

CEROS PUBLICATIONS (by Date)

Date	Citation	Species
2021	Ahmad MH, Chwen LT, Maidin MS, Samsudin AA. Effect of Different Forms of Rumen-Protected Fat From Palm Oil on Body Weight and Sperm Quality in Malin Sheep. <i>Mal J Anim Sci.</i> 2021 June; 24(1): 64-75. Open Access Article	Sheep
2021	Ahmad Y, Hamid GN, Tajik P, Vahid A, Towhidi A. Evaluation of Soy Lecithin Efficacy in Comparison with Egg Yolk on Freezing of Epididymal Sperm in Dogs. <i>Iranian Journal of Veterinary Medicine.</i> 2021: 1-30. doi:10.22059/IJVM.2021.329603.1005191. Open Access Article	Canine
2021	Ahmed H, Jahan S, Riaz M, Ijaz MU, Wahab A. Improving the Quality and In Vitro Fertilization Rate of Frozen-thawed Semen of Buffalo (<i>Bubalus bubalis</i>) Bulls with the Inclusion of Vitamin B12 in the Cryopreservation Medium. <i>Animal Reproduction Science.</i> 2021 June; 229: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2021.106761 .	Bovine
2021	Al-Khalidi K, Yimer N, Al-Bulushi S, Haron AW, Hiew M, Babji AS. A Preliminary Study on the Effects of E-Z Mixin® and EquiPlus® Extenders Supplemented with Edible Bird's Nest on the Quality of Chilled Arabian Stallion Semen. <i>Anim. Reprod.</i> 18(2): e20200027. doi: https://doi.org/10.1590/1984-3143-AR2020-0027 . Open Access Article	Equine
2021	Amaral A, Herrmann BG. RAC1 Controls Progressive Movement and Competitiveness of Mammalian Spermatozoa. <i>Plos Genetics.</i> 2021 Feb. 4; 17(2): 1-22. doi: https://doi.org/10.1371/journal.pgen.1009308 . Open Access Article	Mouse
2021	Ancuelo AE, Landicho MM, Dichoso GA, Sangel PP. Superoxide Dismutase (SOD) Activity in Cryopreserved Semen of Itik Pinas-Khaki (<i>Anas platyrhynchos</i> L.). <i>Tropical Animal Science Journal.</i> 2021 June; 44(2): 138-145. doi: https://doi.org/10.5398/tasj.2021.44.2.138 . Open Access Article	Duck
2021	Azimi AS, Mehranjani MS, Shariatzadeh SMA, Kamran AN, Ghafarizadeh AA. Evaluating the Therapeutic Effect and Toxicity of Theophylline in Infertile Men With Asthenoteratozoospermia: a Double-blind, Randomized Clinical Trial Study. <i>Drug and Chemical Toxicology.</i> 2021 Oct 01: [1p.]. doi: https://doi.org/10.1080/01480545.2021.1991755 .	Human

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2021	Baldeon-Vaca G, Marathe JG, Politch JA, Mausser E, Pudney J, Doud J, Nador E, Zeitlin L, Pauly M, Moench TR, Brennan M, Whaley KJ, Anderson DJ. Production and Characterization of a Human Antisperm Monoclonal Antibody Against CD52g for Topical Contraception in Women. <i>Ebio Medicine</i> . 2021 July 10; 69: 1-10. doi: https://doi.org/10.1016/j.ebiom.2021.103478 . Open Access Article	Human
2021	Castaneda JM, Shimada K, Satouh Y, Yu Z, Ikawa M, Matzuk MM. FAM209 Associates with DPY19L2 and is Required for Sperm Acrosome Biogenesis and Fertility in Mice. <i>J Cell Sci</i> . 2021 Aug 4: 1-37. doi:10.1242/jcs.259206. Open Access Article	Mouse
2021	Castro CH, Dichoso GA, Landicho MM, Sangel PP. Honey or Pineapple Juice as Extender Components for Quezon Native and Duroc Boar Semen at Diferent Storage Temperatures. <i>Philipp Agric Scientist</i> . 2020 Dec; 103(4): 322-336. ISSN 0031-7454. Open Access Article	Boar
2021	Cattelan S, Gasparini C. Male Sperm Storage Impairs Sperm Quality in the Zebrafish. <i>Scientific Reports</i> . 2021 Aug 17; 11(16689). doi: https://doi.org/10.1038/s41598-021-94976-x . Open Access Article	Zebrafish
2021	Chung MHJ, Jennions MD, Fox RJ. Quantifying the Costs of Pre- and Postcopulatory Traits for Males: Evidence that Costs of Ejaculation are Minor Relative to Mating Effort. <i>Evolution Letters</i> . 2021 April 12: 1-13. doi:10.1002/evl3.228. Open Access Article	Mosquitofish
2021	Cramer ERA, Garcia-del-Rey E, Johannessen LE, Laskemoen T, Marthinsen G, Johansen A, Lifjeld JT. Longer Sperm Swim More Slowly in the Canary Islands Chiffchaff. <i>Cells</i> . 2021 May 31; 10(6): 1-14. doi: https://doi.org/10.3390/cells10061358 . Open Access Article	Avian
2021	De Clercq K, Vandaele L, Vanbinst T, Riou M, Deblauwe I, Wesselingh W, Pinard A, Eetvelde MV, Boulesteix O, Leemans B, Gelineau R, Vercauteren G, der Heyden SV, Beckers JF, Saegerman C, Sammin D, de Kruif A, De Leeuw I. Transmission of Bluetongue Virus Serotype 8 by Artificial Insemination with Frozen–Thawed Semen from Naturally Infected Bulls. <i>Viruses</i> . 2021 April 9; 13: 652. doi: https://doi.org/10.3390/v13040652 . Open Access Article	Bovine
2021	Devigili A, Cattelan S, Gasparini C. Sperm Accumulation Induced by the Female Reproductive Fluid: Putative Evidence of Chemoattraction Using a New Tool. <i>Cells</i> . 2021 Sept 18; 10(2472): 1-13. doi: https://doi.org/10.3390/cells10092472 . Open Access Article	Zebrafish

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2021	Facchinello N, Laquatra C, Locatello L, Beffagna G, Casas RB, Fornetto C, Dinarello A, Martorano L, Vettori A, Risato G, Celegghin R, Meneghetti G, Santoro MM, Delahodde A, Vanzi F, Rasola A, Valle LD, Rasotto MB, Lodi T, Baruffini E, Argenton F, Tiso N. Efficient Clofilium Tosylate-Mediated Rescue of POLG-Related Disease Phenotypes in Zebrafish. <i>Cell Death & Disease</i> . 2021 Jan. 19; 12 (100): 1-17. doi: https://doi.org/10.1038/s41419-020-03359-z . Open Access Article	Zebrafish
2021	Fontana CM, Locatello L, Sabatelli P, Facchinello N, Lidron E, Maradonna F, Carnevali O, Rasotto MB, Valle LD. Epg5 Knockout Leads to the Impairment of Reproductive Success and Courtship Behaviour in a Zebrafish Model of Autophagy-related Diseases. <i>Biomedical Journal</i> . 2021 April 20: 1-9. doi: https://doi.org/10.1016/j.bj.2021.04.002	Zebrafish
2021	Fujihara Y, Herberg S, Blaha A, Panser K, Kobayashi K, Larasati T, Novatchkova M, Theussl HC, Olszanska O, Ikawa M, Pauli A. The Conserved Fertility Factor SPACA4/Bouncer has Divergent Modes of Action in Vertebrate Fertilization. <i>Genetics</i> . 2021 Aug 13; 118(39): 1-10. doi: https://doi.org/10.1073/pnas.2108777118 . Open Access Article	Mouse
2021	Gadadhar S, Viar GA, Hansen JN, Gong A, Kostarev A, Ialy-Radio C, Leboucher S, Whitfield M, Ziyat A, Toure A, Alvarez L, Pigino G, Janke C. Tubulin Glycylation Controls Axonemal Dynein Activity, Flagellar Beat, and Male Fertility. <i>Science</i> . 2021 Jan. 8; 371(6525): [1p.]. doi: 10.1126/science.abd4914.	Mouse
2021	Girault MS, Dupuis S, Ialy-Radio C, Stouvenel L, Viollet C, Pierre R, Favier M, Ziyat A, Barbaux S. Deletion of the Spata3 Gene Induces Sperm Alterations and In Vitro Hypofertility in Mice. <i>Int. J. Mol. Sci</i> . 2021 Feb. 16; 22 (1959): 1-13. doi: https://doi.org/10.3390/ijms22041959 . Open Access Article .	Mouse
2021	Gunderson SJ, Molina LCP, Spies N, Balestrini PA, Buffone MG, Jungheim ES, Riley J, Santi CM. Machine-learning Algorithm Incorporating Capacitated Sperm Intracellular pH Predicts Conventional In Vitro Fertilization Success in Normospermic Patients. <i>Fertility and Sterility</i> . 2021 Jan. 15: [1p.]. doi: https://doi.org/10.1016/j.fertnstert.2020.10.038 .	Human
2021	Harrison LM, Vega-Trejo R, Jennions MD. Male Size Mediates Plastic Response to 1 Winner-loser Effects for Some 2 Sexually Selected Traits. <i>Australian National University</i> . 2021: 1-37. Open Access Article	Mosquitofish
2021	Hook KA, Wilke LM, Fisher HS. Apical Sperm Hook Morphology Is Linked to Sperm Swimming Performance and Sperm Aggregation in <i>Peromyscus</i> Mice. <i>Cells</i> 2021. 2021 Sept 1; 10(9): 1-17. doi: https://doi.org/10.3390/cells10092279 . Open Access Article	Mouse

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2021	Ibis E, Hayme S, Baysal E, Gul N, Ozkavukcu S. Efficacy and Safety of Papaverine as an In Vitro Motility Enhancer on Human Spermatozoa. <i>J of Assist Reprod and Genet.</i> 2021 March 26: [1p.]. doi: https://doi.org/10.1007/s10815-021-02160-x .	Human
2021	Inoue N, Haghihara Y, Wada I. Evolutionarily Conserved Sperm Factors, DCST1 and DCST2, are Required For gamete Fusion. <i>Elife.</i> 2021 April 19; 10: 66313. doi: https://doi.org/10.7554/eLife.66313 . Open Access Article	Mouse
2021	Iqbal S, Naz S, Bhutta MF, Sufyan A, Awan MA. Antioxidant Effect of Moringa Olifera Leaves Extract in Extender Improves Post-Thaw Quality, Kinematics, Lipid Peroxidation, Total Antioxidant Capacity and Fertility of Water Buffalo Bull Semen. <i>Andrologia.</i> 2021 Nov 08: [1p.]. doi: https://doi.org/10.1111/and.14300 .	Bovine
2021	Jhamb D, Sharma S, Talluri TR, Nirwan SS, Juneja R, Kumar V, Tanwar A, Pargi K, Deepak, Nandan D, Kumar P, Gaur M, Gautam LK. Effect of Trehalose Supplementation to Semen Extender on Quality of Cryopreserved Stallion Semen. <i>Int J Curr Microbiol App Sci.</i> 2021 Jan; 10(1): 1-7. doi: https://doi.org/10.20546/ijcmas.2021.1001.xx . Open Access Article	Stallion
2021	Khan L, Shamas S, Ahmed H, Zubair H, Hassan Andrabi SM, Bano R, Khan BT, Shahab M. Possible Role of Kisspeptin in Regulation of Motility Spectrum of Buffalo Bull Spermatozoa: A Preliminary Study. <i>Pak Vet J.</i> 2021 Aug 28: 1-4. Open Access Article	Bovine
2021	Lin M, Lv J, Zhao D, Liu S, Xu J, Wu Y, Wang F, Zhang J, Zhang B, Shen C, Guan X, Yu J, Huang X. MRNIP is Essential for Meiotic Progression and Spermatogenesis in Mice. <i>Biochemical and Biophysical Research Communications.</i> 2021 April 23; 550: 127-133. doi: https://doi.org/10.1016/j.bbrc.2021.02.143 .	Mouse
2021	Liu Q, Guo Q, Guo W, Song S, Wang N, Chen X, Sun A, Yan L, Qiao J. Loss of CEP70 Function Affects Acrosome Biogenesis and Flagella Formation During Spermiogenesis. <i>Cell Death & Disease.</i> 2021 May 12; 12 (478): 1-15. doi: https://doi.org/10.1038/s41419-021-03755 . Open Access Article	Mouse
2021	Mehdipour M, Kia HD, Najafi A, Martínez-Pastor F. Type III Antifreeze Protein (AFP) Improves the Post-thaw Quality and In Vivo Fertility of Rooster Spermatozoa. <i>Poultry Science.</i> 2021 May 27:[1p.]. doi: https://doi.org/10.1016/j.psj.2021.101291 . Open Access Article	Chicken
2021	Memis D, Tuncelli G, Yamaner G. Wild <i>Salmo trutta labrax</i> from the Bıçkı Stream in the Marmara Region: Gamete Quality and First Reproduction Under Aquaculture Conditions. <i>Aquatic Sciences and Engineering.</i> 2021 Feb. 05; 36(2): 95-100. doi:10.26650/ASE2020702855. Open Access Article	Trout

Date	Citation	Species
2021	Miyata H, Oura S, Morohoshi A, Shimada K, Mashiko D, Oyama Y, Kaneda Y, Matsumura T, Abbasi F, Ikawa M. SPATA33 Localizes Calcineurin to the Mitochondria and Regulates Sperm Motility in Mice. PNAS 2021; 118(35): 1-9. doi: https://doi.org/10.1073/pnas.2106673118 . Open Access Article	Mouse
2021	Miyata H, Oyama Y, Kaneda Y, Ikawa M. The Motor Domain of Testis-Enriched Kinesin KIF9 is Essential for Its Localization in the Mouse Flagellum. Exp Anim. 2021 Sept 15: 1-21. doi: 10.1538/expanim.21-0082. Open Access Article	Mouse
2021	Moraes CR, Moraes LE, Blawut B, Benej M, Papandreou I, Denko NC, da Silva MC. Effect of Glucose Concentration and Cryopreservation on Mitochondrial Functions of Bull Spermatozoa and Relationship with Sire Conception Rate. Animal Reproduction Science. 2021 July; 230: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2021.106779 .	Bovine
2021	Morohoshi A, Miyata H, Oyama Y, Oura S, Noda T, Ikawa M. FAM71F1 binds to RAB2A and RAB2B and is Essential for Acrosome Formation and Male Fertility in Mice. Development. 2021 November; 148 (21): 1-12. doi: https://doi.org/10.1242/dev.199644 . Open Access Article	Mouse
2021	Mortimer D, Mortimer ST. (2021) Routine Application of CASA in Human Clinical Andrology and ART Laboratories. In: Björndahl L., Flanagan J., Holmberg R., Kvist U. (eds) XIIIth International Symposium on Spermatology. Springer, Cham. 2021 July 23: [1p.]. doi: https://doi.org/10.1007/978-3-030-66292-9_26 .	Human
2021	Najafi A, Daghigh-Kia H, Martinez-Pastor F. Poloxamer 188 and Hydroxyethyl Starch Have a Cryoprotective Synergic Effect Improving Post-Thawing Quality and Fertility of Rooster Spermatozoa. Animal Reproduction Science. 2021 May; 228: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2021.106738 .	Rooster
2021	Nolan, BC. Experimental Tests on Sperm and Seasonal Morphology Change in the Endangered Redside Dace (Clinostomus elongatus) [dissertation]. [Windsor]: University of Windsor; 2021. 120p. Open Access Article	Fish
2021	Rotari D, Bradu N, Darie G, Cibotaru E, Djenjera I. Stimulation of Spermatogenesis in Aries in the Secondary Season. Scientific Papers. 2021 Feb. 16; 75: 149-153. Open Access Article	Ram
2021	Rotari D, Darie G, Chiselita O. Preservation of Ram Semen by Refrigeration. Scientific Papers Series D Animal Science. 2021; 64(1): 87-93. ISSN Online 2393-2260. Open Access Article	Ram

Date	Citation	Species
2021	Rubes J, Sipek J, Kopecka V, Musilova P, Vozdova M. Semen Quality and Sperm DNA Integrity in City Policemen Exposed to Polluted Air in an Urban Industrial Agglomeration. <i>International Journal of Hygiene and Environmental Health</i> . 2021 Aug; 237: [1p.]. doi: https://doi.org/10.1016/j.ijheh.2021.113835 .	Human
2021	Sacha CR, Vagios S, Hammer K, Fitz V, Souter I, Bormann CL. The Effect of Semen Collection Location and Time to Processing on Sperm Parameters and Early IVF/ICSI Outcomes. <i>Journal of Assisted Reproduction and Genetics</i> . 2021 March 11: 1-8. doi: https://doi.org/10.1007/s10815-021-02128-x . Open Access Article	Human
2021	Shirley CA, Colvin ME, Tiersch TR, Allen PJ. A Generalized Approach for Sperm Cryopreservation in the Genus Pomoxis: Sperm Cryopreservation and Fertilization Efficiency of Black-stripe Black Crappie, <i>Pomoxis nigromaculatus</i> . <i>J World Aquac Soc</i> . 2020 Dec. 4; 1-13. doi: 10.1111/jwas.12763. Open Access Article	Fish
2021	Shrestha B, Schaefer A, Zhu Y, Saada J, Jacobs TM, Chavez EC, Omsted SS, Cruz-Teran CA, Vaca GB, Vincent K, Moench TR, Lai SK. Engineering Sperm-binding IgG Antibodies for the Development of an Effective Nonhormonal Female Contraception. <i>Science Translational Medicine</i> . 2021 Aug 11; 13 (606): [1p.]. doi: 10.1126/scitranslmed.abd5219.	Sheep
2021	Takei GL, Tourzani DA, Paudel B, Visconti PE. Activation of cAMP-dependent Phosphorylation Pathways is Independent of ROS Production During Mouse Sperm Capacitation. <i>Molecular Reproduction & Development</i> . 2021 July 27: [1p.]. doi: https://doi.org/10.1002/mrd.23524 .	Mouse
2021	Tan H, Bertram MG, Martin JM, Ecker TE, Hannington SL, Saaristo M, O'Bryan MK, Wong BBM. The Endocrine Disruptor 17 β -trenbolone Alters the Relationship Between Pre- and Post-Copulatory Sexual Traits in Male Mosquitofish (<i>Gambusia holbrooki</i>). <i>Science of Total Environment</i> . 2021 April 22; 790: 1-9. doi: https://doi.org/10.1016/j.scitotenv.2021.148028 . Open Access Article	Mosquitofish
2021	Wu Y, Wang T, Zhao Z, Liu S, Shen C, Li H, Liu M, Zheng B, Yu J, Huang X. Retinoic Acid Induced Protein 14 (Rai14) is Dispensable for Mouse Spermatogenesis. <i>Biochemistry, Biophysics, and Molecular Biology</i> . 2021 Feb. 19. PeerJ9:e10847. doi:10.7717/peerj.10847. Open Access Article	Mouse

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2021	Yamamuro T, Nakamura S, Yamano Y, Endo T, Yanagawa K, Tokumura A, Matsumura T, Kobayashi K, Mori H, Enokidani Y, Yoshida G, Imoto H, Kawabata T, Hamasaki M, Kuma A, Kuribayashi S, Takezawa K, Okada Y, Ozawa M, Fukuhara S, Shinohara T, Ikawa M, Yoshimori T. Rubicon Prevents Autophagic Degradation of GATA4 to Promote Sertoli Cell Function. 2021 Aug 5;17(8): e1009688. doi:https://doi.org/10.1371/journal.pgen.1009688. Open Access Article	Mouse
2021	Yildiz M, Ofori-Mensah S, Arslan M, Yamaner G, Ekici A, Baltaci MA, Korkmaz F, Tacer-Tanas S. Effects of Different Dietary Lipid Resources on Sperm Quality and Reproductive Success in Rainbow Trout (<i>Oncorhynchus mykiss</i>). Aquaculture Research. 2021 March 16: [1p.]. doi: https://doi.org/10.1111/are.15226.	Trout
2021	Zuchowicz N, Daly J, Bouwmeester J, Lager C, Henley EM, Lendo CIN, Hagedorn M. Assessing Coral Sperm Motility. Scientific Reports. 2021 Jan. 08; 11(61): 1-13. Open Access Article	Coral
2020	Alqawasmeh OA, Zhao M, Chan CPS, Leung MBW, Chow KC, Agarwal N, Mak JSM, Wang CC, Pang CP, Li TC, Chu WK, Chan DYL. Green Tea Extract as a Cryoprotectant Additive to Preserve the Motility and DNA Integrity of Human Spermatozoa. Asian J Androl. 2020 Nov. 03; 22:1-7. doi: 10.4103/aja.aja_58_20. Open Access Article	Human
2020	Amid R, Kheiri A, Kheiri L, Kadkhodazadeh M, Ekhlasmandkermani M. Structural and Chemical Features of Xenograft Bone Substitutes: A Systematic Review of In Vitro Studies. Biotechnology and Applied Biochemistry. 2020 Nov. 01: [1p.]. doi:https://doi.org/10.1002/bab.2065.	Bovine
2020	Barankova L. Sperm Motility and Postmating Prezygotic Isolation in Two Nightingale Species [dissertation]. [Prague]: Charles University; 2020. 61p. Open Access Article	Avian
2020	Brookes S, Iglesias-Carrasco M, Kruuk LEB, Head ML. Sex-Specific Responses to Competitive Environment in the Mosquitofish <i>Gambusia holbrooki</i> . Evolutionary Ecology. 2020 Oct. 04: [1p.]. doi: https://doi.org/10.1007/s10682-020-10080-y.	Mosquitofish
2020	Chen YH, Wu CP, Lin HL, Liaw RB, Lai YY, Wu MC, Chen LR, Tsai PSJ. Tetrazolium Salt WST-8 as a Novel and Reliable Chromogenic Indicator for the Assessment of Boar Semen Quality. Animals. 2020 Dec. 4; 10(2293): 2-12. doi:10.3390/ani10122293. Open Access Article	Boar
2020	Chung MHJ, Fox RJ, Jennions MD. Fine-scale Genital Morphology Affects Male Ejaculation Success: an Experimental Test. Biology Letters. 2020 June 1; 16 (6): [1p.]. doi:https://doi.org/10.1098/rsbl.2020.0251. Open Access Article	Mosquitofish

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2020	Darie G, Iurcu I, Bradu N, Rotari D. Spermogram in Breeding Rams-Breed of Tsigaia Wool-Meat-Milk. <i>Animal Science</i> . 2020; 62(2): 229-234. Open Access Article	Ram
2020	Devlin DJ, Nozawa K, Ikawa M, Matzuk MM. Knockout of Family with Sequence Similarity 170 Member A (Fam170a) Causes Male Subfertility, While Fam170b is Dispensable in Mice. <i>Biology of Reproduction</i> . 2020 May 9; ioaa082: 1-18. doi:10.1093/biolre/ioaa082. Open Access Article	Mouse
2020	Esguerra JPM, Paz H. Quimio JMU, Dichoso GA, Junsay CAL, Magpantay VA, Sangel PP. Coconut Water with Either Tomato Juice or Garlic Extract as Extender Components for Paroakan Native Chicken Semen at Different Storage Temperatures. <i>Philippine Journal of Science</i> . 2020 March; 149(1): 121-131. ISSN 0031 - 7683. Open Access Article	Chicken
2020	Gelinek I, Yamaner G. An Investigation on the Gamete Quality of Black Sea Trout (<i>Salmo trutta labrax</i>) Broodstock Fed with Mealworm (<i>Tenebrio molitor</i>). <i>Aquaculture Research</i> . 2020 Feb. 28: [1p.]. doi:https://doi.org/10.1111/are.14581.	Trout
2020	Hadlow JH, Evans JP, Lymbery RA. Egg-Induced Changes to Sperm Phenotypes Shape Patterns of Multivariate Selection on Ejaculates. <i>Evolutionary Biology</i> . 2020 Feb. 28: [1p.]. doi:10.1111/jeb.13611.	Trout
2020	Han F, Dong MZ, Lei WL, Xu ZL, Gao F, Schatten H, Wang ZB, Sun XF, Sun QY. Oligoasthenoteratospermia and Sperm Tail Bending in PPP4C-Deficient Mice. <i>Molecular Human Reproduction</i> . 2020 Dec. 30: [1p.]. doi:https://doi.org/10.1093/molehr/gaaa083.	Mouse
2020	Hernández-Avilés C, Ramírez-Agámez L, Makloski-Cohorn C. Semen Evaluation Equine Hematology, Cytology, and Clinical Chemistry. 2nd rev. ed. Wiley Blackwell; 2020. 352 p.	Equine
2020	Hook KA, Weber WD, Fisher HS. Collective Sperm Movements are Shaped by Post-Copulatory Sexual Selection and Phylogenetic History in <i>Peromyscus</i> Mice. <i>BioRx</i> . 2020 Feb. 28: 1-34. doi: https://doi.org/10.1101/2020.02.08.939975. Open Access Article	Mouse
2020	Iglesias-Carrasco M, Harrison L, Jennions MD, Head ML. Combined Effects of Rearing and Testing Temperatures on Sperm Traits. <i>Evolutionary Biology</i> . 2020 Oct. 18: [1p.]. doi:https://doi.org/10.1111/jeb.13710.	Mosquitofish
2020	Iglesias-Carrasco M, Harrison L, Jennions MD, Head ML. Combined Effects of Rearing and Testing Temperatures on Sperm Traits. <i>Evolutionary Biology</i> . 2020 Oct. 18: [1p.]. doi:https://doi.org/10.1111/jeb.13710.	Mosquitofish

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2020	Jahanbin R, Yazdanshenas P, Rahimi M, Hajarizadeh A, Tvrda E, Nazari SA, Mohammadi-Sangcheshmeh A, Ghanem N. In Vivo and In Vitro Evaluation of Bull Semen Processed with Zinc (Zn) Nanoparticles. <i>Biological Trace Element Research</i> . 2020 June 3: [1p.]. doi: https://doi.org/10.1007/s12011-020-02153-4 .	Bovine
2020	Johnson SL, Borziak K, Kleffmann T, Rosengrave P, Dorus S, Gemmell NJ. Ovarian Fluid Proteome Variation Associates with Sperm Swimming Speed in an Externally Fertilising Fish. <i>Journal of Evolutionary Biology</i> . 2020 Oct. 09: [1p.]. doi: 10.1111/jeb.13717 .	Fish
2020	Judycka S, Slowinska M, Nynca J, Liszewska E, Dobosz S, Ciereszko A. Oxidative Stress in Cryopreserved Semen of Sex-Reversed Female and Normal Male Rainbow Trout. <i>Aquaculture</i> . 2020 Nov. 15; 528: [1p.]. doi: https://doi.org/10.1016/j.aquaculture.2020.735531 .	Trout
2020	Judycka S, Stowinska M, Nynca J, Liszewska E, Dobosz S, Ciereszko A. Effects of Glucose, Methanol Concentration, and Time of Equilibration on Post-Thaw Sperm Motility of Rainbow Trout Semen. <i>Aquaculture</i> . 2020 April 15; 520: [1p.]. doi: https://doi.org/10.1016/j.aquaculture.2020.734996 .	Trout
2020	Kawasaki Y, Sakurai D, Yoshihara T, Tsuchida M, Harakawa S, Suzuki H. Effect of Quercetin on the Motility of Cryopreserved Canine Spermatozoa. <i>Cryobiology</i> . 2020 August 22: [1p.]. doi: https://doi.org/10.1016/j.cryobiol.2020.08.006 .	Canine
2020	Kazhgaliyev NZ, Makhanbetova AB, Shamshidin AS, Shaikenova KK, Omarova KM. Efficiency of Utilization of Genetic Resources of Imported and Domestic Servicing Bulls of Beef Breeds. <i>Eurasia J Biosci</i> . 2020 April; 14(1): 857-863. Open Access Article	Bovine
2020	Kobayashi K, Endo T, Matsumura T, Lu Y, Yu Z, Matzuk MM, Ikawa M. Prss55 but not Prss51 is required for male fertility in mice. <i>Biol Reprod</i> . 2020 Apr 17: 1-17. doi: 10.1093/biolre/ioaa041 . Open Access Article	Mouse
2020	Kondo H, Matsumura T, Kaneko M, Inoue K, Kosako H, Ikawa M, Takahama Y, Ohigashi I. PITHD1 is a Proteasome-Interacting Protein Essential for Male Fertilization. <i>JBC</i> . 2020 Jan. 8: 1-12. doi: http://www.jbc.org/cgi/doi/10.1074/jbc.RA119.011144 . Open Access Article	Mouse
2020	Kumar P, Mehta JS, Ravi SK, Dedar RK, Purohit GN, Legha RA, Tripathi BN, Talluri TR. Cholesterol Loaded Cyclodextrin Supplementation Enhances the Cholesterol-to-Phospholipid Ratio and Diminishes Oxidative Stress in Jack Spermatozoa During Cryopreservation. <i>Journal of Equine Veterinary Science</i> . 2020 Nov.; 94: [1p.]. doi: https://doi.org/10.1016/j.jevs.2020.103237 .	Donkey

Date	Citation	Species
2020	Liu Y, Chesnut M, Guitreau A, Beckham J, Melvin A, Eades J, Tiersch TR, Monroe WT. Microfabrication of Low-Cost Customisable Counting Chambers for Standardised Estimation of Sperm Concentration. <i>Reproduction, Fertility and Development</i> . 2020 May 27; 32(9): 873-878. doi: https://doi.org/10.1071/RD19154 .	Zebrafish
2020	Lymbery RA, Evans JP, Kennington WJ. Post-Ejaculation Thermal Stress Causes Changes to the RNA Profile of Sperm in an External Fertilizer. <i>Royal Society</i> . 2020 Nov. 11; 287(1938): [1p.]. doi: https://doi.org/10.1098/rspb.2020.2147 .	Mussel
2020	Malo C, Crichton EG, Skidmore JA. Preservation of the Spermatozoa of the Dromedary Camel (<i>Camelus dromedarius</i>) by Chilling and Freezing: The Effects of Cooling Time, Extender Composition and Catalase Supplementation. <i>Theriogenology</i> . 2020 May 5: [1p.]. doi: https://doi.org/10.1016/j.theriogenology.2020.04.043 .	Camel
2020	Mariano EB, Dichoso GA, Estrella CAS, Sangel PP. Relationship of Fibronectin 1 (FN1) to the Extended Semen Shelf Life of Duroc and Philippine Native Boar-Quezon at Different Storage Temperatures. <i>Philipp J Vet Anim Sci</i> . 2020; 46(1):12-19. Open Access Article	Swine
2020	Mehdipour M, Kia HD, Martinez-Pastor F. Poloxamer 188 Exerts a Cryoprotective Effect on Rooster Sperm and Allows Decreasing Glycerol Concentration in the Freezing Extender. <i>Poultry Science</i> . 2020 Sept. 1: 1-28. doi: https://doi.org/10.1016/j.psj.2020.08.041 . Open Access Article	Chicken
2020	Mitchell KT, Garner SW, Houde ALS, Wilson CC, Pitcher TE, Neff BD. Effects of a Low-Thiamine Diet on Reproductive Traits in Three Populations of Atlantic Salmon Targeted for Reintroduction into Lake Ontario. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> . 2020 Sept. 22:[1p.]. doi: https://doi.org/10.1139/cjfas-2019-0379 .	Salmon
2020	Mitchell KT. Effects of Dietary Thiaminase on Reproductive Traits in Three Populations of Atlantic Salmon Targeted for Reintroduction into Lake Ontario [dissertation]. [Ohio]: Western Ohio University; 2020. 59 p. Open Access Article	Salmon
2020	Miyamoto Y, Sasaki M, Miyata H, Monobe Y, Nagai M, Otani M, Whiley PAF, Morohoshi A, Oki S, Matsuda J, Akagi K, Adachi J, Okabe M, Ikawa M, Yoneda Y, Loveland KL, Oka M. Genetic Loss of Importin $\alpha 4$ Causes Abnormal Sperm Morphology and Impacts on Male fertility in Mouse. <i>Faseb Journal</i> . 2020 Sept. 29; 00: 1-19. doi: 10.1096/fj.202000768RR. Open Access Article	Mouse

Date	Citation	Species
2020	Miyata H, Shimada K, Morohoshi A, Oura S, Matsumura T, Xu Z, Oyama Y, Ikawa M. Testis-Enriched Kinesin KIF9 is Important for Progressive Motility in Mouse Spermatozoa. <i>Faseb Journal</i> . 2020 Feb. 05; 00:1-12. doi: 10.1096/fj.201902755R. Open Access Article	Mouse
2020	Mostek A, Janta A, Ciereszko A. Proteomic Comparison of Non-sexed and Sexed (X-bearing) Cryopreserved Bull Semen. <i>Animal Reproduction Science</i> . 2020 October; 221(106552): [1p.]. doi:https://doi.org/10.1016/j.anireprosci.2020.106552.	Bovine
2020	Myers JN, Bradford AJ, Hallas VS, Lawson LL, Hallas VS, Lawson LL, Pitcher TE, Dunham RA, Butts IAE. Channel Catfish Ovarian Fluid Differentially Enhances Blue Catfish Sperm Performance. <i>Theriogenology</i> . 2020 June; 149: 62-71. doi: https://doi.org/10.1016/j.theriogenology.2020.03.022.	Catfish
2020	Myers JN, Nichols ZG, Abualreesh MH, El Hussein N, Taylor ZA, Coogan M, Gurbatow J, Vo KM, Zadmajid V, Chatakondi N, Dunham RA, Butts IAE. Impact of Sperm Density on Hatching Success for Channel Catfish (<i>Ictalurus punctatus</i>) × Blue Catfish (<i>Ictalurus furcatus</i>) Hybrid Production. <i>Aquaculture</i> . 2020 Jan. 30: 1p. doi:https://doi.org/10.1016/j.aquaculture.2020.735024.	Catfish
2020	Nozawa K, Zhang Q, Miyata H, Devlin DJ, Yu Z, Oura S, Koyano T, Matsuyama M, Ikawa M, Matzuk MM. Knockout of Serine-Rich Single-pass Membrane Protein 1 (Ssmem1) Causes Globozoospermia and Sterility in Male Mice. <i>Biol Reprod</i> . 2020 Apr 17: 1-10. doi:10.1093/biolre/ioaa040. Open Access Article	Mouse
2020	Nynca J, Judycka S, Liszewska E, Dobosz S, Krzys M, Ciereszko A. Effect of Double Freezing Fish Semen on Sperm Motility and Fertility. <i>Aquaculture</i> . 2021 Jan. 15; 530: 1-6. doi:https://doi.org/10.1016/j.aquaculture.2020.735782. Open Access Article	Fish
2020	Park S, Shimada K, Fujihara Y, Xu Z, Shimada K, Larasati T, Pratiwi P, Matzuk RM, Devlin DJ, Yu Z, Garcia TX, Matzuk MM, Ikawa M. CRISPR/Cas9-Mediated Genome-Edited Mice Reveal 10 Testis-enriched Genes are Dispensable for Male Fecundity. <i>Biology of Reproduction</i> . 2020 May 21; ioaa084: 1-10. doi: 10.1093/biolre/ioaa084. Open Access Article	Mouse
2020	Randall CJ, Speaks JE, Lager C, Hagedorn M, Llewellyn L, Pulak R, Thompson J, Bay LK, Mead D, Heyward AJ, Negri AP. Rapid Counting and Spectral Sorting of Live Coral Larvae Using Large-Particle Flow Cytometry. <i>Scientific Reports</i> . 2020 July 31; 10 (12919): 1-11. doi:https://doi.org/10.1038/s41598-020-69491-0. Open Access Article	Coral
2020	Rotari D. Research of the Influence of Antioxidants on the Rams Spermogram. <i>Scientific Papers</i> . 2020; 63 (1): 74-79. Open Access Article	Rams

Date	Citation	Species
2020	Rudin-Bitterli TS, Mitchell NJ, Evans JP. Extensive Geographical Variation in Testes Size and Ejaculate Traits in a Terrestrial-Breeding Frog. <i>Biology Letters</i> . 2020 Sept. 30; 16(9): [1p.]. doi: https://doi.org/10.1098/rsbl.2020.0411 .	Frog
2020	Schmoll T, Rudolfsen G, Schielzeth H, Kleven O. Sperm Velocity in a Promiscuous Bird Across Experimental Media of Different Viscosities. <i>Proc. R. Soc. B</i> . 2020 July 15; 287 (20201031): 1-8. doi: https://doi.org/10.1098/rspb.2020.1031 . Open Access Article	Bird
2020	Shimada K, Park S, Miyata H, Yu Z, Morohoshi A, Oura S, Matzuk MM, Ikawa M. ARMC12 Regulates Spatiotemporal Mitochondrial Dynamics During Spermiogenesis and is Required for Male Fertility. <i>PNAS</i> 2021. 2020 Dec. 24; 118 (6): 1-12. doi: https://doi.org/10.1073/pnas.2018355118 . Open Access Article	Mouse
2020	Sipila P, Junnila A, Hakkarainen J, Huhtaniemi R, Mairinoja L, Zhang FP, Strauss L, Ohlsson C, Kotaja N, Huhtaniemi I, Poutanen M. The Lack of HSD17B3 in Male Mice Results in Disturbed Leydig Cell Maturation and Endocrine Imbalance Akin to Humans with HSD17B3 Deficiency. <i>Faseb Journal</i> . 2020 Feb 13: 1-18. DOI: 10.1096/fj.201902384R. Open Access Article	Mouse
2020	Spagopoulou F, Vega-Trejo R, Head ML, Jennions MD. Shifts in Reproductive Investment in Response to Competitors Lower Male Reproductive Success. <i>The American Naturalist</i> . 2020 Apr 29: [1p.]. doi: https://doi.org/10.1086/709821 .	Mosquitofish
2020	Sun J, Lu Y, Nozawa K, Xu Z, Morohoshi A, Castaneda JM, Noda T, Miyata H, Abbasi F, Shawki HH, Takahashi S, Devlin DJ, Yu Z, Matzuk RM, Garcia TX, Matzuk MM, Ikawa M. CRISPR/Cas9-based Genome Editing in Mice Uncovers 13 Testis- or Epididymis-Enriched Genes Individually Dispensable for Male Reproduction. <i>Biology of Reproduction</i> . 2020 May 26; ioaa083: 1-12. doi:10.1093/biolre/ioaa083. Open Access Article	Mouse
2020	Sung DC, Ahmad M, Lerma Cervantes CB, Zhang Y, Adelstein RS, Ma X. Mutations in Non-muscle Myosin 2A Disrupt the Actomyosin Cytoskeleton in Sertoli Cells and Cause Male Infertility. 2021 Feb; 470: 49-61. doi: https://doi.org/10.1016/j.ydbio.2020.11.003 .	Mouse
2020	Umehara T, Tsujita N, Zhu Z, Ikedo M, Shimada M. A Simple Sperm-sexing Method that Activates TLR7/8 on X Sperm for the Efficient Production of Sexed Mouse or Cattle Embryos. <i>Nature Protocols</i> . 2020 July 17; 15: 2645–2667. doi: https://doi.org/10.6084/m9.figshare.12152712 .	Bovine and Mouse
2020	Verde IL, Nongbua T, Karkehabadi S, Johannisson A, Morrell JM. Effect of Season on Bovine Seminal Plasma Proteins in Thailand. <i>Journal of Thermal Biology</i> . 2020 April 3: 1-25. doi: https://doi.org/10.1016/j.jtherbio.2020.102576 . Open Access Article	Bovine

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2020	Xiao YZ, Yang Mi, Xiao Ye, Guo Q, Huang Y, Li CJ, Cai D, Luo XH. Reducing Hypothalamic Stem Cell Senescence Protects against Aging-Associated Physiological Decline. <i>Cell Metabolism</i> . 2020 Jan. 30: [1p.]. doi: https://doi.org/10.1016/j.cmet.2020.01.002 .	Rat
2020	Yang H, Hu E, Tiersch T, Carmichael C, Matthews J, Varga ZM. Temporal and Concentration Effects of Methanol on Cryopreservation of Zebrafish (<i>Danio rerio</i>) Sperm. <i>Zebrafish</i> . 2020 June 27;0(0): [1p.]. doi: https://doi.org/10.1089/zeb.2019.1849 .	Zebrafish
2020	Zhang H, Li Y, Cui K, Chen X, Shang C, Min W, Jin P, Jiang Z, Shi D, Liu Q, Wang F. Male Fertility in <i>Mus Musculus</i> Requires the Activity of TRYX5 in Sperm Migration into the Oviduct. <i>Cellular Physiology</i> . 2020 Feb. 04:[1p.]. doi: https://doi.org/10.1002/jcp.29534 .	Mouse
2020	Zhu Z, Umehara T, Tsujita N, Kawai T, Goto M, Cheng B, Zeng W, Shimada M. Itaconate Regulates the Glycolysis/Pentose Phosphate Pathway Transition to Maintain Boar Sperm Linear Motility by Regulating Redox Homeostasis. <i>Free Radical Biology and Medicine</i> . 2020 Nov 1; 159: 44-53. doi: https://doi.org/10.1016/j.freeradbiomed.2020.07.008 .	Boar
2019	Achikanu C, Correia J, Guidobaldi H, Giojalas L, Barratt CLR, Da Silva SM, Publicover S. Continuous Behavioural ‘Switching’ in Human Spermatozoa and Its Regulation by Ca ²⁺ 5 -Mobilising Stimuli. <i>Molecular Human Reproduction</i> . 2019 June 13: [1p.]. doi: https://doi.org/10.1093/molehr/gaz034 . Open Access Article	Human
2019	Al-Bulushi S, Manjunatha BM, de Graaf SP, Rickard JP. Reproductive Seasonality of Male Dromedary Camels. <i>Animal Reproduction Science</i> . 2019 Jan 2: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.12.013 .	Camel
2019	Bertram MG, Martin JM, Saaristo M, Ecker TE, Michelangeli M, Deal NDS, Lim SL, O'Bryan MK, Wong BBM. Context-specific behavioural changes induced by exposure to an androgenic endocrine disruptor. <i>Science of the Total Environment</i> . 2019 Jan 30: [1p.]. doi: https://doi.org/10.1016/j.scitotenv.2019.01.382 .	Mosquitofish
2019	Bettinazzi S, Nadarajah S, Dalpé A, Milani L, Blier PU, Breton S. Linking Paternally Inherited mtDNA Variants and Sperm Performance. <i>Biological Sciences</i> . 2019 Dec. 02; 375 (1790): 2-8. doi: https://doi.org/10.6084/m9.figshare.c.4704236 . Open Access Article	Bivalves

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2019	Blawut B, Wolfe B, Moraes CR, Ludsin SA, Coutinho da Silva MA. Use of Hypertonic Medium To Cryopreserve Sauger (<i>Sander canadensis</i>) Spermatozoa. <i>North American Journal of Aquaculture</i> . 2019 Sept 12: [1p.]. doi:10.1002/naaq.10125.	Fish
2019	Blawut B, Wolfe B, Moraes CR, Sweet D, Ludsin SA, Coutinho da Silva MA. Testicular Collections as a Technique to Increase Milt Availability in Sauger (<i>sander canadensis</i>). <i>Animal Reproduction Science</i> . 2020 January; 212(106240): 1-8. doi: https://doi.org/10.1016/j.anireprosci.2019.106240 . Open Access Article	Fish
2019	Boe-Hansen GB, Satake N. An Update on Boar Semen Assessments by Flow Cytometry and CASA. <i>Theriogenology</i> . 2019 June 4: [1p.]. doi: https://doi.org/10.1016/j.theriogenology.2019.05.043 .	Boar
2019	Castaneda JM, Miyata H, Archambeault DR, Satouh Y, Yu Z, Ikawa M, Matzuk MM. Mouse T-complex Protein 11 is Important for Progressive Motility in Sperm. <i>Biol Reprod</i> . 2019 Dec. 14: [1p.]. doi: 10.1093/biolre/ioz226. Open Access Article	Mouse
2019	Chung MHJ, Jennions MD, Fox RJ. Novel Ablation Technique Shows No Sperm Priming Response by Male Eastern Mosquitofish to Cues of Female Availability. <i>Behavioral Eco and Sociobiol</i> . 2019 Dec. 10; 73(167): [1p.]. doi:10.1007/s00265-019-2779-4.	Mosquitofish
2019	Cramer ERA, Rowe M, Eroukmanoff F, Lifjeld JT, Saetre GP, Johnsen A. Measuring Sperm Swimming Performance in Birds: Effects of Dilution, Suspension Medium, Mechanical Agitation, and Sperm Number. <i>Journal of Ornithology</i> . 2019 May 22: 1-11.	Birds
2019	Devigili A, Evans JP, Fitzpatrick JL. Predation Shapes Sperm Performance Surfaces in Guppies. <i>Biological Sciences</i> . 2019 June 26; 286(1905). doi: https://doi.org/10.1098/rspb.2019.0869 .	Guppy
2019	Dey S, Elisa A, Kline D, Wagner FF, Abeyirigunawardena S, Vijayaraghavan S. Roles of Glycogen Synthase Kinase 3 Alpha and Calcineurin in Regulating the Ability of Sperm to Fertilize Eggs. <i>Faseb Journal</i> . 2019 Oct. 25; 34: 1247-1269. doi: 10.1096/fj.201902163R. Open Access Article	Mouse
2019	Durfey CL, Swistek SE, Liao SF, Crenshaw MA, Clemente HJ, Thirumalai R, Steadman CS, Ryan PL, Willard ST, Feugang JM. Nanotechnology-Based Approach for Safer Enrichment of Semen with Best Spermatozoa. <i>Journal of Animal Science and Biotechnology</i> . 2019 Feb 9; 10(14): [1p.]. doi: https://doi.org/10.1186/s40104-018-0307-4 . Open Access Article	Boar

Date	Citation	Species
2019	Elmi A, Ventrella D, Barone F, Carnevali G, Filippini G, Pisi A, Benvenuti S, Scozzoli M, Bacci ML. In Vitro Effects of Tea Tree Oil (<i>Melaleuca Alternifolia</i> Essential Oil) and its Principal Component Terpinen-4-ol on Swine Spermatozoa. <i>Molecules</i> . 2019 March 19; 24(1071): 115. doi:10.3390/molecules24061071. Open Access Article	Swine
2019	Forsblom L, Engström-öst J, Lehtinen S, Lips I, Lindén A. Environmental Variables Driving Species and Genus Level Changes in Annual Plankton Biomass. <i>Journal of Plankton Research</i> . 2019 Dec. 19; 41(6): 925-938. doi: https://doi.org/10.1093/plankt/fbz063 . Open Access Article	Plankton
2019	Fraz S, Lee AH, Pollard S, Srinivasan K, Vermani A, David E, Wilson JY. Paternal Exposure to Carbamazepine Impacts Zebrafish Offspring Reproduction Over Multiple Generations. <i>Environ Sci Technol</i> . 2019 Aug 08: [1p.]. doi: https://doi.org/10.1021/acs.est.9b03393 .	Zebrafish
2019	Fraz S, Lee AH, Pollard S, Srinivasan K, Vermani A, Wilson JY. Parental Gemfibrozil Exposure Impacts Zebrafish F1 Offspring, But Not Subsequent Generations. <i>Aquatic Toxicology</i> . 2019 May 9: [1p.]. doi: https://doi.org/10.1016/j.aquatox.2019.04.020 .	Zebrafish
2019	Gasparini C, Devigili A, Pilastro A. Sexual Selection and Ageing: Interplay between Pre- and Post-copulatory Traits Senescence in the Guppy. <i>Proc Biol Sci</i> . 2019 Feb 27; 286(1897): [1p.]. doi: https://doi.org/10.1098/rspb.2018.2873 .	Guppy Fish
2019	Ghayda RA, Williams PL, Chavarro JE, Ford JB, Souter I, Calafat AM, Hauser R, Mínguez-Alarcón L. Urinary Bisphenol S Concentrations: Potential Predictors of and Associations with Semen Quality Parameters among Men Attending a Fertility Center. <i>Environment International</i> . 2019 Oct; 131(105050): [1p.]. doi: https://doi.org/10.1016/j.envint.2019.105050 . Open Access Article	Human
2019	Gilroy CE, Litvak MK. Relationship Between Seminal Plasma Composition and Spermatozoa Swimming Speed and Motility in Wild and Captive Shortnose Sturgeon (<i>Acipenser brevirostrum</i>). <i>Aquaculture</i> . 2019 April 30; 505: 217-224. doi: https://doi.org/10.1016/j.aquaculture.2019.02.033 .	Sturgeon Fish
2019	Gilroy CE, Litvak MK. Swimming Kinematics and Temperature Effects on Spermatozoa from Wild and Captive Shortnose Sturgeon (<i>Acipenser brevirostrum</i>). <i>Animal Reprod Sci</i> . 2019 May; 204 (9): 171-182. doi: https://doi.org/10.1016/j.anireprosci.2019.03.022 .	Sturgeon Fish
2019	Hurley LL, Rowe M, Griffith SC. Reproductive Coordination Breeds Success: the Importance of the Partnership in Avian Sperm Biology. <i>Behavioral Eco and Sociobiol</i> . 2019 Dec. 16; 74 (3): [1p.]. doi: https://doi.org/10.1007/s00265-019-2782-9 .	Avian

Date	Citation	Species
2019	Iglesias-Carrasco M, Fox RJ, Vega-Trejo R, Jennions MD, Head ML. An Experimental Test for Body Size-dependent Effects of Male Harassment and an Elevated Copulation Rate on Female Fecundity and Offspring Performance. <i>J Evol Biol.</i> 2019 August 23; [1p.]. doi: 10.1111/jeb.13526.	Mosquitofish
2019	Iglesias-Carrasco M, Fox RJ, Vincent A, Head ML, Jennions MD. No Evidence that Male Sexual Experience Increases Mating Success in a Coercive Mating System. <i>Animal Behaviour.</i> 2019 April; 150: 201-208. doi: https://doi.org/10.1016/j.anbehav.2019.02.012 .	Mosquitofish
2019	Judycka S, Nynca J, Dietrich MA, Liszewska E, Ilgert J, Ciereszko A. Development of an Efficient and Standardized Method for the Cryopreservation of Arctic Charr Milt and its Use in the Fertilization of Brook Trout Eggs to Produce ‘Sparctic’ Hybrids. <i>Aquaculture.</i> 2019 Nov 15; 513(734363): [1p.]. doi: https://doi.org/10.1016/j.aquaculture.2019.734363 .	Trout
2019	Kia D, Vatankhah S. Effect of Antioxidant D-Aspartic Acid and Thawing Rate on the Freeze-Thawing Process of Ram Semen. <i>Iranian Jnl of Applied Animal Science.</i> 2019 June; 9(2): 265-273. Open Access Article	Ram
2019	Kumar P, Kumar R, Mehta JS, Kumar A, Ravi SK, Mehta SC, Ansari MM, Legha RA, Tripathi BN, Talluri TR. Ameliorative Effect of Ascorbic Acid and Glutathione in Combating the Cryoinjuries During Cryopreservation of Exotic Jack Semen. <i>Journal of Equine Veterinary Science.</i> 2019 Sept 11: [1p.]. doi: https://doi.org/10.1016/j.jevs.2019.102796 .	Equine
2019	Kuwai T, Miyata H, Nakanishi H, Sakata S, Morioka S, Sasaki J, Watanabe M, Sakimura K, Fujimoto T, Sasaki T, Ikawa M, Okamura Y. Polarized Ptd Ins(4,5)P2 Distribution Mediated by a Voltage-Sensing Phosphatase (VSP) Regulates Sperm Motility. <i>PNAS.</i> 2019 Dec. 17; 116(51): 26020-26028. doi: https://doi.org/10.1073/pnas.1916867116 .	Mouse
2019	Lavoie MD, Tedeschi JN, Garcia-Gonzalez F, Firman RC. Exposure to Male-Dominated Environments During Development Influences Sperm Sex Ratios at Sexual Maturity. <i>Evolution Letters.</i> 2019 May 21: 1-11. doi: 10.1002/evl3.123 . Open Access Article	Mouse
2019	Leemans B, Stout TAE, Van Soom A, Gadella BM. PH Dependent Effects of Procaine on Equine Gamete Activation. <i>Biol Reprod.</i> 2019 Aug 2: [1p.]. doi: 10.1093/biolre/ioz131 . Open Access Article	Equine

Date	Citation	Species
2019	Lessard M, Herst PM, Charest PL, Navarro P, Joly-Beauparlant C, Droit A, Kimmins S, Trasler J, Benoit-Biancamano MO, MacFarlane AJ, Dalvai M, Bailey JL. Prenatal Exposure to Environmentally-Relevant Contaminants Perturbs Male Reproductive Parameters Across Multiple Generations that are Partially Protected by Folic Acid Supplementation. <i>Sci Rep.</i> 2019 Sept 25; 9: [1p.]. doi: https://doi.org/10.1038/s41598-019-50060-z . Open Access Article	Zebrafish
2019	Li R, Xing QW, Wu XL, Zhang L, Tang M, Tang JY, Wang JZ, Han P, Wang SQ, Wang W, Zhang W, Zhou GP, Qin ZQ. Di-n-butyl phthalate epigenetically induces reproductive toxicity via the PTEN/AKT pathway. <i>Cell Death & Disease.</i> 2019 April 05; 10(307): 2-15. doi: https://doi.org/10.1038/s41419-019-1547-8 . Open Access Article	Rat
2019	Lores P, Dacheux D, Kherraf ZE, Nsota Mbango JF, Coutton C, Stouvenel L, Radio CI, Amiri-Yekta A, Whitfield M, Schmitt A, Cazin C, Givelet M, Ferreux L, Mustapha SFB, Halouani L, Marrakchi O, Daneshpour A, El Hourri E, Cruzeiro MD, Favier M, Guillonneau F, Chaudhry M, Sakheli Z, Wolf JP, Patrat C, Gacon G, Savinov SN, Hosseini SH, Robinson DR, Zouari R, Ziyyat A, Arnoult C, Dulioust E, Bonhivers M, Ray PF, Toure A. Mutations in TTC29, Encoding an Evolutionarily Conserved Axonemal Protein, Result in Asthenozoospermia and Male Infertility. <i>CellPress.</i> 2019 Nov. 14: [1p.]. doi: https://doi.org/10.1016/j.ajhg.2019.10.007 .	Mouse
2019	Lu Y, Oura S, Matsumura T, Oji A, Sakurai N, Fujihara Y, Shimada K, Miyata H, Tobita T, Noda T, Castaneda JM, Kiyozumi D, Zhang Q, Larasati T, Young SA, Kodani M, Huddleston CA, Robertson MJ, Coarfa C, Isotani A, Aitken RJ, Okabe M, Matzuk MM, Garcia TX, Ikawa M. CRISPR/Cas9-Mediated Genome Editing Reveals 30 Testis-Enriched Genes Dispensable for Male Fertility in Mice. <i>Biol Reprod.</i> 2019 Jun 14; ioz103: [1p.]. doi:10.1093/biolre/ioz103. Open Access Article	Mouse
2019	Malo C, Grundin J, Morrell JM, Skidmore JA. Individual Male Dependent Improvement in Post-thaw Dromedary Camel Sperm Quality After Addition of Catalase. <i>Animal Reproduction Science.</i> 2019 Aug 20; 209: 106168. doi: https://doi.org/10.1016/j.anireprosci.2019.106168 .	Camel
2019	Marvel M. The Roles of Gonadotropin-releasing Hormone 2 (Gnrh2) in Feeding and Reproduction in Zebrafish: A Potential Mediator of These Interlinked Processes [dissertation]. [Baltimore]: University of Baltimore; 2019. 223	Zebrafish
2019	McBrinn RC, Fraser J, Hope AG, Gray DW, Barratt CLR, Martins da Silva SJ, Brown SG. Novel Pharmacological Actions of Trequinsin Hydrochloride Improve Human Sperm Cell Motility and Function. <i>BJP.</i> 2019 August 01: [1p.]. doi: 10.1111/bph.14814.	Human

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2019	Mei S, Chen P, Lee CL, Zhao W, Wang Y, Lam KKW, Ho PC, Yeung WSB, Fang C, Chiu PCN. The Role of Galectin-3 in Spermatozoa-Zona Pellucida Binding and Its Association with Fertilization In Vitro. <i>Mol Hum Reprod</i> . 2019 June 13: [1p.]. doi: https://doi.org/10.1093/molehr/gaz030 .	Human
2019	Miller JS, Bose APH, Fitzpatrick JL, Balshine S. Sperm maturation and male tactic-specific differences in ejaculates in plainfin midshipman fish <i>Porichthys notatus</i> . <i>Fish Biology</i> . 2019 Jan 30: [1p.]. doi: 10.1111/jfb.13912.	Midshipman Fish
2019	Miller JS, Mazzoldi C, Rasotto MB, Balshine S. Differential Investment in Male Accessory Glands: Lessons from a Marine Fish with Alternative Reproductive Tactics. <i>Marine Biology</i> . 2019 Feb 13; 166(37): [1p.]. doi: https://doi.org/10.1007/s00227-019-3474-8 .	Fish
2019	Myers JN. Analysis of Gamete Interactions, Maternal, and Paternal Effects for Improving Hybrid Catfish Aquaculture [master's thesis]. [Auburn (AL)]: Alabama; 2019. 207 p. Open Access Article	Fish
2019	Najafi A, Kia HD, Mehdipour M, Shamsollahi M, Miller DJ. Does fennel extract ameliorate oxidative stress frozen-thawed ram sperm? <i>Cryobiology</i> . 2019 March 1: [1p.]. doi: https://doi.org/10.1016/j.cryobiol.2019.02.006 .	Ram
2019	Nongbua T, Utta A, Am-in Am-in N, Suwimonteerabutr J, Johannisson A, Morrell J. Effects of Season and Single Layer Centrifugation on Bull Sperm Quality in Thailand. <i>AJAS</i> . 2019 Dec. 24: [1p.]. Open Access Article	Bovine
2019	Popovic M, Dhaenens L, Taelman J, Dheedene A, Bialecka M, De Sutter P, de Sousa Lopes SMC, Menten B, Heindryckx B. Extended In Vitro Culture of Human Embryos Demonstrates the Complex Nature of Diagnosing Chromosomal Mosaicism From a Single Trophectoderm Biopsy. <i>Human Reproduction</i> . 2019 March 6: [1p.]. doi: https://doi.org/10.1093/humrep/dez012 .	Human
2019	Rota A, Sabatini C, Przybyl A, Ciaramelli A, Panzani D, Camillo F. Post-thaw addition of caffeine and/or pentoxifylline affect differently motility of horse and donkey cryopreserved spermatozoa. <i>Jrnl of Equine Veterinary Science</i> . 2019 Jan 29: [1p.]. doi: https://doi.org/10.1016/j.jevs.2019.01.003 .	Equine
2019	Schubert B, Badiou M, Force A. Computer-aided Sperm Analysis, the New Key Player in Routine Sperm Assessment. <i>Andrologia</i> . 2019 Sept 02: [1p.]. doi: https://doi.org/10.1111/and.13417 .	Human
2019	Shimada K, Kato H, Miyata H, Ikawa M. Glycerol Kinase 2 is Essential for Proper Arrangement of Crescent-like Mitochondria to Form the Mitochondrial Sheath During Mouse Spermatogenesis. <i>J Reprod Dev</i> . 2019 Jan 21: 1-33. doi: 10.1262/jrd.2018-136. [Epub ahead of print] Open Access Article	Mouse

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2019	Støstad HN, Rowe M, Johnsen A, Tomášek O, Albrecht T, Lifjeld JT. Sperm Head Abnormalities are Associated with Excessive Omega-6 Fatty Acids in Two Finch Species Feeding on Sunflower Seeds. <i>Journal of Avian Biology</i> . 2019 Feb 8; 50 (3): [1p.]. doi: https://doi.org/10.1111/jav.02056 .	Finch
2019	Suriaty R, Mohd Hafiz AR, Roslina A, Mastura Y, Saifullizam AK. Evaluation of Spermatozoa Quality Traits using Two Different Chilling Method in Bulls. <i>Malaysian Journal of Veterinary Research</i> . 2019 Jan; 10(2): 57-61. Open Access Article	Bovine
2019	Umehara T, Tsujita N, Shimada M. Activation of Toll-like Receptor 7/8 Encoded by the X Chromosome Alters Sperm Motility and Provides a Novel Simple Technology for Sexing Sperm. <i>PLOS Biology</i> . 2019 August 13; 17(8): 1-24. doi: https://doi.org/10.1371/journal.pbio.3000398 . Open Access Article	Mouse
2019	Vega-Trejo R, Fox RJ, Iglesias-Carrasco M, Head ML, Jennions MD. The Effects of Male Age, Sperm Age and Mating History on Ejaculate Senescence. <i>Functional Ecology</i> . 2019 Feb 13: [1p.]. doi: https://doi.org/10.1111/1365-2435.13305 .	Mosquitofish
2019	Wun WSA, Mangal R, Bukowski E, Vanijgul C, Chauhan R, Wun IC. Negative Impact of Non-Male Factor ICSI can be Alleviated by Capacitated/Acrosome Reacted Spermatozoa. <i>Gynecology & Reproductive Health</i> . 2019 Dec. 15; 3(5): 1-4. Open Access Article	Mouse
2019	Zhang P, Jiang W, Luo N, Zhu W, Fan L. IQ Motif Containing D (IQCD), A New Acrosomal Protein Involved in the Acrosome Reaction And Fertilisation. <i>Reproduction, Fertility and Development</i> . 2019 Feb 4: [1p.]. doi: https://doi.org/10.1071/RD18416 .	Mouse
2019	Zhu Z, Kawai T, Umehara T, Hoque SM, Zeng W, Shimada M. Negative Effects of ROS Generated During Linear Sperm Motility on Gene Expression and ATP Generation in Boar Sperm Mitochondria. <i>Free Radical Biology and Medicine</i> . 2019 Sept; 141: 159-171. doi: https://doi.org/10.1016/j.freeradbiomed.2019.06.018 .	Boar
2018	Achikanu C, Pendekanti V, Teague R, Publicover S. Effects of pH Manipulation, CatSper Stimulation and Ca ²⁺ -store Mobilization on [Ca ²⁺] _i and Behaviour of Human Sperm. <i>Human Reproduction</i> . 2018 Sept 17; 33(10): 1802-1811. doi: https://doi.org/10.1093/humrep/dey280 .	Human

Date	Citation	Species
2018	Akcaý B, Findikli N, Aksoy T, Teke B, Oral E, Kavrut M, Bahceci M. Laboratory and Clinical Outcomes of Spermatozoa Prepared Through a Microfluidic Device: a Prospective Pilot Sibling Oocyte Study. <i>Fertility and Sterility</i> . 2018 Oct 10; 110(4): e343. doi: https://doi.org/10.1016/j.fertnstert.2018.07.958 .	Human
2018	Al-Bulushi S, Manjunatha BM, Bathgate R, Rickard JP, de Graaf SP. Effect of Semen Collection Frequency on the Semen Characteristics of Dromedary Camels. <i>Animal Reproduction Science</i> . 2018 Aug 17: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.08.022 .	Camel
2018	Alipour Jenagrad P, Daghigh Kia H, Moghaddam G, Ebrahimi M. Evaluating caffeine antioxidant properties on Ghezel ram sperm quality after freeze-thawing. <i>Revue Med Vet</i> . 2018 Nov; 169(10-12): 233-240. Open Access Article	Ram
2018	Bertram MG, Ecker TE, Wong BBM, O'Bryan MK, Baumgartner JB, Martin JM, Saaristo M. The Antidepressant Fluoxetine Alters Mechanisms of Pre- and Post-Copulatory Sexual Selection in the Eastern Mosquitofish (<i>Gambusia holbrooki</i>). <i>Environmental Pollution</i> . 2018 March 20; 238:238-247. doi: https://doi.org/10.1016/j.envpol.2018.03.006	Mosquitofish
2018	Bormann CL, Curchoe C. Optimization of sperm culture conditions for assisted reproductive technologies. <i>Fertility and Sterility</i> . 2018 Oct 10: 586. doi: https://doi.org/10.1016/j.fertnstert.2018.07.959 .	Human
2018	Campbell DEK, Montgomerie RD, Langlois VS. Lifecycle Exposure to Perchlorate Differentially Alters Morphology, Biochemistry, and Transcription as well as Sperm Motility in <i>Silurana tropicalis</i> Frogs. <i>Environmental Pollution</i> . 2018 June; 237: 196-204. doi: https://doi.org/10.1016/j.envpol.2018.02.038 .	Frog
2018	Cardozo G, Pilastro A. Female nutritional condition affects ovarian fluid quality in guppies. <i>Biology Letters</i> . 2018 May 30; 14(5):[1p.]. doi: 10.1098/rsbl.2018.0122.	Fish
2018	Coutton et al., Mutations in CFAP43 and CFAP44 Cause Male Infertility and Flagellum Defects in Trypanosoma and Human. <i>Nature Communications</i> . 2018 Feb 15; 9(686): 1-18. doi: 10.1038/s41467-017-02792-7. Open Access Article	Mouse
2018	Desmet KLJ, Marei WFA, Pintelon I, Bol PEJ, Leroy JLMR. The Effect of Elevated Non-Esterified Fatty Acid Concentrations on Bovine Spermatozoa and on Oocyte In Vitro Fertilisation. <i>Reproduction, Fertility and Development</i> . 2018 May 30: [1p.]. doi: https://doi.org/10.1071/RD17507 .	Bovine

Date	Citation	Species
2018	Dudiki T, Joudeh N, Sinha N, Goswami S, Eisa A, Kline D, Vijayaraghavan S. The protein phosphatase isoform PP1 γ 1 substitutes for PP1 γ 2 to support spermatogenesis but not normal sperm function and fertility. <i>Biology of Reproduction</i> . 2018 Oct 30; [1p.]. doi: https://doi.org/10.1093/biolre/ioy225 .	Mouse
2018	Firman RC, Garcia-Gonzalez F, Simmons LW, Andre GI. A Competitive Environment Influences Sperm Production, But Not Testes Tissue Composition, In House Mice. <i>Evolutionary Biology</i> . 2018 Aug 12; [1p.]. doi: https://doi.org/10.1111/jeb.13360 .	Mouse
2018	Gruhot TR, Park SB, Popoola MA, Liao SF, Mote BE, Feugang JM. 157 Dietary L-arginine supplementation affects boar seminal plasma proteome. <i>Reproduction, Fertility and Development</i> . 2018 Dec 3; 31(3): 203-204. doi: https://doi.org/10.1071/RDv31n1Ab157 .	Boar
2018	Hou X, Huang D, Meng Q, Zhang Q, Jia L, Wang S, Cheng Z, Wu S, Shang L, Jiang J, Hao W. Pubertal Chlorocholine Chloride Exposure Inhibits Testicular Testosterone Synthesis by Down-Regulating Steroidogenic Enzymes in Adult Rats. <i>Toxicology Letters</i> . 2018 May 15; 288: 17-24. doi: https://doi.org/10.1016/j.toxlet.2018.02.015 .	Rats
2018	Johnson SL, Zellhuber-McMillan S, Gillum J, Dunleavy J, Evans JP, Nakagawa S, Gemmell NJ. Evidence that Fertility Trades off With Early Offspring Fitness as Males Age. <i>Proceedings of the Royal Society B</i> . 2018 Jan 31; 285 (1871): [1p.]. doi: 10.1098/rspb.2017.2174 .	Zebrafish
2018	Judycka S, Zarski D, Dietrich MA, Palinska-Zarska K, Karol H, Cierieszko A. Standardized Cryopreservation Protocol of European Perch (<i>Perca fluviatilis</i>) Semen Allows to Obtain High Fertilization Rates with the Use of Frozen/Thawed Semen. <i>Aquaculture</i> . 23 Aug 2018; 498: 208-216. doi: https://doi.org/10.1016/j.aquaculture.2018.08.059 .	Fish
2018	Kelly MC, Brown SG, Costello SM, Ramalingam M, Drew E, Publicover SJ, Barratt C, Da Silva SM. Single-cell analysis of [Ca ²⁺] _i signalling in sub-fertile men: characteristics and relation to fertilization outcome. <i>Human Reproduction</i> . 2018 June 1; 33(6): 1023-1033. doi: 10.1093/humrep/dey096 . Open Access Article	Human
2018	Keogh LM, Byrne PG, Silla AJ. Effect of long-term dietary beta-carotene supplementation on sperm concentration and motility in an endangered amphibian. <i>Animal Reproduction Science</i> . 2018 June 4; [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.06.003 .	Frog

Date	Citation	Species
2018	Kleppe SA, Nordeide JT, Rudolfsen G, Figenschou L, Larsen B, Reiss K, Folstad I. No support for cryptic choice by ovarian fluid in an external fertilizer. <i>Ecology and Evolution</i> . 2018 Sept 19; 2018:1-12. doi: 10.1002/ece3.4628. Open Access Article	Fish
2018	Liu Y, Grier H, Tiersch TR. Production of live young with cryopreserved sperm from the endangered livebearing fish Redtail Splitfin (<i>Xenotoca eiseni</i> , Rutter, 1896). <i>Animal Reproduction Science</i> . 2018 June 30: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.06.021 .	Fish
2018	Lugar DW, Gellert T, Proctor J, Wilcock P, Richert B, Stewart KR. Effects of Supplementation with Betaine and Superdosed Phytase on Semen Characteristics of Boars During and After Mild Heat Stress. <i>The Professional Animal Scientist</i> . 2018 August; 34(4): 326-338. doi: https://doi.org/10.15232/pas.2018-01742 .	Swine
2018	Lugar DW, Proctor JA, Safranski TJ, Lucy MC, Stewart KR. In Utero Heat Stress Causes Reduced Testicular Area at Puberty, Reduced Total Sperm Production, and Increased Sperm Abnormalities in Boars. <i>Animal Reproduction Science</i> . 2018 Feb 24: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.02.022 .	Swine
2018	Luo K, Kong J, Meng X, Luan S, Cao B, Chen B. Comparisons of Growth and Survival Performance Among Selected Families and Wild Populations of <i>Fenneropenaeus Chinensis</i> . <i>Journal of Ocean University of China</i> . 2018 March 15; 17(2): 407-412. doi: http://www.ouc.edu.cn/xbywb .	Shrimp
2018	Magris M, Chimetto G, Rizzi S, Pilastro A. Quick-change artists: male guppies pay no cost to repeatedly adjust their sexual strategies. <i>Behavioral Ecology</i> . 2018 June 14; ary087: [1p.]. doi: https://doi.org/10.1093/beheco/ary087 .	Fish
2018	Majkowski M, Laszkiewicz A, Sniezewski L, Grzmil P, Pawlicka B, Tomczyk I, Michniewicz M, Kapusniak V, Janik S, Chodaczek G, Cebrat M. Lack of NWC protein (c11orf74 homolog) in murine spermatogenesis results in reduced sperm competitiveness and impaired ability to fertilize egg cells in vitro. <i>PLoS One</i> . 2018 Dec 06: 1-16. doi: https://doi.org/10.1371/journal.pone.0208649 . Open Access Article	Mouse
2018	Malo C, Crichton EG, Morrell JM, Pukazhenthii BS, Johannisson A, Splan R, Skidmore JA. Colloid Centrifugation of Fresh Semen Improves Post-Thaw Quality of Cryopreserved Dromedary Camel Spermatozoa. <i>Animal Reproduction Science</i> . 2018 Feb 12: [1p.]. doi: https://doi.org/10.1016/j.anireprosci.2018.02.005 .	Camel

Date	Citation	Species
2018	Malo C, Elwing B, Soederstroem L, Lundeheim N, Morrell JM, Skidmore JA. Effect of Different Freezing Rates and Thawing Temperatures on Cryosurvival of Dromedary Camel Spermatozoa. <i>Theriogenology</i> . 2018 Aug 3: [1p.]. doi: https://doi.org/10.1016/j.theriogenology.2018.07.037 .	Camel
2018	Martin JM, Bertram MG, Saaristo M, Ecker TE, Hannington SL, Tanner JL, Michelangeli M, O'Bryan MK, Wong BB. Impact of the widespread pharmaceutical pollutant fluoxetine on behaviour and sperm traits in a freshwater fish. <i>Science of The Total Environment</i> . 2019 Feb 10; 650(2): 1771-1778. doi: https://doi.org/10.1016/j.scitotenv.2018.09.294 .	Fish
2018	Matthews JL, Murphy JM, Carmichael C, Yang H, Tiersch T, Westerfield M, Varga ZM. Changes to Extender, Cryoprotective Medium, and In Vitro Fertilization Improve Zebrafish Sperm Cryopreservation. 2018 Jan 25: [1p.]. doi: https://doi.org/10.1089/zeb.2017.1521 .	Zebrafish
2018	Maurice C, Kaczmarczyk M, Cote N, Tremblay Y, Kimmins S, Bailey JL. Prenatal Exposure to an Environmentally Relevant Mixture of Canadian Arctic Contaminants Decreases Male Reproductive Function in an Aging Rat Model. Cambridge University Press. 2018 Aug 13: [1p.]. doi: https://doi.org/10.1017/S2040174418000491 .	Rat
2018	Mehdipour M, Kia HD, Moghaddam G, Hamishehkar H. Effect of egg yolk plasma and soybean lecithin on rooster frozen-thawed sperm quality and fertility. <i>Theriogenology</i> . 2018 May 19; 116: 89-94. doi: https://doi.org/10.1016/j.theriogenology.2018.05.013 .	Rooster
2018	Momin M, Memis D. Sperm Quality Analysis of Normal Season (NG) and Out-Season by Photoperiod Manipulation (PG) of Male Rainbow Trout Broodstock (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> . 2018 Sept 07: 1-10. doi: https://doi.org/10.1007/s10695-018-0564-3 .	Fish
2018	Naz S, Umair M, Iqbal S. Comparison of Tris egg yolk-based, Triladyl® and Optixell® extender on post-thaw quality, Kinematics and in vivo fertility of Nili Ravi Buffalo (<i>Bubalus bubalis</i>) bull spermatozoa. <i>Andrologia</i> . 2018 June 9; e13063: [1p.]. doi: https://doi.org/10.1111/and.13063 .	Buffalo
2018	Naz S, Umair M, Iqbal S. Ostrich egg yolk improves post thaw quality and in vivo fertility of Nili Ravi buffalo (<i>Bubalus bubalis</i>) bull spermatozoa. <i>Theriogenology</i> . 2018 Dec 06: [1p.]. doi: https://doi.org/10.1016/j.theriogenology.2018.12.018 .	Bovine

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2018	Neirijnck Y, Calvel P, Kilcoyne KR, Kuhne F, Stevant I, Griffeth RJ, Pitetti JL, Andric SA, Hu MC, Pralong F, Smith LB, Nef S. Insulin and IGF1 Receptors are Essential for the Development and Steroidogenic Function of Adult Leydig Cells. <i>Faseb Journal</i> . 2018 Jan 24: [1p.]. doi: https://doi.org/10.1096/fj.201700769RR .	Mouse
2018	Neirijnck Y, Kuhne F, Mayere C, Pavlova E, Sararols P, Foti M, Atanassova N, Nef S. The tumor suppressor PTEN regulates negatively Sertoli cell proliferation, testis size and sperm production in vivo. <i>Endocrinology</i> . 2018 Dec 20: [1p.]. doi: 10.1111/mec.14999.	Mouse
2018	Noda T, Fujihara Y, Matsumura T, Oura S, Kobayashi S, Ikawa M. Seminal vesicle secretory protein 7, PATE4, is not required for sperm function but for copulatory plug formation to ensure fecundity. <i>Biol Reprod</i> . 2018 Nov 18; ioy247: 1-33. doi: 10.1093/biolre/iy247. Open Access Article	Mouse
2018	Nozawa K, Satouh Y, Fujimoto T, Oji A, Ikawa M. Sperm-borne Phospholipase C zeta-1 Ensures Monospermic Fertilization in Mice. <i>Scientific Reports</i> . 2018 Jan 22;8(1315): 1-10. doi: 10.1038/s41598-018-19497-6. Open Access Article	Mouse
2018	Nugent BM, Stiver KA, Hofmann HA, Alonzo SH. Experimentally-induced variation in neuroendocrine processes affects male reproductive behavior, sperm characteristics, and social interactions. <i>Molecular Ecology</i> . 2018 Dec 26: [1p.]. doi: 10.1111/mec.14999.	Fish
2018	Rota A, Sabatini C, Przybyl A, Ciaramelli A, Panzani D, Camillo F. Post-thaw Addition of Caffeine and/or Pentoxifylline Affect Differently Motility Characteristics of Horse and Donkey Cryopreserved Spermatozoa. <i>Journal of Equine Veterinary Science</i> . 2018 July; 66: 85-86. doi: https://doi.org/10.1016/j.jevs.2018.05.052 .	Equine
2018	Sakamoto S, Thumkeo D, Ohta H, Zhang Z, Huang S, Kanchanawong P, Fuu T, Watanabe S, Shimada K, Fujihara Y, Yoshida S, Ikawa M, Watanabe N, Saitou M, Narumiya S. mDia1/3 generate cortical F-actin meshwork in Sertoli cells that is continuous with contractile F-actin bundles and indispensable for spermatogenesis and male fertility. <i>PLoS Biol</i> . 2018 Sept 26; 16(9): e2004874. doi: http://dx.doi.org/10.17632/vczdgtbsbxz.1 . Open Access Article	Mice
2018	Seed CE, Tomkins JL. Positive Size-Speed Relationships in Gametes and Vegetative Cells of <i>Chlamydomonas Reinhardtii</i> ; Implications for the Evolution of Sperm. <i>Evolution</i> . 2018 Jan 18: [1p.]. doi: 10.1111/evo.13427.	Algae
2018	Soni Y, Talluri TR, Kumar A, Ravi SK, Metha JS, Tripathi BN. Effects of different concentration and combinations of cryoprotectants on sperm quality, functional integrity in three Indian horse breeds. <i>Cryobiology</i> . 2018 Dec 18: [1p.]. doi: https://doi.org/10.1016/j.cryobiol.2018.12.005 .	Equine

Date	Citation	Species
2018	Stival C, Ritagliati C, Xu X, Gervasi MG, Luque GM, Graf CB, Vega-Beltrán JL, Torres N, Darszon A, Krapf D, Buffone MG, Visconti P, Krapf D. Disruption of protein kinase A localization induces acrosomal exocytosis in capacitated mouse sperm. <i>J Biol Chem</i> . 2018 April 26: 1-24. doi: 10.1074/jbc.RA118.002286. Open Access Article	Mouse
2018	Stostad HN, Johnsen A, Lifjeld JT, Rowe M. Sperm Head Morphology is Associated with Sperm Swimming Speed: A Comparative Study of Songbirds using Electron Microscopy. <i>Evolution</i> . 2018 July 17: [1p.]. doi: https://doi.org/10.1111/evo.13555 .	Avian
2018	Yousefian I, Emamverdi M, Karamzadeh-Dehaghani A, Sabzian-Melei R, Zhandi M, Zare-Shahneh A. Attenuation of Cryopreservation-Induced Oxidative Stress by Antioxidant: Impact of Coenzyme Q10 on the Quality of Post-Thawed Buck Spermatozoa. <i>Cryobiology</i> . 2018 Feb 9: [1p.]. doi: https://doi.org/10.1016/j.cryobiol.2018.02.005 .	Goat
2017	Agostinho RFA, Andrade VAA, Caiado RPD, Barreto MAP, Caiado JRC, Shimoda E, Silva JFS. The Addition of the Salmon Oil in the Freezing of Equine Semen. <i>Rev Bras Saude Prod Anim Salvador</i> . 2017 Dec; 18(4): 604-609. doi: http://dx.doi.org/10.1590/s1519-99402017000400011 . Open Access Article	Equine
2017	Arsenakisa I, Appeltant R, Sarrazin S, Rijsselaere T, Soom AV, Maes D. Relationship Between Semen Quality And Meat Quality Traits In Belgian Piétrain Boars. <i>Livestock Science</i> . 2017 Sept 14: [1p.]. doi: https://doi.org/10.1016/j.livsci.2017.09.009 .	Boar
2017	Bartlett MJ, Steeves TE, Gemmell NJ, Rosengrave PC. Sperm Competition Risk Drives Rapid Ejaculate Adjustments Mediated by Seminal Fluid. <i>Elife</i> . 2017 Oct 31; 6:e28811. doi: 10.7554/eLife.28811. Open Access Article	Fish
2017	Blawut BJ. Enhancing Saugeye (<i>Sander vitreus</i> x <i>S. canadensis</i>) Production Through the Use of Assisted-Reproduction Technologies. Ohio State University. 2017 May: 25-27. Open Access Article	Fish
2017	Boumaza K, Loukil A, Aarizou K. Computer Aided Human Sperm Motility Detection. <i>IEEE</i> . 2017 Dec: 1-5. Open Access Article	Human
2017	Castaneda JM, Hua R, Miyata H, Oji A, Guo Y, Cheng Y, Zhou T, Guo T, Guo X, Cui Y, Shen B, Wang Z, Hu Z, Zhou Z, Sha J, Prunskaitė-Hyyryläinen R, Yu Z, Ramirez-Solis R, Ikawa M, Matzuk MM, Liu M. TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. <i>PNAS</i> . 2017 June 19; 114(27). doi: 10.1073/pnas.1621279114. Open Access Article	Mouse

Date	Citation	Species
2017	Challouf R, Hamza A, Mahfoudhi M, Ghozzi K, Bradai MN. Environmental Assessment Of The Impact Of Cage Fish Farming On Water Quality And Phytoplankton Status In Monastir Bay (Eastern Coast Of Tunisia). <i>Aquaculture International</i> . 2017 Aug 26: [1p.]. doi:https://doi.org/10.1007/s10499-017-0187-1.	Plankton
2017	Cheng J, Cabezon FA, Que Y, Schinckel AP. 071 Evaluation of the impact of the magnitude of errors in the sorting of pigs for market on the optimal market weight. <i>Journal of Animal Science</i> . 2017 March 31; 95(2): 33-34. doi:10.2527/asasmw.2017.071.	Swine
2017	Cheng JM, Tang JX, Li J, Wang YQ, Wang XX, Zhang Y, Chen SR, Liu YX. Role of WNT Signaling in Epididymal Sperm Maturation. <i>J Assist Reprod Genet</i> . 2017 Nov 20: 1-8. doi: https://doi.org/10.1007/s10815-017-1066-4.	Mouse
2017	Culpepper CM, Guitreau AM, Allred S, Tiersch TR, Allen PJ. Evaluation of Commercial-scale Approaches for Cryopreservation of White Crappie, <i>Pomoxis annularis</i> , Sperm. <i>World Aquaculture Society</i> . 2017 Oct 29: [1p.]. doi: 10.1111/jwas.12477.	Fish
2017	D'Amours O, Frenette G, Bourassa S, Calvo E, Blondin P, Sullivan R. Proteomic Markers of Functional Sperm Population in Bovines: Comparison of Low- and High-Density Spermatozoa Following Cryopreservation. <i>J Proteome Res</i> . 2017 Nov 17: [1p.]. doi: 10.1021/acs.jproteome.7b00493.	Bovine
2017	Devigili A, Fitzpatrick JL, Gasparini C, Ramnarine IW, Pilastro A, Evans JP. Possible glimpses into early speciation: the effect of ovarian fluid on sperm velocity accords with post-copulatory isolation between two guppy populations. <i>Evolutionary Biology</i> . 2017 Nov 7: [1p.]. doi: 10.1111/jeb.13194.	Fish
2017	Dogliero A, Mauthe von Degerfeld M, Quaranta G, Rota A. Positive effect of semen collection training on <i>Melopsittacus undulatus</i> semen quality. <i>Reproduction in Domestic Animals (Poster Presentations)</i> . 2017 Aug 16; 52 (S3):46. doi:10.1111/rda.13026.	Parrot
2017	Domoslawska A, Zdunczyk S, Jurczak A, Janowski T. <i>Stenotrophomonas maltophilia</i> isolated from prostatic fluid as an infertility factor in a male dog. <i>Andrologia</i> . 2017 Feb: [1p.]. doi: 10.1111/and.12769.	Canine
2017	Elmi A, Ventrella D, Barone F, Filippini G, Benvenuti S, Pisi A, Scozzoli M, Bacci ML. <i>Thymbra capitata</i> (L.) Cav. and <i>Rosmarinus officinalis</i> (L.) Essential Oils: In Vitro Effects and Toxicity on Swine Spermatozoa. <i>Molecules</i> 2017. 2017 Dec. 6; 22(12): 2162. doi: 10.3390/molecules22122162. Open Access Article	Swine

Date	Citation	Species
2017	Forstmeier W, Ihle M, Opatova P, Martin K, Knief U, Albrechtova J, Albrecht T, Kempnaers B. Testing the phenotype-linked fertility hypothesis in the presence and absence of inbreeding. <i>Journal of Evolutionary Biology</i> . 2017 April 5: [1p.]. doi: 10.1111/jeb.13062.	Bird
2017	Gasparini C, Dosselli R, Evans JP. Sperm storage by males causes changes in sperm phenotype and influences the reproductive fitness of males and their sons. <i>Evolution Letters</i> . 2017 May 3; 1(1): 16-24. doi:10.1002/evl3.2. Open Access Article	Fish
2017	Gebner C, Johnson SL, Fisher P, Clarke S, Rutherford K, Symonds J, Gemmell NJ. Male–female relatedness at specific SNP-linkage groups influences cryptic female choice in Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Proc Biol Sci</i> . 2017 July 26; 284: 1859. doi: 10.1098/rspb.2017.0853.	Fish
2017	Grueber CE, Fitzpatrick JL, Devigili A, Gasparini C, Ramnarine IW, Evans JP. Population demography and heterozygosity–fitness correlations in natural guppy populations: An examination using sexually selected fitness traits. <i>Molecular Ecology</i> . 2017 Aug 14: [1p.].	Fish
2017	Han F, Liu C, Zhang L, Chen M, Zhou Y, Qin Y, Wang Y, Chen M, Duo S, Cui X, Bao S, Gao F. Globozoospermia and Lack of Acrosome Formation in GM130-Deficient Mice. <i>Cell Death and Disease</i> . 2017 Jan 5; 8 (e2532). doi:10.1038/cddis.2016.414. Open Access Article	Mice
2017	Huang Z, Danshina PV, Mohr K, Qu W, Goodson SG, O'Connell TM, O'Brien DA. Sperm Function, Protein Phosphorylation and Metabolism Differ in Mice Lacking Successive Sperm-specific Glycolytic Enzymes. <i>Biology of Reproduction</i> . 2017 Aug 28: [1p.]. doi:https://doi.org/10.1093/biolre/iox103.	Mice
2017	Hussaini SMH, Zhandi M, Zare Shahneh A, Sharafi M. High Dilution Rate of Bull Semen Affects Cryopreservation Outcomes: Kinematic and Flow Cytometric Parameters. <i>Iranian Journal of Veterinary Medicine</i> . 2017 Feb 15; 11(4): 1-5. doi: 10.22059/ijvm.2017.225373.1004790. Open Access Article	Bovine
2017	Iqbal S, Naz S, Ahmed H, Andrabi SMH. Cryoprotectant effect of trehalose in extender on post-thaw quality and in vivo fertility of water buffalo (<i>Bubalus bubalis</i>) bull spermatozoa. <i>Andrologia</i> . 2017 Feb 22: [1p.]. doi: 10.1111/and.12794.	Buffalo
2017	Ismail NH, Osman K, Yusof FZM, Mohamad SFS, Jaafar FHF, Ibrahim SF. Improvement of Post-Thaw Sperm Kinematics and DNA Integrity of Cross-Bred Bovine Sperm by Incorporating DGC as Selection Method Prior to Cryopreservation. <i>Journal of Agricultural Science</i> . 2017 Dec 31; 9(13): 24-29. doi: 10.5539/jas.v9n13p24	Bovine

Date	Citation	Species
2017	Karimi R, Towhidi A, Zeinoaldini S, Rezayazdi K, Mousavi M, Safari H, Martinez-Pastor F. Effects of supplemental conjugated linoleic acids (CLA) on fresh and post-thaw sperm quality of Holstein bulls. <i>Reproduction in Domestic Animals</i> . 2017 Feb 7: [1p.]. doi: 10.1111/rda.12932.	Bovine
2017	Karmon AE, Toth TL, Chiu YH, Gaskins AJ, Tanrikut C, Wright DL, Hauser R, Chavarro JE. Male caffeine and alcohol intake in relation to semen parameters and in vitro fertilization outcomes among fertility patients. <i>Andrology</i> . 2017 Feb 10: [1p.]. doi:10.1111/andr.12310.	Human
2017	Kherraf ZE, Christou-Kent M, Karaouzene T, Amiri-Yekta A, Martinez G, Vargas AS, Lambert E, Borel C, Dorphin B, Aknin-Seifer I, Mitchell MJ, Metzler-Guillemain C, Escoffier J, Nef S, Grepillat M, Thierry-Mieg N, Satre V, Bailly M, Boitrelle F, Pernet-Gallay K, Hennebicq S, Faure J, Bottari SP, Coutton C, Ray PF, Arnoult C. SPINK2 deficiency causes infertility by inducing sperm defects in heterozygotes and azoospermia in homozygotes. <i>EMBO Molecular Medicine</i> . 2017 May 29; 9(6): 733-852. doi:10.15252/emmm.201607461. Open Access Article	Mice
2017	Kociolek JP, Hamsher SE, Kulikovskiy M, Bramburger AJ. Are There Species Flocks in Freshwater Diatoms? A Review of Past Reports and a Look to the Future. <i>Hydrobiologia</i> . 2017 Jan 2: 1-196. doi:10.1007/s10750-016-3075-1.	Algae
2017	Kong N, Xu X, Zhang Y, Wang Y, Hao X, Zhao Y, Qiao J, Xia G, Zhang M. Natriuretic Peptide Type C Induces Sperm Attraction for Fertilization in Mouse. <i>Scientific Reports</i> . 2017 Jan 5; 7 (39711): doi: 10.1038/srep39711.	Mice
2017	Lehnert SJ, Butts IAE, Flannery EW, Peters KM, Heath DD, Pitcher TE. Effects of Ovarian Fluid and Genetic Differences on Sperm Performance and Fertilization Success of Alternative Reproductive Tactics in Chinook Salmon. <i>Journal of Evolutionary Biology</i> . 2017 April 7: [1p.]. doi: 10.1111/jeb.13088.	Fish
2017	Lewis JA, Pitcher TE. The effects of rival seminal plasma on sperm velocity in the alternative reproductive tactics of Chinook salmon. <i>Theriogenology</i> . 2017 April 1; 92(1): 24-29. doi: http://dx.doi.org/10.1016/j.theriogenology.2016.12.032 .	Fish
2017	Liu Y, Torres L, Tiersch TR. Quality evaluation of sperm from livebearing fishes: Standardized assessment of sperm bundles (spermatozeugmata) from <i>Xenotoca eiseni</i> (Goodeidae). <i>Theriogenology</i> . 2018 Feb; 107:50-56. doi: https://doi.org/10.1016/j.theriogenology.2017.10.037	Fish
2017	Lugar DW, Krom WA, Proctor JA, Mings PD, Stewart KR. 072 Effects of supplemental betaine to semen extenders on semen quality in boars. <i>Journal of Animal Science</i> . 2017 March 31; 95(2): 34. doi:10.2527/asasmw.2017.072.	Boar

Date	Citation	Species
2017	Lugar DW, Ragland D, Stewart KR. Influenza Outbreak Causes Reduction in Semen Quality of Boars. <i>J Swine Health Prod.</i> 2017 April 25;25(6):303–307. Open Access Article	Boar
2017	Magris M, Cardozo G, Santi F, Devigilli A, Pilastro A. Artificial insemination unveils a first-male fertilization advantage in the guppy. <i>Animal Behaviour.</i> 2017 Aug 10: 45-55. doi: https://doi.org/10.1016/j.anbehav.2017.07.009 .	Fish
2017	Malo C, Crichton EG, Morrell JM, Pukazhenthil BS, Skidmore JA. Single layer centrifugation of fresh dromedary camel semen improves sperm quality and in vitro fertilization capacity compared with simple sperm washing. <i>Reproduction in Domestic Animals.</i> 2017 Aug 17: [1p.]. doi: 10.1111/rda.13036.	Goat
2017	Marsh JN, Vega-Trejo R, Jennions MD, Head ML. Why Does Inbreeding Reduce Male Paternity? Effects on Sexually Selected Traits. <i>Evolution.</i> 2017 Aug 31: [1p.]. doi: 10.1111/evo.13339.	Mosquitofish
2017	Mehdipour M, Kia HD, Nazari M, Najafi A. Effect of Lecithin Nanoliposome or Soybean Lecithin Supplemented by Pomegranate Extract on Post-Thaw Flow Cytometric, Microscopic and Oxidative Parameters in Ram Semen. <i>Cryobiology.</i> 2017 July 14: [1p.]. doi: https://doi.org/10.1016/j.cryobiol.2017.07.005 .	Ram
2017	Nagata M, Suzuki T. L-carnitine Partially Improves Metabolic Syndrome Symptoms but does not Reverse Perturbed Sperm Function or Infertility in High Fat Diet-Induced Obese Mice. <i>M J Nutri.</i> 2017 Mar 27; 2(1): 1-7. Open Access Article	Mice
2017	Nissen MS, Krause O, Almstrup K, Kjaerulff S, Nielsen TT, Nielsen M. Convolutional Neural Networks For Segmentation And Object Detection Of Human Semen. <i>ARXIV.</i> 2017 April 3: 1-9. Open Access Article.	Human
2017	Nongbua T, Uta A, Am-in N, Suwimonteerabutr J, Nedumpun T, Johannisson A, Morrell J. Post-thaw bull sperm quality in different seasons in Thailand. <i>Reproduction in Domestic Animals (Oral Communications).</i> 2017 Aug; 16(S3): 50-65. doi: 10.1111/rda.13025.	Bovine
2017	Nongbua T. The Role of Bovine Seminal Plasma in Fertility. <i>Swedish University of Agricultural Sciences.</i> 2017:33. Open Access Article	Bovine
2017	Proctor JA, Lugar DW, Lucy MC, Safranski TJ, Stewart KR. 398 Effects of in utero heat stress on boar growth and reproduction prior to, during, and after puberty. <i>Journal of Animal Science.</i> 2017 March 31; 95 (2): 193. doi:10.2527/asasmw.2017.398.	Boar

Date	Citation	Species
2017	Rashedi M, Fazeli MH, Gholami H, Bahreini M. Polymyxin B effects on motility parameters of cryopreserved bull semen. <i>Asian Pacific Journal of Reproduction</i> . 2017 June. 6(1): 36-41. Open Access Article	Bovine
2017	Rota A, Perulli G, Sabatini C, Panzani D, Camillo F. Cooled Semen Artificial Insemination in Donkeys: Field Results. <i>Reproduction in Domestic Animals (Poster Presentations)</i> . 2017 Aug 16; 52(S3): 189. doi:10.1111/rda.13026.	Donkey
2017	Rota A, Sgorbini M, Panzani D, Bonelli F, Baragli P, Ille N, Gatta D, Sighieri C, Casini L, Maggiorelli MM, Aurich C, Camillo F. Effect of housing system on reproductive behaviour and on some endocrinological and seminal parameters of donkey stallions. <i>Reproduction in Domestic Animals</i> . 2017 Aug 14: [1p.]. doi: 10.1111/rda.13050.	Donkey
2017	Rota A, Tesi M, Casini L. Oral Administration of Omega-3 Affects Post-Thaw Motility of Canine Spermatozoa. <i>Universita Di Pisa</i> . 2017 July; 86:1. doi: http://hdl.handle.net/11568/905229	Canine
2017	Shorter JR, Odet F, Aylor DL, Pan W, Kao CY, Fu CP, Morgan AP, Greenstein S, Bell TA, Stevans AM, Feathers RW, Patel S, Cates SE, Shaw GD, Miller DR, Chesler EJ, McMillian L, O'Brien DA, Pardo-Manuel de Villena F. Male Infertility Is Responsible for Nearly Half of the Extinction Observed in the Mouse Collaborative Cross. <i>Genetics</i> . 2017 June 1; 206 (2): 557-572. doi: https://doi.org/10.1534/genetics.116.199596 .	Mouse
2017	Silla AJ, Keogh LM, Byrne PG. Sperm Motility Activation In The Critically Endangered Booroolong Frog: The Effect Of Medium Osmolality And Phosphodiesterase Inhibitors. <i>Reproduction, Fertility and Development</i> . 2017 March 31: [1p.]. doi: https://doi.org/10.1071/RD17012 .	Frog
2017	Singh DK, Deshmukh RK, Narayanan PK, Sisinthy S, Siva AB. SRC family kinases in hamster spermatozoa: Evidence for the presence of LCK. <i>Reproduction</i> . 2017 March 1: [1p.]. doi: 10.1530/REP-16-0591.	Hamster
2017	Stenert C, Wusth R, Pires MM, Freiry RF, Nielsen D, Malthchik L. Composition of Cladoceran Dormant Stages in Intermittent Ponds with Different Hydroperiod Lengths. <i>Ecological Research</i> . 2017 Sept 6: 1-10. doi: https://doi.org/10.1007/s11284-017-1498-4 .	Cladoceran
2017	Stenz L, Escoffier J, Rahban R, Nef S, Paoloni-Giacobino A. Testicular Dysgenesis Syndrome and Long-Lasting Epigenetic Silencing of Mouse Sperm Genes Involved in the Reproductive System after Prenatal Exposure to DEHP. <i>PLOS ONE</i> . 2017 Jan 13; 12(1): e0170441. doi:10.1371/journal.pone.0170441. Open Access Article	Mice

Date	Citation	Species
2017	Tejpal, Mehta JS, Ravi SK, Ruhil S, Talluri TR, Kumar A, Singh D. Study of Certain Physical Parameters of Fresh Semen In Marwari Horse. <i>Veterinary Practitioner</i> . 2017 June; 18(1): 47-50. Open Access Article	Equine
2017	Thanaboonyawat I, Chantrapanichkul P, Petyim S, Kaewjunun C, Laokirkkiat P, Choavaratana R. Application of testosterone Supplementation in Semen to Improve Sperm Motility in asthenozoospermic males. <i>Arch Gynecol and Obstet</i> . 2017 July 13: 1-8. doi: https://doi.org/10.1007/s00404-017-4451-4 .	Human
2017	Tomášek O, Albrechtová J, Nemcová M, Opatová P, Albrecht T. Trade-off between carotenoid-based sexual ornamentation and sperm resistance to oxidative challenge. <i>Proceedings of the Royal Society B</i> . 2017 Jan 25; 284 (1847). doi: 10.1098/rspb.2016.2444.	Bird
2017	Torres L, Yue L, Guitreau A, Huiping Y, Terrence T. Challenges in Development of Sperm Repositories for Biomedical Fishes: Quality Control in Small-Bodied Species. <i>Zebrafish</i> . 2017 Aug 22: [1p.]. doi: https://doi.org/10.1089/zeb.2017.1426 .	Zebrafish
2017	Uzhachenko R, Boyd K, Olivares-Villagomez D, Zhu Y, Goodwin SJ, Rana T, Shanker A, Tan WJT, Bondar T, Medzhitov R, Ivanova A. Mitochondrial Protein Fus1/Tusc2 in Premature Aging and Age-Related Pathologies: Critical Roles of Calcium and Energy Homeostasis. <i>Aging</i> 2017. 2017 March 26; 9(3). doi:10.18632/aging.101213. Open Access Article .	Mice
2017	Wang C, Sun G, Wang Y, Kong N, Chi Y, Yang L, Xin Q, Teng Z, Wang X, Wen Y, Li Y, Xia G. Bacterial magnetic particles improve testes-mediated transgene efficiency in mice. <i>Drug Delivery</i> . 2017 March 10; 24 (1): 651-659. doi:10.1080/10717544.2017.1293195	Mice
2017	Wang X, Sheng N, Cui R, Zhang H, Wang J, Dai J. Gestational and lactational exposure to di-isobutyl phthalate via diet in maternal mice decreases testosterone levels in male offspring. <i>Chemosphere</i> . 2017 April; 172: 260-267. doi: http://dx.doi.org/10.1016/j.chemosphere.2017.01.011 .	Mice
2017	Yamamoto Y, Aizawa K, Mieno M, Karamatsu M, Hirano Y, Furui K, Miyashita T, Yamazaki K, Inakuma T, Sato I, Suganuma H, Iwamoto T. The effects of tomato juice on male infertility. <i>Asia Pac J of Clin Nutr</i> . 2017 Jan; 26 (1): 65-71. doi: 10.6133/apjcn.102015.17. Open Access Article	Human
2017	Yamaner G, Tuncelli G, Memis D. The Effect of Luteinizing Hormone-Releasing Hormone Analogue and Carp Pituitary Hormones on Russian Sturgeon (<i>Acipenser gueldenstaedtii</i>) Sperm Characteristic. <i>Aquaculture Research</i> . 2017 Nov 9: [1p.]. doi:10.1111/are.13550. Open Access Article	Fish

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2017	Yuan Y, Ma XS, Liang QX, Xu ZY, Huang L, Meng TG, Huang L, Meng TG, Lin F, Schatten H, Wang ZB, Sun QY. Geminin Deletion in Pre-Meiotic DNA Replication Stage Causes Spermatogenesis Defect and Infertility. <i>Journal of Reproduction and Development</i> . 2017 July 9: 3-24. Open Access Article	Mice
2017	Zhao IE, Zhao J, Xu G, Wang Z, Gao J, Cui S, Liu J. Deletion of Spata2 by CRISPR/Cas9n Causes Increased Inhibin Alpha Expression and Attenuated Fertility in Male Mice. <i>Biology of Reproduction</i> . 2017 Aug 28: [1p.]. doi: https://doi.org/10.1093/biolre/iox093 .	Mice
2016	Ahmed H, Andrabi SM, Amwar M, Jahan S. Use of post-thaw semen quality parameters to predict fertility of water buffalo (<i>Bubalus bubalis</i>) bull during peak breeding season. <i>Andrologia</i> . 2016 July 12: [1p.]. doi:10.1111/and.12639.	Buffalo
2016	Ahmed H, Andrabi SM, Jahan S. Semen quality parameters as fertility predictors of water buffalo bull spermatozoa during low breeding season. <i>Theriogenology</i> . 2016 May 12: [1 p.]. doi: 10.1016/j.theriogenology.2016.05.010.	Buffalo
2016	Alonzo SH, Stiver KA, Marsh-Rollo SE. Ovarian fluid allows directional cryptic female choice despite external fertilization. <i>Nature Communications</i> . 2016 Aug.; 7(124520): 1-8. doi:10.1038/ncomms12452. Open Access Article	Fish
2016	Bender ML, Frantzen M, Vieweg I, Falk-Petersen IB, Kreutzer-Johnsen H, Rudolfsen G, Tollefsen KE, Dubourg P, Nahrgang J. Effects of chronic dietary petroleum exposure on reproductive development in polar cod (<i>Boreogadus saida</i>). <i>Aquatic Toxicology</i> . 2016 Oct 4; 180(2016): 196-208. doi: http://dx.doi.org/10.1016/j.aquatox.2016.10.005 . Open Access Article	Fish
2016	Bergeron A, Hébert A, Guillemette C, Laroche A, Poulin MP, Aragon JP, Leclerc P, Sullivan R, Blondin P, Vigneault C, Richard FJ. Papaverine-sensitive phosphodiesterase activity is measured in bovine spermatozoa. 2016 Nov 16: [1p.]. doi: 10.1111/andr.12290.	Bovine
2016	Cramer E, Alund M, McFarlane SE, Johnsen A, Qvarnstrom A. Females discriminate against heterospecific sperm in a natural hybrid zone. <i>Evolution</i> . 2016 July 5; 70(8): 1-12. doi: 10.1111/evo.12986.	Bird
2016	Cramer E, Stensrud E, Marthinsen G, Hogner S, Johannessen L, Laskemoen T, Eybert M, Slagsvold T, Lifjeld, J, Johnsen, A. Sperm performance in conspecific and heterospecific female fluid. <i>Ecol Evol</i> . 2016 Jan. 30; 6(5): 1363-1377. doi:10.1002/ece3.1977. Open Access Article	Bird
2016	Crichton EG, Malo C, Pukazhenthil BS, Nagy P, Skidmore JA. Evaluation of cholesterol- treated dromedary camel sperm function by heterologous IVF and AI. <i>Animal Reproduction Science</i> . 2016 Aug. 31: [1p.]. doi: http://dx.doi.org/10.1016/j.anireprosci.2016.08.013 .	Camel

Date	Citation	Species
2016	Darie G, Cibotaru E, Bradu N, Djenjera I, Pirlog A. Studies Concerning The Cryopreservation of Ram Sperm. Scientific Papers-Animal Science Series: Lucrări Științifice. 2016 Sept 28; 66: 60-63. Open Access Article	Ram
2016	Darr CR, Cortopassi GA, Datta S, Varner DD, Meyers SA. Mitochondrial oxygen consumption is a unique indicator of stallion spermatozoal health and varies with cryopreservation media. Theriogenology. 2016 April 26; 86 (2016): 1382-1392. doi: 10.1016/j.theriogenology.2016.04.082.	Equine
2016	Darr CR, Martorana K, Scanlan T, Meyers S. The Effect of Low Oxygen During The Early Phases of Sperm Freezing in Stallions with Low Progressive Motility: Can We Improve Post Thaw Motility of Stallion Sperm. Jnl of Equine Veterinary Science. 2016 March 30: [1p.]. doi:10.1016/j.jevs.2016.03.022.	Equine
2016	Darr CR, Varner DD, Teague S, Cortopassi GA, Datta S, Meyers SA. Lactate and Pyruvate Are Major Sources of Energy for Stallion Sperm with Dose Effects on Mitochondrial Function, Motility, and ROS Production. Biology of Reproduction. 2016 June 22: 1-16. doi:10.1095/biolreprod.116.140707. Open Access Article	Equine
2016	Dogliero A, Rota A, Lofiego R, Mauthe von Degerfeld M, Quaranta G. Semen evaluation in four autochthonous wild raptor species using computer-aided sperm analyzer. Theriogenology. 2016 April 1; 85 (2016): 1113-1117. doi:10.1016/j.theriogenology.2015.11.023. Open Access Article	Multiple Birds
2016	Dogliero A, Rota A, Mauthe von Degerfeld M, Ricci A, Quaranta G. Preliminary semen collection and analysis in the Kea parrot. Reproduction in Domestic Animals. 2016 Oct; 51(52): 66-153.	Bird
2016	Eads AR, Kennington WJ, Evans JP. Interactive Effects of Ocean Warming and Acidification on Sperm Motility and Fertilization in the Mussel Mytilus Galloprovincialis. Marine Ecology Progress Series. 2016 Dec 29; 562: 101-111. doi:10.3354/meps11944.	Mussel
2016	Egeland TB, Rudolfson G, Nordeide JT, Folstad I. Status Specific Tailoring of Sperm Behavior in an External Fertilizer. Front. Ecol. Evol. 2016 Nov 24; 4(135). doi:https://doi.org/10.3389/fevo.2016.00135. Open Access Article	Fish
2016	Ferrer MS, Anderson DE, Miller LM, George A, Miesner M, Wilkerson M. Effect of Bovine Sperm-Bound Antisperm Antibodies on Oviductal Binding Index. Reproduction in Domestic Animals. 2016 March 4; 51 (2): 287-293. doi: 10.1111/rda.12679.	Bovine

Date	Citation	Species
2016	Gharagozloo P, Gutiérrez-Adán A, Champroux A, Noblanc A, Kocer A, Calle A, Pérez-Cerezales S, Pericuesta E, Polhemus A, Moazamian A, Drevet JR, Aitken RJ. A novel antioxidant formulation designed to treat male infertility associated with oxidative stress: promising preclinical evidence from animal models. <i>Hum Reprod.</i> 2016 Feb;31(2):252-62. doi: 10.1093/humrep/dev302. Epub 2016 Jan 4. PubMed PMID: 26732620. Open Access Article	Mouse
2016	Karunakaran M, Chakurkar EB, Ratnakaran U, Naik PK, Mondal M, Mondal A, Singh NP. Characteristics of boar semen preserved at liquid state, <i>Journal of Applied Animal Research</i> , 2016 Feb. 26; 44(1); doi: 10.1080/09712119.2016.1150848 Open Access Article	Boar
2016	Keogh LM, Byrne PG, Silla AJ. The effect of gentamicin on sperm motility and bacterial abundance during chilled sperm storage in the Booroolong frog. <i>General and Comparative Endocrinology.</i> 2016 Nov 5; 243: 51-59. doi: http://dx.doi.org/10.1016/j.ygcen.2016.11.005 .	Frog
2016	Khalil Ur Rehman H, Andrabi SMH, Ahmed H, Shah SAH. Programmable fast-freezing method improves the post-thaw motion dynamics, integrities of plasmalemma, mitochondrial transmembrane, DNA and, acrosome, and in vivo fertility of water buffalo (<i>Bubalus bubalis</i>) spermatozoa. <i>Andrologia.</i> 2016 Oct: [1p.]. doi: 10.1111/and.12733.	Buffalo
2016	Lehnert SJ, Heath DD, Devlin RH, Pitcher TE. Post-spawning sexual selection in red and white Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Behavioral Ecology.</i> 2016 Sept 20: [1p.]. doi: 10.1093/beheco/arw142.	Fish
2016	Lewis JA, Pitcher TE. Tactic-specific benefits of polyandry in Chinook salmon <i>Oncorhynchus tshawytscha</i> . <i>Journal of Fish Biology.</i> 2016 Nov 21: [1p.]. doi:10.1111/jfb.13223.	Fish
2016	Lymbery R, Kennington WJ, Evans JP. Fluorescent sperm offer a method for tracking the real-time success of ejaculates when they compete to fertilise eggs. <i>Sci. Reports.</i> 2016 March 4; 6 (22689): 1-8. doi: 10.1038/srep22689 (2016). Open Access Article	Mussels
2016	Maggavi R, Pujari S, Herekar A. Analysis of Human Sperm Head Morphology (sic.) Using Open-Source Software. <i>IJESC.</i> 2016 May; 6(5): 5997-5600. doi: 10.4010/2016.1367. Open Access Article	Human
2016	Malo C, Crichton EG, Skidmore JA. Optimization of the cryopreservation of dromedary camel semen: Cryoprotectants and their concentration and equilibration times. <i>Cryobiology.</i> 2016 Nov 3: [1p.]. doi: http://dx.doi.org/10.1016/j.cryobiol.2016.11.001 .	Camel

Date	Citation	Species
2016	Masoudi R, Sharafi M, Zareh Shahneh A, Towhidi A, Kohram H, Esmaeili V, Shahverdi A, Dadashpour Davachi N. Fertility and flow cytometry study of frozen-thawed sperm in cryopreservation medium supplemented with soybean lecithin. <i>Cryobiology</i> . 2016 May 30: [1p.]. doi:10.1016/j.cryobiol.2016.05.010	Ram
2016	Masoudi R, Sharafi M, Zareh Shahneh A, Towhidi A, Kohram H, Zhandi M, Esmaeili V, Shahverdi A. Effect of Dietary Fish Oil Supplementation on Ram Semen Freeze ability and Fertility Using Soybean Lecithin and Egg Yolk-Based Extenders. <i>Theriogenology</i> . 2016 May 18: [1p.]. doi: 10.1016/j.theriogenology.2016.05.018.	Ram
2016	Mehdipour M, Kia HD, Najafi A, Dodaran HV, García-Álvarez O. Effect of green tea (<i>Camellia sinensis</i>) extract and pre-freezing equilibration time on the post-thawing quality of ram semen cryopreserved in a soybean lecithin-based extender. <i>Cryobiology</i> . 2016 Oct 28; 73(3): 297-303. doi:http://dx.doi.org/10.1016/j.cryobiol.2016.10.008	Ram
2016	Miyata H, Castaneda JM, Fujihara Y, Yu Z, Archambeault DR, Isotani A, Kiyozumi D, Kriseman ML, Mashiko D, Matsumura T, Matzuk RM, Mori M, Noda T, Oji A, Okabe M, Prunskaitė-Hyyryläinen R, Ramirez-Solis R, Satouh Y, Zhang Q, Ikawa M, Matzuk MM. Genome engineering uncovers 54 evolutionarily conserved and testis-enriched genes that are not required for male fertility in mice. 2016 June 1. <i>PNAS</i> :1-7. Open Access Article	Mouse
2016	Nakatani-Enomoto S, Okutsu M, Suzuki S, Suganuma R, Groiss Sj, Kadowaki S, Fujimori K, Ugawa Y. Effects of 1950 MHz W-CDMA-like signal on human spermatozoa. <i>Bioelectromagnetics</i> . 2016 June 11: [1p.]. doi: 10.1002/bem.21985.	Human
2016	Navarette FA, Alvau A, Lee HC, Levin LR, Buck J, Martin-De Leon P, Santi CM, Krapf D, Mager J, Fissore RA, Salicioni AM, Darszon A, Visconti PE. Transient exposure to calcium ionophore enables in vitro fertilization in sterile mouse models. <i>Scientific Reports</i> . 2016 Sept 15; 6(33589): 1-9. doi:10.1038/srep33589. Open Access Article	Mouse
2016	Nichi M, Rijsselaere T, Losano JDA, Angrimani DSR, Kawai GKV, Goovaerts IGF, Soom AV, Barnabe VH, De Clercq JBP, Bols PEJ. Evaluation of epididymis storage temperature and cryopreservation conditions for improved mitochondrial membrane potential, membrane integrity, sperm motility and in vitro fertilization in bovine epididymal sperm. <i>Reproduction in Domestic Animals</i> . 2016 Dec 7: [1p.]. doi: 10.1111/rda.12888.	Bovine
2016	Nongbua T, Uta A, Am-In N, Suwimonteerabutr J, Johannisson A, Morrell J. 54 Single Layer Centrifugation Before Cryopreservation Improves Bull Sperm Quality. <i>Reproduction, Fertility and Development</i> . 2016 Dec 2; 29(1): 134-134. doi: http://dx.doi.org/10.1071/RDv29n1Ab54.	Bovine

Date	Citation	Species
2016	Presello AJ. Brood Stock Establishment through Hormonal Induction of Gamete Expression and Cryopreservation of Spermatozoa in Bloaters (<i>Coregonus hoyi</i>). University of Windsor Electronic Theses and Dissertations Paper 5784. 2016 June 14: 1-180. Open Access Article	Fish
2016	Quan Y, Liu Q. Effect of Akti-2 on sperm motility, capacitation and acrosome reaction in a mouse model. <i>Biomedical Reports</i> . 2016 March 7; 4(5): 578-582. doi: 10.3892/br.2016.627. Open Access Article	Mouse
2016	Ramos-Espiritu L, Kleinboelting S, Navarrete FA, Alvau A, Visconti PE, Valsecchi F, Starkov A, Manfredi G, Buck H, Adura C, Zippin JH, van den Heuvel J, Glickman JF, Steegborn C, Levin LR, Buck J. Discovery of LRE 1 as a specific and allosteric inhibitor of soluble adenylyl cyclase. <i>Nature Chemical Biology</i> . 2016 Aug 22; 12(10):838-44. doi: 10.1038/nchembio.2151. Epub 2016 Aug 22.	Various Mammals
2016	Rodrigues PG, de Moura RS, Rocha LG, Bottino MP, Nichi M, Maculan R, Bertechi AG, Souza JC. Dietary Polyunsaturated Fatty Acid Supplementation Improves The Quality of Stallion Cryopreserved Semen. <i>Journal of Equine Veterinary Science</i> . 2016 Aug. 20: [1p.]. doi: http://dx.doi.org/10.1016/j.jevs.2016.08.007 .	Equine
2016	Rosengrave P, Montgomerie R, Gemmell N. Cryptic female choice enhances fertilization success and embryo survival in chinook salmon. <i>Proceedings of the Royal Society</i> . 2016 March 23; 283 (1827). doi: 10.1098/rspb.2016.0001.	Fish
2016	Salmon VM, Leclerc P, Bailey JL. Novel Technical Strategies to Optimize Cryopreservation of Goat Semen Using Cholesterol-Loaded Cyclodextrin. <i>Cryobiology</i> . 2016 Dec 29: [1p.]. doi: http://dx.doi.org/10.1016/j.cryobiol.2016.12.010 .	Goat
2016	Schaff UY, Fredriksen LL, Epperson JG, Quebral TR, Naab S, Sarno MJ, Eisenberg ML, Sommer GJ. Novel centrifugal technology for measuring sperm concentration in the home. <i>Fertility and Sterility</i> . 2016 Nov 22: 1-7. doi: http://dx.doi.org/10.1016/j.fertnstert.2016.10.025 . Open Access Article	Human
2016	Seed CE, Larma I, Tomkins J. Cell size selection in <i>Chlamydomonas reinhardtii</i> gametes using fluorescence activated cell sorting. 2016 March 9; 16: 93-101. doi:10.1016/j.algal.2016.03.004.	Algae
2016	Seed CE, Tomkins JL. Flow Cytometric Methods for Indirect Analysis and Quantification of Gametogenesis in <i>Chlamydomonas reinhardtii</i> (Chlorophyceae). <i>PLoS ONE</i> . 2016 Sept 27; 11(9): 1-21. doi:10.1371/journal.pone.0161453. Open Access Article	Algae

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2016	Shah SAH, Andrabi SMH, Ahmed H, Qureshi IZ. Chicken egg yolk plasma in tris-citric acid extender improves the quality and fertility of cryopreserved water buffalo (<i>Bubalus bubalis</i>) spermatozoa. <i>Theriogenology</i> . 2016 Oct 10; 89(2017): 32-40. doi: http://dx.doi.org/10.1016/j.theriogenology.2016.10.009 .	Buffalo
2016	Shah SAH, Andrabi SMH, Ahmed H, Qureshi IZ. Cryoprotection synergism between glycerol and dimethyl sulfoxide improves the mitochondrial transmembrane potential, plasmalemma, acrosomal and DNA integrities, and in vivo fertility of water buffalo spermatozoa. <i>Cytotechnology</i> . 2016 Aug 30: 1-10. doi: 10.1007/s10616-016-0027-6. Open Access Article	Buffalo
2016	Shah SAH, Andrabi SMH, Qureshi IZ. Effect of equilibration times, freezing, and thawing rates on post-thaw quality of buffalo (<i>Bubalus bubalis</i>) bull spermatozoa. <i>Andrology</i> . 2016 May 6; 4(5): 972-976. doi: 10.1111/andr.12214.	Buffalo
2016	Shah SAH, Andrabi SMH, Qureshi IZ. Freezability of water buffalo bull (<i>Bubalus bubalis</i>) spermatozoa is improved with the addition of curcumin (diferuoyl methane) in semen extender. <i>Andrologia</i> . 2016 Oct 6: [1p.]. doi: 10.1111/and.12713.	Buffalo
2016	Tiseo BC, Gaskins AJ, Hauser R, Chavarro JE, Tanrikut C. Coenzyme Q10 Intake From Foods and Semen Parameters in a Subfertile Population. <i>Urology</i> . 2016 Nov 22: [1p.]. doi: http://dx.doi.org/10.1016/j.urology.2016.11.022 .	Human
2016	Yamazaki D, Funato Y, Miyata H, Ikawa M, Miki H. Complementary role of CNNM2 in sperm motility and Ca ²⁺ influx during capacitation. <i>Biochemical and Biophysical Research Comm</i> . 2016 May 2: [1p.].doi:10.1016/j.bbrc.2016.05.001.	Mouse
2016	Yun SJ, Bae GS, Park JH, Song TH, Choi A, Ryu BY, Pang MG, Kim EJ, Yoon M, Chang MB. Antioxidant effects of cultured wild ginseng root extracts on the male reproductive function of boars and guinea pigs. <i>Animal Reproduction Science</i> . 2016 April 2; 170: 51-60. doi: http://dx.doi.org/10.1016/j.anireprosci.2016.04.002	Boar
2015	Audet C. Reintroduction of Atlantic salmon in Lake Ontario: the Implications of Genetic Quality on Individual Fitness. 2015, Nov. 19. Electronic Theses and Dissertations. Paper 5519. Open Access Article	Fish
2015	Beek J, Maes D, Nauwynck H, Piepers S, Van Soom A. A critical assessment of the effect of serine protease inhibitors on porcine fertilization and quality parameters of porcine spermatozoa in vitro. <i>Reprod Biol</i> . 2015 Mar;15(1):9-19. doi: 10.1016/j.repbio.2014.12.002. Epub 2015 Jan 7. PubMed PMID: 25726372.	Boar

Date	Citation	Species
2015	Bhattacharjee R, Goswami S, Dudiki T, Popkie AP, Phiel CJ, Kline D, Vijayaraghavan S. Targeted disruption of glycogen synthase kinase 3a (gsk3a) in mice affects sperm motility resulting in male infertility. <i>Biol Reprod.</i> 2015 Mar;92(3):65. doi: 10.1095/biolreprod.114.124495. Epub 2015 Jan 7. PubMed PMID: 25568307; PubMed Central PMCID: PMC4358024.	Mouse
2015	Byrne PG, Dunne C, Munn AJ, Silla AJ. Environmental osmolality influences sperm motility activation in an anuran amphibian. <i>J Evol Biol.</i> 2015 Mar;28(3):521-34. doi: 10.1111/jeb.12584. Epub 2015 Feb 26. PubMed PMID: 25586700	Frog
2015	Dogliero A. Use of computer-assisted semen analysis for evaluation of Rosy-faced lovebird (<i>Agapornis roseicollis</i>) semen collected in different periods of the year. <i>Theriogenology.</i> 2015 Jan 1;83(1):103-6. PubMed PMID: 25441497	Bird
2015	Evans JP, Rahman MM, Gasparini C. Genotype-by-environment interactions underlie the expression of pre- and post-copulatory sexually selected traits in guppies. <i>J Evol Biol.</i> 2015 Apr;28(4):959-72. doi: 10.1111/jeb.12627. Epub 2015 Apr 17. PubMed PMID: 25818019.	Fish
2015	Johnson K, Butts IAE, Smith JL, Wilson CC, Pitcher TE. The effects of inbreeding on sperm quality traits in captive-bred lake trout, <i>Salvelinus namaycush</i> (Walbaum, 1972). <i>J. Appl. Ichthyol.</i> 2015, June;31(S1):62-70.	Fish
2015	Lewis J. Polyandry and sperm competition in the alternative reproductive tactics in Chinook salmon (<i>Oncorhynchus tshawytscha</i>) 2015, Oct. 19. Electronic Theses and Dissertations. Paper 5448. Open Access Article	Fish
2015	Navarrete FA, García-Vázquez FA, Alvau A, Escoffier J, Krapf D, Sánchez-Cárdenas C, Salicioni AM, Darszon A, Visconti PE. Biphasic Role of Calcium in Mouse Sperm Capacitation Signaling Pathways. <i>J Cell Physiol.</i> 2015 Jan 17. doi: 10.1002/jcp.24873. [Epub ahead of print] PubMed PMID: 25597298.	Mouse
2015	Noguchi M, Yoshioka K, Hikono H, Iwagami G, Suzuki C, Kikuchi K. Centrifugation on Percoll density gradient enhances motility, membrane integrity and in vitro fertilizing ability of frozen-thawed boar sperm. <i>Zygote.</i> 2015 Feb;23(1):68-75. doi: 10.1017/S0967199413000208. Epub 2013 May 9. PubMed PMID: 23659202.	Boar
2015	Rahman MM, Gasparini C, Turchini GM, Evans JP. Testing the interactive effects of carotenoids and polyunsaturated fatty acids on ejaculate traits in the guppy <i>Poecilia reticulata</i> (Pisces: Poeciliidae). <i>J Fish Biol.</i> 2015 Mar 29. doi: 10.1111/jfb.12661. [Epub ahead of print] PubMed PMID: 25816838.	Fish

Date	Citation	Species
2015	Sabatini C, Mari G, Mislei B, Love C, Panzani D, Camillo F, Rota A. Effect of post-thaw addition of seminal plasma on motility, viability and chromatin integrity of cryopreserved donkey jack (<i>Equus asinus</i>) spermatozoa. <i>Reprod Domest Anim.</i> 2014 Dec;49(6):989-94. doi: 10.1111/rda.12419. Epub 2014 Sep 25. PubMed PMID: 25256158.	Donkey
2015	Souza AH, Carvalho PD, Rozner AE, Vieira LM, Hackbart KS, Bender RW, Dresch AR, Verstegen JP, Shaver RD, Wiltbank MC. Relationship between circulating anti-Müllerian hormone (AMH) and superovulatory response of high-producing dairy cows. <i>J Dairy Sci.</i> 2015 Jan;98(1):169-78. doi: 10.3168/jds.2014-8182. Epub 2014 Nov 14. PubMed PMID: 25465542.	Bovine
2015	Yossa, R., Sarker, P. K., Proulx, É. and Vandenberg, G. W. (2015), The effects of the dietary biotin on zebrafish <i>Danio rerio</i> reproduction. <i>Aquaculture Research</i> , 46: 117–130. doi: 10.1111/are.12166 (Pub Online 2013)	Fish
2015	Young SA, Miyata H, Satouh Y, Kato H, Nozawa K, Isotani A, Aitken RJ, Baker MA, Ikawa M. CRISPR/Cas9-Mediated Rapid Generation of Multiple Mouse Lines Identified <i>Ccdc63</i> as Essential for Spermiogenesis. <i>Int J Mol Sci.</i> 2015 Oct 16; 16(10):24732-50. doi: 10.3390/ijms161024732. PubMed PMID: 26501274. Open Access Article	Mouse
2014	Afeiche MC, Bridges ND, Williams PL, Gaskins AJ, Tanrikut C, Petrozza JC, Hauser R, Chavarro JE. Dairy intake and semen quality among men attending a fertility clinic. <i>Fertil Steril.</i> 2014 May;101(5):1280-7. doi:10.1016/j.fertnstert.2014.02.003. Epub 2014 Mar 14. PubMed PMID: 24636397; PubMed Central PMCID: PMC4008690.	Human
2014	Afeiche MC, Gaskins AJ, Williams PL, Toth TL, Wright DL, Tanrikut C, Hauser R, Chavarro JE. Processed meat intake is unfavorably and fish intake favorably associated with semen quality indicators among men attending a fertility clinic. <i>J Nutr.</i> 2014 Jul;144(7):1091-8. doi: 10.3945/jn.113.190173. Epub 2014 May 21. PubMed PMID: 24850626; PubMed Central PMCID: PMC4056648.	Human
2014	Barkalina N, Jones C, Kashir J, Coote S, Huang X, Morrison R, Townley H, Coward K. Effects of mesoporous silica nanoparticles upon the function of mammalian sperm in vitro. <i>Nanomedicine.</i> 2014 May;10(4):859-70. doi: 10.1016/j.nano.2013.10.011. Epub 2013 Nov 4. PubMed PMID: 24200525. PDF from Research Gate	Boar
2014	Barrett LT, Evans JP, Gasparini C. The effects of perceived mating opportunities on patterns of reproductive investment by male guppies. <i>PLoS One.</i> 2014 Apr 4;9(4):e93780. doi: 10.1371/journal.pone.0093780. eCollection 2014. PubMed PMID: 24705713; PubMed Central PMCID: PMC3976321. Open Access File	Fish

Date	Citation	Species
2014	Battistone MA, Alvau A, Salicioni AM, Visconti PE, Da Ros VG, Cuasnicú PS. Evidence for the involvement of proline-rich tyrosine kinase 2 in tyrosine phosphorylation downstream of protein kinase A activation during human sperm capacitation. <i>Mol Hum Reprod.</i> 2014 Nov;20(11):1054-66. doi: 10.1093/molehr/gau073. Epub 2014 Sep 1. PubMed PMID: 25180269; PubMed Central PMCID: PMC4209883	Human
2014	Boussouar F, Goudarzi A, Buchou T, Shiota H, Barral S, Debernardi A, Guardiola P, Brindle P, Martinez G, Arnoult C, Khochbin S, Rousseaux S. A specific CBP/p300-dependent gene expression programme drives the metabolic remodelling in late stages of spermatogenesis. <i>Andrology.</i> 2014 May;2(3):351-9. doi:10.1111/j.2047-2927.2014.00184.x. Epub 2014 Feb 13. PubMed PMID: 24522976	Mouse
2014	Burrue V, Klooster K, Barker CM, Pera RR, Meyers S. Abnormal early cleavage events predict early embryo demise: sperm oxidative stress and early abnormal cleavage. <i>Sci Rep.</i> 2014 Oct 13;4:6598. doi: 10.1038/srep06598. PubMed PMID: 25307782; PubMed Central PMCID: PMC4194434. Open Access Article	Monkey
2014	Carvalho PD, Souza AH, Amundson MC, Hackbart KS, Fuenzalida MJ, Herlihy MM, Ayres H, Dresch AR, Vieira LM, Guenther JN, Grummer RR, Fricke PM, Shaver RD, Wiltbank MC. Relationships between fertility and postpartum changes in body condition and body weight in lactating dairy cows. <i>J Dairy Sci.</i> 2014 Jun;97(6):3666-83. doi: 10.3168/jds.2013-7809. Epub 2014 Apr 14. PubMed PMID: 24731646. PDF from Research Gate	Bovine
2014	Chakurkara EB, Naika SS, Barbuddhea SB, Karunakarana M, Naika PK, Singha NP. Seminal attributes and sperm morphology of Agonda Goan pigs. <i>Journal of Applied Animal Research.</i> Published online: 13 Apr 2015	Boar
2014	Chen M, Wang H, Li X, Li N, Xu G, Meng Q. PLIN1 deficiency affects testicular gene expression at the meiotic stage in the first wave of spermatogenesis. <i>Gene.</i> 2014 Jun 15;543(2):212-9. doi: 10.1016/j.gene.2014.04.021. Epub 2014 Apr 13. PubMed PMID: 24727056.	Mouse
2014	Chiu YH, Afeiche MC, Gaskins AJ, Williams PL, Petrozza JC, Tanrikut C, Hauser R, Chavarro JE. Fruit and vegetable intake and their pesticide residues in relation to semen quality among men from a fertility clinic. <i>Hum Reprod.</i> 2015 Mar 30. pii: dev064. [Epub ahead of print] PubMed PMID: 25824023. PDF from Research Gate	Human
2014	Cramer E, Laskemoen T, Eroukhanoff F, Haas F, Hermansen JS, Lifjeld JT, Rowe, Melissah, Sætre GP, Johnsen A. Testing a post-copulatory pre-zygotic reproductive barrier in a passerine species pair. <i>Behav Ecol Sociobiol.</i> 2014 July 86(7):1133-1144.	Bird

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2014	Dean C. Addition of ticarcillin-clavulanic acid to INRA96 extender in the extension and storage of equine semen: An examination of its effect on semen motion characteristics and viability. Texas Tech Univ. 2014 May. Masters Thesis Animal Science. Open Access Article	Equine
2014	Dobbe K. Are sperm characters related to genetic diversity in the bluethroat (<i>Luscinia svecica</i>)? Master of Science Thesis in Ecology and Evolution, University of Oslo, 2014. Open Access Article	Bird
2014	Dudiki T. Serine/threonine phosphatases: role in spermatogenesis and sperm function. A dissertation submitted to Kent State University in partial fulfillment of the requirements for the degree of Doctor of Philosophy. December, 2014 Open Access Article	Mouse
2014	Emamverdi M., Zhandi M., Shahneh A. Zare, Sharafi M., Akhlaghi A., Motlagh M. Khodaei, Dadkhah F., Davachi N. Dadashpour (2015) Flow cytometric and microscopic evaluation of post-thawed ram semen cryopreserved in chemically defined home-made or commercial extenders. Animal Production Science 55, 551–558.	Ram
2014	Firman R. Female fitness, sperm traits and patterns of paternity in an Australian polyandrous mouse. J Behavioral Ecology and Sociobiology 2014 68(2):283-290.	Mouse
2014	Firman RC, Gomendio M, Roldan ER, Simmons LW. The coevolution of ova defensiveness with sperm competitiveness in house mice. Am Nat. 2014 Apr;183(4):565-72. doi: 10.1086/675395. Epub 2014 Mar 4. PubMed PMID: 24642500. PDF from Research Gate	Mouse
2014	Fitzpatrick JL, Evans JP. Postcopulatory inbreeding avoidance in guppies. J Evol Biol. 2014 Dec;27(12):2585-94. doi: 10.1111/jeb.12545. Epub 2014 Dec 4. PubMed PMID: 25387854.	Fish
2014	Galus M, Rangarajan S, Lai A, Shaya L, Balshine S, Wilson JY. Effects of chronic, parental pharmaceutical exposure on zebrafish (<i>Danio rerio</i>) offspring. Aquat Toxicol. 2014 Jun;151:124-34. doi: 10.1016/j.aquatox.2014.01.016. Epub 2014 Jan 28. PubMed PMID: 24525101.	Fish
2014	Gaskins AJ, Afeiche MC, Hauser R, Williams PL, Gillman MW, Tanrikut C, Petrozza JC, Chavarro JE. Paternal physical and sedentary activities in relation to semen quality and reproductive outcomes among couples from a fertility center. Hum Reprod. 2014 Nov;29(11):2575-82. doi: 10.1093/humrep/deu212. Epub 2014 Aug 27. PubMed PMID: 25164027; PubMed Central PMCID: PMC4191451.	Human

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2014	Gasparini C, Kelley JL, Evans JP. Male sperm storage compromises sperm motility in guppies. <i>Biol Lett.</i> 2014 Nov;10(11):20140681. doi: 10.1098/rsbl.2014.0681. PubMed PMID: 25392314; PubMed Central PMCID: PMC4261862.	Fish
2014	Katoh Y, Takebayashi K, Kikuchi A, Iki A, Kikuchi K, Tamba M, Kawashima A, Matsuda M, Okamura N. Porcine sperm capacitation involves tyrosine phosphorylation and activation of aldose reductase. <i>Reproduction.</i> 2014 Oct;148(4):389-401. doi: 10.1530/REP-14-0199. Epub 2014 Jul 21. PubMed PMID: 25049426. Open Access Article	Boar
2014	Kaufmann J, Lenz TL, Milinski M, Eizaguirre C. Experimental parasite infection reveals costs and benefits of paternal effects. <i>Ecol Lett.</i> 2014 Nov;17(11):1409-17. doi: 10.1111/ele.12344. Epub 2014 Aug 28. PubMed PMID: 25168056; PubMed Central PMCID: PMC4282062. Open Access File	Fish
2014	Kotula-Balak M, Grzmil P, Chojnacka K, Andryka K, Bilinska B. Do photoperiod and endocrine disruptor 4-tert-octylphenol effect on spermatozoa of bank vole (<i>Clethrionomys glareolus</i>)? <i>Gen Comp Endocrinol.</i> 2014 Mar 31. pii: S0016-6480(14)00101-4. doi: 10.1016/j.ygcen.2014.03.027. [Epub ahead of print] PubMed PMID: 24698786	Vole
2014	Lammers J, Spingart C, Barrière P, Jean M, Fréour T. Double-blind prospective study comparing two automated sperm analyzers versus manual semen assessment. <i>J Assist Reprod Genet.</i> 2014 Jan;31(1):35-43. doi: 10.1007/s10815-013-0139-2. Epub 2013 Nov 16. PubMed PMID: 24242989; PubMed Central PMCID: PMC3909144. Open Access Article	Human
2014	Larroze S, Pickford DB, Holt WV. Validation of computer-assisted sperm-motility analysis in the amphibian <i>Silurana tropicalis</i> . <i>Reprod Fertil Dev.</i> 2014 Mar 25. doi: 10.1071/RD14015. [Epub ahead of print] PubMed PMID: 24661564.	Frog
2014	Martorana K, Klooster K, Meyers S. Suprazero cooling rate, rather than freezing rate, determines post thaw quality of rhesus macaque sperm. <i>Theriogenology.</i> 2014 Feb;81(3):381-8. doi: 10.1016/j.theriogenology.2013.10.008. Epub 2013 Oct 14. PubMed PMID: 24239181; PubMed Central PMCID: PMC3893114.	Monkey
2014	Moller AP, Bonisoli-Alquati A, Mousseau TA, Rudolfsen G. Aspermy, sperm quality and radiation in chernobyl birds. <i>PLoS One.</i> 2014 Jun 25;9(6):e100296. doi: 10.1371/journal.pone.0100296. eCollection 2014. PubMed PMID: 24963711; PubMed Central PMCID: PMC4070951.	Bird
2014	Nandi P, Banerjee B, Ghosh S, Chakrabarty A, Jana K, Sen P. Involvement of Nifetepimine in Motility and Capacitation of Caprine Spermatozoa. <i>American J. Exp. Biol.</i> 2014. 1(2):61-84	Goat

Date	Citation	Species
2014	Oliver M, Evans JP. Chemically moderated gamete preferences predict offspring fitness in a broadcast spawning invertebrate. <i>Proc Biol Sci.</i> 2014 Apr 16;281(1784):20140148. doi: 10.1098/rspb.2014.0148. Print 2014 Jun 7. PubMed PMID: 24741014; PubMed Central PMCID: PMC4043089. Open Access Article	Mussels
2014	Pons-Rejraji H, Brugnion F, Sion B, Maqdasy S, Gouby G, Pereira B, Marceau G, Gremeau AS, Drevet J, Grizard G, Janny L, Tauveron I. Evaluation of atorvastatin efficacy and toxicity on spermatozoa, accessory glands and gonadal hormones of healthy men: a pilot prospective clinical trial. <i>Reprod Biol Endocrinol.</i> 2014 Jul 12;12:65. doi: 10.1186/1477-7827-12-65. PubMed PMID: 25016482; PubMed Central PMCID: PMC4114109. Open Access Article	Human
2014	Rahman MB, Vandaele L, Rijsselaere T, El-Deen MS, Maes D, Shamsuddin M, Van Soom A. Bovine spermatozoa react to in vitro heat stress by activating the mitogen-activated protein kinase 14 signalling pathway. <i>Reprod Fertil Dev.</i> 2014 Jan;26(2):245-57. doi: 10.1071/RD12198. PubMed PMID: 23327743	Bovine
2014	Rahman MM, Turchini GM, Gasparini C, Norambuena F, Evans JP. The expression of pre- and postcopulatory sexually selected traits reflects levels of dietary stress in guppies. <i>PLoS One.</i> 2014 Aug 29;9(8):e105856. doi: 10.1371/journal.pone.0105856. eCollection 2014. PubMed PMID: 25170940; PubMed Central PMCID: PMC4149491. Open Access Article	Fish
2014	Rezagholizadeh A, Gharagozlou F, Niasari-Naslaji A, Akbarinejad V, Ziapour S. Evaluation of sperm characteristics in Caspian stallions using computer-assisted sperm analysis. <i>J Equine Vet Sci</i> , Published Online: February 12, 2015.	Equine
2014	Silla AJ, Keogh LM, Byrne PG. Antibiotics and oxygen availability affect the short-term storage of spermatozoa from the critically endangered booroolong frog, <i>Litoria booroolongensis</i> . <i>Reprod Fertil Dev.</i> 2014 Jun 26. doi: 10.1071/RD14062. [Epub ahead of print] PubMed PMID: 24965921.	Frog
2014	Siva AB, Panneerdoss S, Sailasree P, Singh DK, Kameshwari DB, Shivaji S. Inhibiting sperm pyruvate dehydrogenase complex and its E3 subunit, dihydrolipoamide dehydrogenase affects fertilization in Syrian hamsters. <i>PLoS One.</i> 2014 May 22;9(5):e97916. doi: 10.1371/journal.pone.0097916. eCollection 2014. PubMed PMID: 24852961; PubMed Central PMCID: PMC4031208. Open Access Article	Hamster
2014	Tardif S, Madamidola OA, Brown SG, Frame L, Lefièvre L, Wyatt PG, Barratt CL, Martins Da Silva SJ. Clinically relevant enhancement of human sperm motility using compounds with reported phosphodiesterase inhibitor activity. <i>Hum Reprod.</i> 2014 Oct 10;29(10):2123-35. doi: 10.1093/humrep/deu196. Epub 2014 Aug 14. PubMed PMID: 25124668. Open Access Article	Human

Date	Citation	Species
2014	Westmuckett AD, Nguyen EB, Herlea-Pana OM, Alvau A, Salicioni AM, Moore KL. Impaired sperm maturation in RNASE9 knockout mice. <i>Biol Reprod.</i> 2014 Jun;90(6):120. doi: 10.1095/biolreprod.113.116863. Epub 2014 Apr 9. PubMed PMID: 24719258; PubMed Central PMCID: PMC4093998	Mouse
2014	Whelley S, Serobian G, Borchardt C, Powell J, Johnson S, Hakansson K, Lindstrom V, Abrahamson M, Grubb A, Cornwall GA. Fertility defects in mice expressing the L68Q variant of human cystatin C: a role for amyloid in male infertility. <i>J Biol Chem.</i> 2014 Mar 14;289(11):7718-29. doi: 10.1074/jbc.M113.515759. Epub 2014 Feb 5. PubMed PMID: 24500719; PubMed Central PMCID: PMC3953282. Open Access Article	Mouse
2014	Yang K, Grzmil P, Meinhardt A, Hoyer-Fender S. Haplo-deficiency of ODF1/HSPB10 in mouse sperm causes relaxation of head-to-tail linkage. <i>Reproduction.</i> 2014 Nov;148(5):499-506. doi: 10.1530/REP-14-0370. Epub 2014 Aug 12. PubMed PMID: 25118300.	Mouse
2014	Yang K. Functional Analysis of Two Major Sperm Tail Proteins Identifies ODF1 as Being Essential for the Tight Linkage of the Sperm Head to the Tail via SPAG4 and ODF2 as A Component of the β -catenin Destruction Complex. Dissertation for the award of the degree “Doctor rerum naturalium” of the Georg-August-Universität Göttingen, 2014. Open Access Article	Mouse
2014	Yimer N, AH Noraisyah, Y Rosnina, H Wahid, K Sarsaifi and AM Hafizal, 2014. Comparison of cryopreservative effect of different levels of omega-3 egg-yolk in citrate extender on the quality of goat spermatozoa. <i>Pak Vet J</i> , 34(3): 347-350. Open Access Article	Goat
2014	Yousefian I, Zare-Shahneh A, Zhandi M. The Effect of Coenzyme Q10 and α -Tocopherol in Skim Milk-Based Extender for Preservation of Caspian Stallion Semen in Cool Condition. <i>Journal of Equine Veterinary Science</i> , Volume 34, Issue 8, 949 – 954. PDF from Research Gate	Equine
2014	Zare Shahneh A, Zhandi M, Yousefian I, Emamverdi M. Melatonin has a beneficial effect on stallion sperm quality in cool condition. <i>J Equine Vet Sci</i> , Published Online: February 25, 2015	Equine
2014	Zhandi M, Ghadimi V. Effect of Glutathione-Supplemented INRA82 Extender on Miniature Caspian Stallion Sperm Quality during Storage at 5°C. <i>J Equine Vet Sci</i> , 2014. 34(5):606-610.	Equine
2014	Zhu X, Zhang J, Huo R, Lin J, Zhou Z, Sun Y, Wu P, Li H, Zhai T, Shen B, Li N. Evaluation of the efficacy and safety of different Tripterygium preparations on collagen-induced arthritis in rats. <i>J Ethnopharmacol.</i> 2014 Dec 2;158 Pt A:283-90. doi: 10.1016/j.jep.2014.10.021. Epub 2014 Oct 29. PubMed PMID: 25456434.	Rat

Date	Citation	Species
2013	Butts IA, Alavi SM, Mokdad A, Pitcher TE. Physiological functions of osmolality and calcium ions on the initiation of sperm motility and swimming performance in redbreast sunfish, <i>Clinostomus elongatus</i> . <i>Comp Biochem Physiol A Mol Integr Physiol</i> . 2013 May 17. doi:pii: S1095-6433(13)00127-X. 10.1016/j.cbpa.2013.05.011. [Epub ahead of print] PubMed PMID: 23688507.	Fish
2013	Carvalho PD, Souza AH, Sartori R, Hackbart KS, Dresch AR, Vieira LM, Baruselli PS, Guenther JN, Fricke PM, Shaver RD, Wiltbank MC. Effects of deep-horn AI on fertilization and embryo production in superovulated cows and heifers. <i>Theriogenology</i> . 2013 Dec;80(9):1074-81. doi: 10.1016/j.theriogenology.2013.08.008. Epub 2013 Sep 29. PubMed PMID: 24084230.	Bovine
2013	Emamverdi M, Zhandi M, Shahneh AZ, Sharafi M. Optimization of Ram Semen Cryopreservation Using a Chemically Defined Soybean Lecithin-Based Extender. <i>Reprod Dom Anim</i> . 2013 May; 48: 899-904. doi:10.1111/rda.12183. Open Access Article	Ram
2013	Flannery EW, Butts IAE, Slowinska M, Ciereszko A, Pitcher TE. Reproductive investment patterns, sperm characteristics, and seminal plasma physiology in alternative reproductive tactics of Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Biol J Linn Soc Lond</i> . 2013 108(1):99-108. Epub 10 Oct 2012. DOI: 10.1111/j.1095-8312.2012.01980.x	Fish
2013	Frankel TE, Theisen DD, Guthrie HD, Welch GR, Woods LC 3rd. The effect of freezing rate on the quality of striped bass sperm. <i>Theriogenology</i> . 2013 Apr 1;79(6):940-5. doi: 10.1016/j.theriogenology.2013.01.009. Epub 2013 Feb 18. PubMed PMID: 23427940.	Fish
2013	Garcia-del-Rey E, Marthinsen G, Calabuig P, Estévez L, Johannessen LE, Johnsen A, Laskemoen T, Lifjeld JT. Reduced genetic diversity and sperm motility in the endangered Gran Canaria Blue Chaffinch <i>Fringilla teydea polatzeki</i> . <i>J Ornith</i> . Article first published online: 26 MAR 2013. http://dx.doi.org/10.1007/s10336-013-0940-9	Bird
2013	Gasparini, C, Devigili A, Dosselli R, Pilastro A. Pattern of inbreeding depression, condition dependence, and additive genetic variance in Trinidadian guppy ejaculate traits. <i>Ecol Evol</i> . 2013. Epub ahead of print 8 NOV 2013 Open Access Article .	Fish
2013	Lammers J, Spingart C, Barrière P, Jean M, Fréour T. Double-blind prospective study comparing two automated sperm analyzers versus manual semen assessment. <i>J Assist Reprod Genet</i> . 2013 Nov 16. [Epub ahead of print] PubMed PMID: 24242989.	Human

Date	Citation	Species
2013	Lifjeld JT, Hoenen A, Johannessen LE, Laskemoen T, Lopes RJ, Rodrigues P, Rowe M. The Azores bullfinch (<i>Pyrrhula murina</i>) has the same unusual and size-variable sperm morphology as the Eurasian bullfinch (<i>Pyrrhula pyrrhula</i>) <i>Biol J Linn Soc Lond.</i> 2013. Epub ahead of print 7 Jan 2013. http://dx.doi.org/10.1111/j.1095-8312.2012.02040.x	Bird
2013	Locatello L, Poli F, Rasotto MB. Tactic-specific differences in seminal fluid influence sperm performance. <i>Proc Biol Sci.</i> 2013 Jan 30;280(1755):20122891. doi: 10.1098/rspb.2012.2891. Print 2013. PubMed PMID: 23363633.	Bird
2013	Mashiko D, Fujihara Y, Satouh Y, Miyata H, Isotani A, Ikawa M. Generation of mutant mice by pronuclear injection of circular plasmid expressing Cas9 and single guided RNA. <i>Sci Rep.</i> 2013 Nov 27;3:3355. doi: 10.1038/srep03355. PubMed PMID: 24284873; PubMed Central PMCID: PMC3842082. Open Access Article	Mouse
2013	Rahman MM, Kelley JL, Evans JP. Condition-dependent expression of pre- and postcopulatory sexual traits in guppies. <i>Ecol Evol.</i> 2013 Jul;3(7):2197-213. doi: 10.1002/ece3.632. Epub 2013 Jun 5. PubMed PMID: 23919162; PubMed Central PMCID: PMC3728957. Open Access Article	Fish
2013	Rowe M, Czirják GA, Lifjeld JT, Giraudeau M. Lysozyme-associated bactericidal activity in the ejaculate of a wild passerine. <i>Biol J Linn Soc Lond.</i> 2013. Epub ahead of print 26 March 2013. http://dx.doi.org/10.1111/bij.12044	Bird
2013	Rowe M, Laskemoen T, Johnsen A, Lifjeld JT. Evolution of sperm structure and energetics in passerine birds. <i>Proc Biol Sci.</i> 2013 Jan 2;280(1753):20122616. doi: 10.1098/rspb.2012.2616. Print 2013. PubMed PMID: 23282997.	Bird
2013	Yamaguchi S, Suzuki C, Noguchi M, Kasa S, Mori M, Isozaki Y, Ueda S, Funahashi H, Kikuchi K, Nagai T, Yoshioka K. Effects of caffeine on sperm characteristics after thawing and inflammatory response in the uterus after artificial insemination with frozen-thawed boar semen. <i>Theriogenology.</i> 2013 Jan 1;79(1):87-93. doi: 10.1016/j.theriogenology.2012.09.012. Epub 2012 Oct 30. PubMed PMID: 23117134.	Boar
2012	Babiak I, Marschhäuser V, Ottesen O, Rudolfsen G, Eggen B, Babiak J. Effects of extender, storage and sperm-to-egg ratio on cryopreservation success of Atlantic cod (<i>Gadus morhua</i> L.) sperm. <i>Journal of Applied Ichthyology.</i> 2012. 28(6): 941-947. http://dx.doi.org/10.1111/jai.12063 . doi: 10.1111/jai.12063	Fish
2012	Butts IA, Johnson K, Wilson CC, Pitcher TE. Ovarian fluid enhances sperm velocity based on relatedness in lake trout, <i>Salvelinus namaycush</i> . <i>Theriogenology.</i> 2012 Dec;78(9):2105-2109.e1. doi: 10.1016/j.theriogenology.2012.06.031. PubMed PMID: 23110953.	Fish

Date	Citation	Species
2012	Devigili A, Kelley JL, Pilastro A, Evans JP. Expression of pre- and postcopulatory traits under different dietary conditions in guppies Behavioral Ecology first published online November 25, 2012 doi:10.1093/beheco/ars204	Fish
2012	Figenschou L, Folstad I, Rudolfsen G, Hanssen SA, Kortet R, Skau PA, Killie JE, Oskam IC, Strand H. The relative effect of parasites and social status on sperm traits in Arctic charr. Behavioral Ecology first published online November 9, 2012 doi:10.1093/beheco/ars190	Fish
2012	Fitzpatrick JL., Simmons LW, Evans JP. Complex patterns of multivariate selection on the ejaculate of a broadcast spawning marine invertebrate. Evolution, Article first published online: 10 APR 2012. http://dx.doi.org/10.1111/j.1558-5646.2012.01627.x	Mollusc
2012	Kaneko H, Kikuchi K, Nakai M, Tanihara F, Noguchi J, Noguchi M, Ito J, Kashiwazaki N. Normal reproductive development of offspring derived by intracytoplasmic injection of porcine sperm grown in host mice. Theriogenology. 2012 Sep 1;78(4):898-906. doi: 10.1016/j.theriogenology.2012.04.004. Epub 2012 May 22. PubMed PMID: 22626781.	Boar
2012	Lehnert SJ, Heath DD, Pitcher TE.. Sperm trait differences between wild and farmed Chinook salmon (<i>Oncorhynchus tshawytscha</i>), Aquaculture, Available online 15 March 2012, ISSN 0044-8486, 10.1016/j.aquaculture.2012.03.007.	Fish
2012	Lifjeld JT , Laskemoen T , Kleven O , Pedersen ATM , Lampe HM , et al. 2012 No Evidence for Pre-Copulatory Sexual Selection on Sperm Length in a Passerine Bird. PLoS ONE 7(2): e32611. doi:10.1371/journal.pone.0032611 Open Access Article	Bird
2012	Ottesen OH., Marschhäuser V, Babiak I. Effects of Cryopreservation on Morphology and Viability of Sperm and Larvae of Atlantic Cod, <i>Gadus morhua</i> L. Journal of the World Aquaculture Society. 2012. 43: 375–386. doi: 10.1111/j.1749-7345.2012.00571.x	Fish
2012	Park DS, Egnatchik RA, Bordelon H, Tiersch TR, Monroe WT. Microfluidic mixing for sperm activation and motility analysis of pearl Danio zebrafish. Theriogenology. 2012 Jul 15;78(2):334-44. doi: 10.1016/j.theriogenology.2012.02.008. Epub 2012 Apr 10. PubMed PMID: 22494680.	Fish
2012	Rota A, Panzani D, Sabatini C, Camillo F. Donkey jack (<i>Equus asinus</i>) semen cryopreservation: Studies of seminal parameters, post breeding inflammatory response, and fertility in donkey jennies. Theriogenology. 2012 Nov;78(8):1846-54. doi: 10.1016/j.theriogenology.2012.07.015. Epub 2012 Sep 12. PubMed PMID: 22979965.	Donkey

Date	Citation	Species
2012	Shimokawa K, Oshiro R, Yamanaka K, Ashizawa K, Ohta S, Tatemoto H. Improvement of the post-thaw qualities of Okinawan native Agu pig sperm frozen in an extender supplemented with antiapoptotic PTD-FNK protein. <i>Theriogenology</i> . 2012 Oct 15;78(7):1446-55. doi: 10.1016/j.theriogenology.2012.06.005. Epub 2012 Aug 24. PubMed PMID: 22925637	Boar
2012	Sinha N, Pilder S, Vijayaraghavan S. Significant Expression Levels of Transgenic PPP1CC2 in Testis and Sperm Are Required to Overcome the Male Infertility Phenotype of Ppp1cc Null Mice. <i>PLoS One</i> . 2012;7(10):e47623. doi: 10.1371/journal.pone.0047623. Epub 2012 Oct 17. PubMed PMID: 23082183; PubMed Central PMCID: PMC3474748 Open Access Article	Mouse
2012	Tsuruta JK, Dayton PA, Gallippi CM, O'Rand MG, Streicker MA, Gessner RC, Gregory TS, Silva EJ, Hamil KG, Moser GJ, Sokal DC. Therapeutic ultrasound as a potential male contraceptive: power, frequency and temperature required to deplete rat testes of meiotic cells and epididymides of sperm determined using a commercially available system. <i>Reprod Biol Endocrinol</i> . 2012 Jan 30;10(1):7. [Epub ahead of print] PubMed PMID: 22289508 Open Access Article	Rat
2011	Bonisoli-Alquati A, Moller AP, Rudolfsen G, Saino N, Caprioli M, Ostermiller S, Mousseau TA. The effects of radiation on sperm swimming behavior depend on plasma oxidative status in the barn swallow (<i>Hirundo rustica</i>). <i>Comp Biochem Physiol A Mol Integr Physiol</i> . 2011 Feb 1. [Epub ahead of print] PubMed PMID: 21295152	Bird
2011	Firestone R, Esfandiari N, Moskovtsev SI, Burstein E, Videna GT, Librach C, Bentov Y, Casper RF. The Effects of Low-Level Laser Light Exposure on Sperm Motion Characteristics and DNA Damage. <i>J Androl</i> . 2011 Jul 14. [Epub ahead of print] PubMed PMID: 21757512	Human
2011	Gasparini C, Pilastro A. Cryptic female preference for genetically unrelated males is mediated by ovarian fluid in the guppy. <i>Proc Biol Sci</i> . 2011 Jan 12. [Epub ahead of print] PubMed PMID: 21227973. Open Access Article	Fish
2011	Goodson SG, Zhang Z, Tsuruta JK, Wang W, O'Brien DA. Classification of Mouse Sperm Motility Patterns Using an Automated Multiclass Support Vector Machines Model. <i>Biol Reprod</i> . 2011 Feb 23. [Epub ahead of print] PubMed PMID: 21349820 Open Access Article	Mouse
2011	Hoogewijs M, De Vlieghe S, De Schauwer C, Govaere J, Smits K, Hoflack G, de Kruif A, Van Soom A. Validation and usefulness of the Sperm Quality Analyzer Vequine for equine semen analysis. <i>Theriogenology</i> . 2011 Jan 1;75(1):189-94. Epub 2010 Oct 20. PubMed PMID: 20965556.	Equine

Date	Citation	Species
2011	McCarthy MJ, Meyers SA. Antioxidant treatment in the absence of exogenous lipids and proteins protects rhesus macaque sperm from cryopreservation-induced cell membrane damage. <i>Theriogenology</i> . 2011 Jul 1;76(1):168-76. Epub 2011 Mar 31. PubMed PMID: 21458048; PubMed Central PMCID: PMC3109175 Open Access Article	Monkey
2011	Rahman MB, Vandaele L, Rijsselaere T, Maes D, Hoogewijs M, Frijters A, Noordman J, Granados A, Dernelle E, Shamsuddin M, Parrish JJ, Van Soom A. Scrotal insulation and its relationship to abnormal morphology, chromatin protamination and nuclear shape of spermatozoa in Holstein-Friesian and Belgian Blue bulls. <i>Theriogenology</i> . 2011 Jul 19. [Epub ahead of print] PubMed PMID: 21777969	Bovine
2011	Rota A, Calicchio E, Nardoni S, Fratini F, Ebani VV, Sgorbini M, Panzani D, Camillo F, Mancianti F. Presence and distribution of fungi and bacteria in the reproductive tract of healthy stallions. <i>Theriogenology</i> . 2011 Aug;76(3):464-70. Epub 2011 May 6. PubMed PMID: 21529914	Equine
2011	Turner, LM, Schwahn DJ, Harr B. Reduced male fertility is common but highly variable in form and severity in a natural house mouse hybrid zone. <i>Evolution</i> . 2011 Aug. [Epub ahead of print]. doi:10.1111/j.1558-5646.2011.01445.x2011	Mouse
2010	Bencharif D, Amirat L, Pascal O, Anton M, Schmitt E, Desherces S, Delhomme G, Langlois ML, Barrière P, Larrat M, Tainturier D. The advantages of combining low-density lipoproteins with glutamine for cryopreservation of canine semen. <i>Reprod Domest Anim</i> . 2010 Apr;45(2):189-200. Epub 2008 Oct 30. PubMed PMID: 18992079.	Canine
2010	Bencharif D, Amirat-Briand L, Garand A, Anton M, Schmitt E, Desherces S, Delhomme G, Langlois ML, Barrière P, Destrumelle S, Vera-Munoz O, Tainturier D. Freezing canine sperm: comparison of semen extenders containing Equex and LDL (Low Density Lipoproteins). <i>Anim Reprod Sci</i> . 2010 Jun;119(3-4):305-13. Epub 2010 Jan 28. PubMed PMID: 20153943.	Canine
2010	Choi EG, Lee YS, Cho SJ, Jeon JT, Cho KW, Kong IK. Semen characteristics of genetically identical male cats cloned via somatic cell nucleus transfer. <i>Theriogenology</i> . 2010 Mar 15;73(5):638-44. Epub 2009 Dec 14. PubMed PMID: 20005562.	Feline
2010	Dziminski MA, Roberts JD, Beveridge M, Simmons LW. Among-population covariation between sperm competition and ejaculate expenditure in frogs. <i>Behavioral Ecology</i> 2010 21(2):322-328; doi:10.1093/beheco/arp191	Frog
2010	Dziminski MA, Roberts JD, Simmons LW. Sperm morphology, motility and fertilisation capacity in the myobatrachid frog <i>Crinia georgiana</i> . <i>Reprod Fertil Dev</i> . 2010;22(3):516-22. PubMed PMID: 20188024.	Frog

Date	Citation	Species
2010	Elgee K, Evans JP, Ramnarine IW, Rush SA, Pitcher TE. Geographic variation in sperm traits reflects predation risk and natural rates of multiple paternity in the guppy. <i>J. Evol. Biol</i> 2010; 23:1331-1338. doi:10.1111/j.1420-9101.2010.01996.x	Fish
2010	Fagundes B; Silva JFS, Shimoya A, da Cunha ICN, de Souza GV, van Tilburg FM. Addition of alanine, glycine and glutamine to frozen seminal extender from Mangalarga Marchador stallions. <i>R. Bras. Zootec.</i> 2010 Feb;39(2):279-284. doi: 10.1590/S1516-35982010000200008 (Portuguese)	Equine
2010	Fagundes B; van Tilburg FM; Silva JFS, Shimoya A, Barreto MAP, Ferreira VM. Adding insulin to frozen seminal extender from Mangalarga Marchador stallions. <i>R. Bras. Zootec.</i> 2010 Feb;39(2): 273-278 doi: 10.1590/S1516-35982010000200007 (Portuguese)	Equine
2010	Firman RC, Simmons LW. Experimental evolution of sperm quality via postcopulatory sexual selection in house mice. <i>Evolution.</i> 2010 May;64(5):1245-56. Epub 2009 Nov 17. PubMed PMID: 19922447.	Mouse
2010	Firman RC, Simmons LW. Sperm midpiece length predicts sperm swimming velocity in house mice. <i>Biol Lett.</i> 2010 Aug 23;6(4):513-6. Epub 2010 Feb 10. PubMed PMID: 20147311. Open Access Article	Mouse
2010	Fréour T, Jean M, Mirallié S, Dubourdieu S, Barrière P. Computer-Assisted Sperm Analysis (CASA) parameters and their evolution during preparation as predictors of pregnancy in intrauterine insemination with frozen-thawed donor semen cycles. <i>Eur J Obstet Gynecol Reprod Biol.</i> 2010 Apr;149(2):186-9. Epub 2010 Jan 13. PubMed PMID: 20074847.	Human
2010	Gasparini C, Marino IA, Boschetto C, Pilastro A. Effect of male age on sperm traits and sperm competition success in the guppy (<i>Poecilia reticulata</i>). <i>J Evol Biol.</i> 2010 Jan;23(1):124-35. Epub 2009 Nov 13. PubMed PMID: 19912453.	Fish
2010	Gasparini C, Simmons LW, Beveridge M, Evans JP, 2010 Sperm Swimming Velocity Predicts Competitive Fertilization Success in the Green Swordtail <i>Xiphophorus helleri</i> . <i>PLoS ONE</i> 5(8): e12146. doi:10.1371/journal.pone.0012146 Open Access Article	Fish
2010	Gholami H, Chamani M, Towhidi A, Fazeli MH. Effect of feeding a docosahexaenoic acid-enriched nutraceutical on the quality of fresh and frozen-thawed semen in Holstein bulls. <i>Theriogenology.</i> 2010 Dec;74(9):1548-58. Epub 2010 Aug 12. PubMed PMID: 20708237.	Bovine
2010	Hoogewijs M, Rijsselaere T, De Vlieghe S, Vanhaesebrouck E, De Schauwer C, Govaere J, Thys M, Hoflack G, Van Soom A, de Kruif A. Influence of different centrifugation protocols on equine semen preservation. <i>Theriogenology.</i> 2010 Jul 1;74(1):118-26. Epub 2010 Mar 6. PubMed PMID: 20207406.	Equine

Date	Citation	Species
2010	Kekäläinen K, Rudolfsen G, Janhunen M, Figenschou L, Peuhkuri N, Tamper N, Kortet R. Spawning coloration and sperm quality in a large lake population of Arctic charr (Salmonidae: <i>Salvelinus alpinus</i> L.) BMC Evolutionary Biology 2010, 10:20 doi:10.1186/1471-2148-10-20	Fish
2010	Kota V, Rai P, Weitzel JM, Middendorff R, Bhande SS, Shivaji S. Role of glycerol-3-phosphate dehydrogenase 2 in mouse sperm capacitation. Mol Reprod Dev. 2010 Jul 2. [Epub ahead of print] PubMed PMID: 20602492.	Mouse
2010	Krapf D, Arcelay E, Wertheimer EV, Sanjay A, Pilder SH, Salicioni AM, Visconti PE. Inhibition of Ser/Thr phosphatases induces capacitation-associated signaling in the presence of Src kinase inhibitors. J Biol Chem. 2010 Mar 12;285(11):7977-85. Epub 2010 Jan 12. PubMed PMID: 20068039; PubMed Central PMCID: PMC2832948. Open Access Article	Mouse
2010	McCarthy MJ, Baumber J, Kass PH, Meyers SA. Osmotic stress induces oxidative cell damage to rhesus macaque spermatozoa. Biol Reprod. 2010 Mar;82(3):644-51. Epub 2009 Oct 21. PubMed PMID: 19846599; PubMed Central PMCID: PMC2825172. Open Access Article	Monkey
2010	Mitra A, Richardson RT, O'Rand MG. Analysis of recombinant human semenogelin as an inhibitor of human sperm motility. Biol Reprod. 2010 Mar;82(3):489-96. Epub 2009 Nov 4. PubMed PMID: 19889947; PubMed Central PMCID: PMC2825168. Open Access Article	Human
2010	Moskovtsev SI, Jarvi K, Mullen JB, Cadesky KI, Hannam T, Lo KC. Testicular spermatozoa have statistically significantly lower DNA damage compared with ejaculated spermatozoa in patients with unsuccessful oral antioxidant treatment. Fertil Steril. 2010 Mar 1;93(4):1142-6. Epub 2008 Dec 23. PubMed PMID: 19108827.	Human
2010	Moskovtsev SI, Mullen JB, Lecker I, Jarvi K, White J, Roberts M, Lo KC. Frequency and severity of sperm DNA damage in patients with confirmed cases of male infertility of different aetiologies. Reprod Biomed Online. 2010 Jun;20(6):759-763. Epub 2010 Mar 6. PubMed PMID: 20378411.	Human
2010	Rota A, Bastianacci V, Magelli C, Panzani D, Camillo F. Evaluation of plasma membrane integrity of donkey spermatozoa. Reprod Domest Anim. 2010 Apr;45(2):228-32. Epub 2009 Jan 7. PubMed PMID: 19144042.	Donkey
2010	Sripada S, Townend J, Campbell D, Murdoch L, Mathers E, Bhattacharya S. Relationship between semen parameters and spontaneous pregnancy. Fertil Steril. 2010 Jul;94(2):624-30. Epub 2009 Apr 9. PubMed PMID: 19361792.	Human

Date	Citation	Species
2010	Yang H, Norris M, Winn R, Tiersch TR, Evaluation of cryoprotectant and cooling rate for sperm cryopreservation in the euryhaline fish medaka <i>Oryzias latipes</i> , <i>Cryobiology</i> , In Press, Corrected Proof, Available online 21 July 2010, ISSN 0011-2240, DOI: 10.1016/j.cryobiol.2010.07.006.	Fish
2009	Burnicka-Turek O, Shirneshan K, Paprotta I, Grzmil P, Meinhardt A, Engel W, Adham IM. Inactivation of insulin-like factor 6 disrupts the progression of spermatogenesis at late meiotic prophase. <i>Endocrinology</i> . 2009 Sep;150(9):4348-57. Epub 2009 Jun 11. PubMed PMID: 19520787. Open Access Article	Mouse
2009	Chabory E, Damon C, Lenoir A, Kauselmann G, Kern H, Zevnik B, Garrel C, Saez F, Cadet R, Henry-Berger J, Schoor M, Gottwald U, Habenicht U, Drevet JR, Vernet P. Epididymis seleno-independent glutathione peroxidase 5 maintains sperm DNA integrity in mice. <i>J Clin Invest</i> . 2009 Jul;119(7):2074-85. doi: 10.1172/JCI38940. Epub 2009 Jun 22. PubMed PMID: 19546506; PubMed Central PMCID: PMC2701883. Open Access Article	Mouse
2009	Côté J, Blier PU, Caron A, Dufresne F. Do territorial male three-spined sticklebacks have sperm with different characteristics than nonterritorial males? <i>Canadian Journal of Zoology</i> . 2009 Nov;87(11):1061-1068	Fish
2009	Dziminski MA, Roberts JD, Beveridge M, Simmons LW. Sperm competitiveness in frogs: slow and steady wins the race. <i>Proc Biol Sci</i> . 2009 Nov 22;276(1675):3955-61. Epub 2009 Aug 26. PubMed PMID: 19710059; PubMed Central PMCID: PMC2825793. Open Access Article	Frog
2009	Eilertsen EM, Bardsen BJ, Liljedal S, Rudolfson G, Folstad I. Experimental evidence for paternal effects on offspring growth rate in Arctic charr (<i>Salvelinus alpinus</i>). <i>Proc. R. Soc. B</i> (2009) 276, 129–136 doi:10.1098/rspb.2008.0884	Fish
2009	Evans, J. No evidence for sperm priming responses under varying sperm competition risk or intensity in guppies. <i>Naturwissenschaften</i> 2009 96(7):771-779 DOI: 10.1007/s00114-009-0529-6.	Fish
2009	Fitzpatrick JL, Montgomerie R, Desjardins JK, Stiver KA, Kolm N, Balshine S. Female promiscuity promotes the evolution of faster sperm in cichlid fishes. <i>Proc Natl Acad Sci U S A</i> . 2009 Jan 27;106(4):1128-32. Epub 2009 Jan 21. PubMed PMID: 19164576; PubMed Central PMCID: PMC2633556. Open Access Article	Fish
2009	Freour T, Jean M, Mirallie S, Langlois ML, Dubourdieu S, Barriere P. Predictive value of CASA parameters in IUI with frozen donor sperm. <i>Int J Androl</i> . 2009 Oct;32(5):498-504. Epub 2008 Apr 9. PubMed PMID: 18399982.	Human

Date	Citation	Species
2009	Gasparini C, Peretti AV, Pilastro A. Female presence influences sperm velocity in the guppy. <i>Biol Lett.</i> 2009 Dec 23;5(6):792-4. Epub 2009 Aug 5. PubMed PMID: 19656863; PubMed Central PMCID: PMC2827984. Open Access Articles	Fish
2009	Grady ST, Cavinder CA, Brinsko SP, Forrest DW, Sawyer JE, Scott BD. Dietary Supplementation of Two Varying Sources of n-3 Fatty Acids and Subsequent Effects on Fresh, Cooled, and Frozen Seminal Characteristics of Stallions. <i>Professional Animal Scientist</i> 2009 25:768-773.	Equine
2009	Haugland T, Rudolfson G, Figenschou L, Folstad I. Sperm velocity and its relation to social status in Arctic charr (<i>Salvelinus alpinus</i>). <i>Anim Reprod Sci.</i> 2009 Oct;115(1-4):231-7. Epub 2008 Nov 20. PubMed PMID: 19097711.	Fish
2009	Hawkes WC, Alkan Z, Wong K. Selenium supplementation does not affect testicular selenium status or semen quality in North American men. <i>J Androl.</i> 2009 Sep-Oct;30(5):525-33. Epub 2009 Apr 2. PubMed PMID: 19342701. Open Access Article	Human
2009	Heinen TJ, Staubach F, Häming D, Tautz D. Emergence of a new gene from an intergenic region. <i>Curr Biol.</i> 2009 Sep 29;19(18):1527-31. Epub 2009 Sep 3. PubMed PMID: 19733073.	Mouse
2009	Hung PH, Froenicke L, Lin CY, Lyons LA, Miller MG, Pinkerton KE, VandeVoort CA. Effects of environmental tobacco smoke in vivo on rhesus monkey semen quality, sperm function, and sperm metabolism. <i>Reprod Toxicol.</i> 2009 Apr;27(2):140-8. Epub 2008 Dec 30. PubMed PMID: 19159676.	Monkey
2009	Janhunen M, Rudolfson G, Kekalainen J, Figenschou N, Kortet R. Spawning coloration and sperm quality in a large lake population of Arctic charr (<i>Salmonidae: Salvelinus alpinus</i> L.) <i>Biological Journal of the Linnean Society.</i> 2009 Dec;98(4):794-802. DOI: 10.1111/j.1095-8312.2009.01317.x	Fish
2009	Kleven O, Fossøy F, Laskemoen T, Robertson RJ, Rudolfson G, Lifjeld JT. Comparative evidence for the evolution of sperm swimming speed by sperm competition and female sperm storage duration in passerine birds. <i>Evolution.</i> 2009 Sep;63(9):2466-73. Epub 2009 Apr 30. PubMed PMID: 19453726.	Bird
2009	Kota V, Dhople VM, Shivaji S. Tyrosine phosphoproteome of hamster spermatozoa: role of glycerol-3-phosphate dehydrogenase 2 in sperm capacitation. <i>Proteomics.</i> 2009 Apr;9(7):1809-26. PubMed PMID: 19333995.	Hamster
2009	López A, Rijsselaere T, Van Soom A, Leroy J, De Clercq J, Bols P, Maes D. Effect of Organic Selenium in the Diet on Sperm Quality of Boars. <i>Reprod Domest Anim.</i> 2009 Dec 10. [Epub ahead of print] PubMed PMID: 20015118.	Boar

Date	Citation	Species
2009	Marentette JR, Fitzpatrick JL, Berger RG, Balshine S. Multiple Male Reproductive Morphs in the Invasive Round Goby (<i>Apollonia melanostoma</i>). Journal of Great Lakes Research 2009: Jun;35(2):302-308 doi: 10.1016/j.jglr.2009.01.009	Fish
2009	Martínez-Pastor F, Martínez F, Alvarez M, Maroto-Morales A, García-Alvarez O, Soler AJ, Garde JJ, de Paz P, Anel L. Cryopreservation of Iberian red deer (<i>Cervus elaphus hispanicus</i>) spermatozoa obtained by electroejaculation. Theriogenology. 2009 Mar 1;71(4):628-38. Epub 2008 Oct 30. PubMed PMID: 18976805.	Deer
2009	Moller AP, Mousseau TA, Rudolfson G, Balbontín J, Marzal A, Hermosell I, De Lope F. Senescent sperm performance in old male birds. J Evol Biol. 2009 Feb;22(2):334-44. Epub 2008 Nov 14. PubMed PMID: 19032491.	Bird
2009	Moskovtsev SI, Lecker I, Mullen JB, Jarvi K, Willis J, White J, Lo KC. Cause-specific treatment in patients with high sperm DNA damage resulted in significant DNA improvement. Syst Biol Reprod Med. 2009 Mar-Apr;55(2):109-15. PubMed PMID: 19462290.	Human
2009	Moskovtsev SI, Willis J, White J, Mullen JB. Sperm DNA damage: correlation to severity of semen abnormalities. Urology. 2009 Oct;74(4):789-93. Epub 2009 Jul 30. PubMed PMID: 19643462.	Human
2009	Peruzzi S, Rudolfson G, Primicerio R, Frantzen M, Kauric G. Milt characteristics of diploid and triploid Atlantic cod (<i>Gadus morhua</i> L.) Aquaculture Research, 2009, 1-10. doi:10.1111/j.1365-2109.2009.02212.x	Fish
2009	Pitcher TE, Beausoleil JJ, Abbott JA, Vandereerden JL. Sperm design and function in the reidside dace <i>Clinostomus elongatus</i> . Journal of Fish Biology. 2009 Sep; 75(4): 924-931. DOI: 10.1111/j.1095-8649.2009.02337.x	Fish
2009	Pitcher TE, Doucet SM, Beausoleil MJ, Hanley H. Secondary sexual characters and sperm traits in coho salmon <i>Oncorhynchus kisutch</i> . Journal of Fish Biology. 2009 May; 74(7):1450-1461 DOI: 10.1111/j.1095-8649.2009.02210.x	Fish
2009	Polyzos A, Schmid TE, Piña-Guzmán B, Quintanilla-Vega B, Marchetti F. Differential sensitivity of male germ cells to mainstream and sidestream tobacco smoke in the mouse. Toxicol Appl Pharmacol. 2009 Jun 15;237(3):298-305. Epub 2009 Apr 5. PubMed PMID: 19345701.	Mouse
2009	Rosengrave P, Montgomerie R, Metcalf VJ, McBride K, Gemmell NJ. Sperm traits in Chinook salmon depend upon activation medium: implications for studies of sperm competition in fishes. Canadian Journal of Zoology, 2009 Oct;87(10):920-927.	Fish

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2009	Rosengrave P, Taylor H, Montgomerie R, Metcalf V, McBride K, Gemmell NJ. Chemical composition of seminal and ovarian fluids of chinook salmon (<i>Oncorhynchus tshawytscha</i>) and their effects on sperm motility traits. <i>Comp Biochem Physiol A Mol Integr Physiol</i> . 2009 Jan;152(1):123-9. Epub 2008 Sep 19. PubMed PMID: 18835457.	Fish
2009	Simmons LW, Roberts JD, Dziminski MA. Egg jelly influences sperm motility in the externally fertilizing frog, <i>Crinia georgiana</i> . <i>J Evol Biol</i> . 2009 Jan;22(1):225-9. PubMed PMID: 19120822.	Frog
2009	Skjæraasen JE, Mayer I, Meager JJ, Rudolfson G, Karlsen Ø, Haugland T, Kleven O. Sperm characteristics and competitive ability in farmed and wild cod. <i>Mar Ecol Prog Ser</i> 375: 219–228, 2009	Fish
2009	Stewart DT, Breton S, Blier PU, Hoeh WR. Masculinization Events and Doubly Uniparental Inheritance of Mitochondrial DNA: A Model for Understanding the Evolutionary Dynamics of Gender-Associated mtDNA in Mussels. 2009. Book Chapter in <i>Evolutionary Biology, Part 1</i> , 163-173, DOI: 10.1007/978-3-642-00952-5_9	Mussel
2009	Takayama T, Katayose H, Yanagida K, Sato A. Embryo development after intracytoplasmic sperm injection can be predicted by assessment of sperm nuclear chromatin. <i>Reproductive Medicine and Biology</i> , 2009, Jun; 8(2):63-69 DOI: 10.1007/s12522-009-0010-4	Human
2009	Thys M, Vandaele L, Morrell JM, Mestach J, Van Soom A, Hoogewijs M, Rodriguez-Martinez H. In vitro fertilizing capacity of frozen-thawed bull spermatozoa selected by single-layer (glycidoxypropyltrimethoxysilane) silane-coated silica colloidal centrifugation. <i>Reprod Domest Anim</i> . 2009 Jun;44(3):390-4. Epub 2008 Oct 7. PubMed PMID: 18992094.	Bovine
2009	Webb GW, Dean MM, Humes RA, Heywood JS. A Comparison of the Ability of Three Commercially Available Diluents to Maintain the Motility of Cold Stored Stallion Semen. <i>Journal of Equine Veterinary Science</i> 2009 Apr;29,(4):229-232, DOI: 10.1016/j.jevs.2009.03.003)	Equine
2009	Webb GW, Dean MM. Effect of Centrifugation Technique on Post-storage Characteristics of Stallion Spermatozoa. 2009 Sept;29(9): 675-680 DOI: 10.1016/j.jevs.2009.07.016)	Equine
2009	Whiteley AR, Persaud KN, Derome N, Montgomerie R, Bernatchez L. Reduced sperm performance in backcross hybrids between species pairs of whitefish (<i>Coregonus clupeaformis</i>). <i>Canadian Journal of Zoology</i> 2009 Jul;87(7):566-572 DOI 10.1139/Z09-042	Fish

Date	Citation	Species
2009	Yamauchi S, Nakamura S, Lay KM, Azuma T, Yakabi T, Muto N, Nakada T, Ashizawa K, Tatemoto H. Characteristics of Okinawan native agu pig spermatozoa after addition of low-density lipoprotein to freezing extender. <i>J Reprod Dev.</i> 2009 Oct;55(5):558-65. Epub 2009 Jul 1. PubMed PMID: 19571465. Open Access Article	Boar
2008	Abe Y, Lee DS, Sano H, Akiyama K, Yanagimoto-Ueta Y, Asano T, Suwa Y, Suzuki H. Artificial insemination with canine spermatozoa frozen in a skim milk/glucose-based extender. <i>J Reprod Dev.</i> 2008 Aug;54(4):290-4. Epub 2008 May 13. PubMed PMID: 18475036. Open Access Article	Canine
2008	Balda Manzanos S, Fernández Fernández A, Montero Rubio R, Martínez Castellanos F. Clinical cases about secondary sterility caused by obstructive azoospermia with surgical repair possibilities <i>Actas Urol Esp</i> 2008 32,(6)656-658. doi: 10.4321/S0210-48062008000600015	Human
2008	Barreto MAP, Silva JFS, Fagundes B, Caiado JRC, Souza GV, Shimoya A. Effect of high concentration of protein of the equine seminal plasma on semen cryopreservation. <i>R. Bras. Zootec.</i> [online]. 2008, 37(12):2115-2119 ISSN 1806-9290. doi: 10.1590/S1516-35982008001200006.	Equine
2008	Bencharif D, Amirat L, Anton M, Schmitt E, Desherces S, Delhomme G, Langlois ML, Barrière P, Larrat M, Tainturier D. The advantages of LDL (low density lipoproteins) in the cryopreservation of canine semen. <i>Theriogenology.</i> 2008 Dec;70(9):1478-88. Epub 2008 Sep 24. PubMed PMID: 18817963.	Canine
2008	Brum AM, Sabeur K, Ball BA. Apoptotic-like changes in equine spermatozoa separated by density-gradient centrifugation or after cryopreservation. <i>Theriogenology.</i> 2008 Jun;69(9):1041-55. Epub 2008 Apr 18. PubMed PMID: 18378291.	Equine
2008	Campagna C, Ayotte P, Sirard MA, Bailey JL. An environmentally relevant mixture of organochlorines, their metabolites and effects on preimplantation development of porcine embryos. <i>Reprod Toxicol.</i> 2008 Apr;25(3):361-6. Epub 2008 Mar 27. PubMed PMID: 18479888.	Boar
2008	Carvalho FPde, Silva JFS, de Souza GV, Quirino CR, de Carvalho CSP. Diferentes diluentes sobre a motilidade e integridade de membrana plasmática após o congelamento e descongelamento de sêmen ovino. <i>Revista Brasileira de Saúde e Produção Animal</i> ,2008 9(3):612-620. (Portuguese)	Ram
2008	Filliers M, Rijsselaere T, Bossaert P, De Causmaecker V, Dewulf J, Pope CE, Van Soom A. Computer-assisted sperm analysis of fresh epididymal cat spermatozoa and the impact of cool storage (4 degrees C) on sperm quality. <i>Theriogenology.</i> 2008 Dec;70(9):1550-9. Epub 2008 Aug 8. PubMed PMID: 18692229.	Feline

Date	Citation	Species
2008	Firman RC, Simmons LW. The frequency of multiple paternity predicts variation in testes size among island populations of house mice. <i>J Evol Biol.</i> 2008 Nov;21(6):1524-33. Epub 2008 Sep 20. PubMed PMID: 18811664.	Mouse
2008	Fitzpatrick JL, Desjardins JK, Milligan N, Stiver KA, Montgomerie R, Balshine S. Female-mediated causes and consequences of status change in a social fish. <i>Proc Biol Sci.</i> 2008 Apr 22;275(1637):929-36. PubMed PMID: 18230595; PubMed Central PMCID: PMC2599934. Open Access Article	Fish
2008	Fitzpatrick JL, Nadella S, Bucking C, Balshine S, Wood CM. The relative sensitivity of sperm, eggs and embryos to copper in the blue mussel (<i>Mytilus trossulus</i>). <i>Comp Biochem Physiol C Toxicol Pharmacol.</i> 2008 May;147(4):441-9. Epub 2008 Feb 5. PubMed PMID: 18308641.	Mussel
2008	Grady ST. Dietary supplement of omega-3 fatty acids and subsequent effects on fresh, cooled, and frozen seminal characteristics of stallions. 2008, MS Thesis, Texam A&M University.	Equine
2008	Grzmil P, Boinska D, Kleene KC, Adham I, Schlüter G, Kämper M, Buyandelger B, Meinhardt A, Wolf S, Engel W. Prm3, the fourth gene in the mouse protamine gene cluster, encodes a conserved acidic protein that affects sperm motility. <i>Biol Reprod.</i> 2008 Jun;78(6):958-67. Epub 2008 Feb 6. PubMed PMID: 18256328. Open Access Article	Mouse
2008	Hase Y, Tatsuno M, Nishi T, Kataoka K, Kabe Y, Yamaguchi Y, Ozawa N, Natori M, Handa H, Watanabe H. Atrazine binds to F1F0-ATP synthase and inhibits mitochondrial function in sperm. <i>Biochem Biophys Res Commun.</i> 2008 Feb 1;366(1):66-72. Epub 2007 Dec 4. PubMed PMID: 18060860.	Unknown
2008	Hung PH, Miller MG, Meyers SA, VandeVoort CA. Sperm mitochondrial integrity is not required for hyperactivated motility, zona binding, or acrosome reaction in the rhesus macaque. <i>Biol Reprod.</i> 2008 Aug;79(2):367-75. Epub 2008 May 14. PubMed PMID: 18480469; PubMed Central PMCID: PMC2714994. Open Access Article	Monkey
2008	Kumar V, Kota V, Shivaji S. Hamster sperm capacitation: role of pyruvate dehydrogenase A and dihydrolipoamide dehydrogenase. <i>Biol Reprod.</i> 2008 Aug;79(2):190-9. Epub 2008 Apr 9. PubMed PMID: 18401010. Open Access Article	Hamster
2008	Laskemoen T, Fossøy F, Rudolfson G, Lifjeld JT. Age-related variation in primary sexual characters in a passerine with male age-related fertilization success, the bluethroat <i>Luscinia svecica</i> . <i>J. Avian Biol.</i> 39: 322-328, 2008 doi: 10.1111/j.2008.0908-8857.04178.x	Bird

Date	Citation	Species
2008	Liljedal S, Rudolfson G, Folstad I. Factors predicting male fertilization success in an external fertilizer. <i>Behav Ecol Sociobiol</i> (2008) 62:1805–1811. DOI 10.1007/s00265-008-0609-1	Fish
2008	Loomis PR, Graham JK. Commercial semen freezing: individual male variation in cryosurvival and the response of stallion sperm to customized freezing protocols. <i>Anim Reprod Sci.</i> 2008 Apr;105(1-2):119-28. Epub 2007 Nov 26. Review. PubMed PMID: 18178040.	Equine
2008	Milani, C. Improvement of quality of canine frozen-thawed semen: in vitro and in vivo assays. 2008 (Thesis) http://paduaresearch.cab.unipd.it/757/	Canine
2008	Moller AP, Mousseau TA, Lynn C, Ostermiller S, Rudolfson G. Impaired swimming behaviour and morphology of sperm from barn swallows <i>Hirundo rustica</i> in Chernobyl. <i>Mutat Res.</i> 2008 Feb 29;650(2):210-6. Epub 2007 Dec 23. Erratum in: <i>Mutat Res.</i> 2008;652(2):209. Lynnn, C [corrected to Lynn, C]. PubMed PMID: 18218334.	Bird
2008	Moller AP, Mousseau TA, Rudolfson G. Females affect sperm swimming performance: a field experiment with barn swallows <i>Hirundo rustica</i> . <i>Behav. Ecol., November/December 2008; 19: 1343 - 1350.</i>	Bird
2008	Rajkovic A, Uyttendaele M, Vermeulen A, Andjelkovic M, Fitz-James I, in 't Veld P, Denon Q, Vérhe R, Debevere J. Heat resistance of <i>Bacillus cereus</i> emetic toxin, cereulide. <i>Lett Appl Microbiol.</i> 2008 May;46(5):536-41. Epub 2008 Mar 18. PubMed PMID: 18363653.	Boar
2008	Rosengrave P, Gemmell NJ, Metcalf V, McBride K, Montgomerie R: A mechanism for cryptic female choice in chinook salmon Patrice, Neil J., Victoria, Katherine and Robert <i>Behavioral Ecology</i> 2008 19(6):1179-1185; doi:10.1093/beheco/arn089	Fish
2008	Rota A, Magelli C, Panzani D, Camillo F. Effect of extender, centrifugation and removal of seminal plasma on cooled-preserved <i>Amiata</i> donkey spermatozoa. <i>Theriogenology.</i> 2008 Jan 15;69(2):176-85. Epub 2007 Oct 22. PubMed PMID: 17945340.	Donkey
2008	Rudolfson G, Figenschou L, Folstad I, Kleven O. Sperm velocity influence paternity in the Atlantic cod (<i>Gadus morhua</i> L.) <i>Aquaculture Research</i> , 2008, 39, 212-216. doi:10.1111/j.1365-2109.2007.01863.x	Fish
2008	Rudolfson G, Müller R, Urbach D, Wedekind C. Predicting the mating system from phenotypic correlations between life-history and sperm quality traits in the Alpine whitefish <i>Coregonus zugensis</i> . <i>Behav Ecol Sociobiol</i> (2008) 62:561–567. DOI 10.1007/s00265-007-0480-5	Fish

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2008	Shirneshan K, Binder S, Böhm D, Wolf S, Sancken U, Meinhardt A, Schmid M, Engel W, Adham IM. Directed overexpression of insulin in Leydig cells causes a progressive loss of germ cells. <i>Mol Cell Endocrinol.</i> 2008 Nov 25;295(1-2):79-86. Epub 2008 Jul 23. PubMed PMID: 18692115.	Mouse
2008	Sutton KA, Jungnickel MK, Florman HM. A polycystin-1 controls postcopulatory reproductive selection in mice. <i>Proc Natl Acad Sci U S A.</i> 2008 Jun 24;105(25):8661-6. Epub 2008 Jun 18. PubMed PMID: 18562295; PubMed Central PMCID: PMC2438416. Open Access Article	Mouse
2008	Towler MC, Fogarty S, Hawley SA, Pan DA, Martin DM, Morrice NA, McCarthy A, Galardo MN, Meroni SB, Cigorraga SB, Ashworth A, Sakamoto K, Hardie DG. A novel short splice variant of the tumour suppressor LKB1 is required for spermiogenesis. <i>Biochem J.</i> 2008 Nov 15;416(1):1-14. PubMed PMID: 18774945. Open Access Article	Mouse
2008	Van Tilman MF, Silva JFS, Dias AJB, Quirino CR, Fagundes B. Influence of insulin in the freezing of ovine semen. <i>Ciência Animal Brasileira</i> 2008 Jul/Sep;9(3):31-739.	Sheep
2008	Wertheimer EV, Salicioni AM, Liu W, Trevino CL, Chavez J, Hernández-González EO, Darszon A, Visconti PE. Chloride Is essential for capacitation and for the capacitation-associated increase in tyrosine phosphorylation. <i>J Biol Chem.</i> 2008 Dec 19;283(51):35539-50. Epub 2008 Oct 27. PubMed PMID: 18957426; PubMed Central PMCID: PMC2602906. Open Access Article	Mouse
2008	Yoshimoto T, Nakamura S, Yamauchi S, Muto N, Nakada T, Ashizawa K, Tatemoto H. Improvement of the post-thaw qualities of Okinawan native pig spermatozoa frozen in an extender supplemented with ascorbic acid 2-O-alpha-glucoside. <i>Cryobiology.</i> 2008 Aug;57(1):30-6. Epub 2008 May 21. PubMed PMID: 18589410.	Boar
2007	Acosta-Salmón H, Jerry DR, Southgate PC. Effects of cryoprotectant agents and freezing protocol on motility of black-lip pearl oyster (<i>Pinctada margaritifera</i> L.) spermatozoa. <i>Cryobiology.</i> 2007 Feb;54(1):13-8. Epub 2006 Dec 4. PubMed PMID: 17141752.	Oyster
2007	Carli C, Leclerc P, Metz CN, Akoum A. Direct effect of macrophage migration inhibitory factor on sperm function: possible involvement in endometriosis-associated infertility. <i>Fertil Steril.</i> 2007 Oct;88(4 Suppl):1240-7. Epub 2007 Jul 20. PubMed PMID: 17658526.	Human
2007	Correa LM, Thomas A, Meyers SA. The macaque sperm actin cytoskeleton reorganizes in response to osmotic stress and contributes to morphological defects and decreased motility. <i>Biol Reprod.</i> 2007 Dec;77(6):942-53. Epub 2007 Sep 5. PubMed PMID: 17823088. Open Access Article	Monkey

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2007	Dass B, Tardif S, Park JY, Tian B, Weitlauf HM, Hess RA, Carnes K, Griswold MD, Small CL, Macdonald CC. Loss of polyadenylation protein tauCstF-64 causes spermatogenic defects and male infertility. <i>Proc Natl Acad Sci U S A</i> . 2007 Dec 18;104(51):20374-9. Epub 2007 Dec 12. PubMed PMID: 18077340; PubMed Central PMCID: PMC2154438 Open Access Article	Mouse
2007	Dev A, Nayernia K, Meins M, Adham I, Lacone F, Engel W. Mice deficient for RNA-binding protein brunol1 show reduction of spermatogenesis but are fertile. <i>Mol Reprod Dev</i> . 2007 Nov;74(11):1456-64. PubMed PMID: 17393433.	Mouse
2007	Figenschou L, Rudolfson G, Folstad I. Female Arctic charr do not show apparent benefits from exposing their eggs to sperm from dominant males. <i>Journal of Fish Biology</i> (2007) 71, 284–289 doi:10.1111/j.1095-8649.2007.01477.x	Fish
2007	Fitzpatrick JL, Desjardins JK, Milligan N, Montgomerie R, Balshine S. Reproductive-tactic-specific variation in sperm swimming speeds in a shell-brooding cichlid. <i>Biol Reprod</i> . 2007 Aug;77(2):280-4. Epub 2007 Apr 25. PubMed PMID: 17460159. Open Access Article	Fish
2007	Grzmil P, Gołas A, Müller C, Styrna J. The influence of the deletion on the long arm of the Y chromosome on sperm motility in mice. <i>Theriogenology</i> . 2007 Mar 1;67(4):760-6. Epub 2006 Nov 28. PubMed PMID: 17126391.	Mouse
2007	Hoflack G, Opsomer G, Rijsselaere T, Van Soom A, Maes D, de Kruif A, Duchateau L. Comparison of computer-assisted sperm motility analysis parameters in semen from Belgian blue and Holstein-Friesian bulls. <i>Reprod Domest Anim</i> . 2007 Apr;42(2):153-61. PubMed PMID: 17348972.	Bovine
2007	Hung PH, Baumber J, Meyers SA, VandeVoort CA. Effects of environmental tobacco smoke in vitro on rhesus monkey sperm function. <i>Reprod Toxicol</i> . 2007 Jun;23(4):499-506. Epub 2007 Apr 5. PubMed PMID: 17499478.	Monkey
2007	Jha M, Côté J, Hoeh W, Blier P, Stewart D. Sperm motility in <i>Mytilus edulis</i> in relation to mitochondrial DNA polymorphisms: implications for the evolution of doubly uniparental inheritance in bivalves. <i>Evolution</i> , 2008 Jan;62(1):99-106. DOI: 10.1111/j.1558-5646.2007.00262.x	Mussel
2007	Moskovtsev SI, Willis J, White J, Mullen JB. Leukocytospermia: relationship to sperm deoxyribonucleic acid integrity in patients evaluated for male factor infertility. <i>Fertil Steril</i> . 2007 Sep;88(3):737-40. Epub 2007 Mar 6. PubMed PMID: 17336968.	Human
2007	Pasupuleti V. Role of glycolysis and respiration in sperm motility and metabolism. December 2007. Kent State University. Thesis.	Bovine, Mouse

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2007	Peris SI, Bilodeau JF, Dufour M, Bailey JL. Impact of cryopreservation and reactive oxygen species on DNA integrity, lipid peroxidation, and functional parameters in ram sperm. <i>Mol Reprod Dev.</i> 2007 Jul;74(7):878-92. PubMed PMID: 17186553.	Ram
2007	Rajkovic A, Uyttendaele M, Debevere J. Computer aided boar semen motility analysis for cereulide detection in different food matrices. <i>Int J Food Microbiol.</i> 2007 Feb 28;114(1):92-9. Epub 2006 Dec 15. PubMed PMID: 17174428.	Boar
2007	Rijsselaere T, Maes D, Hoflack G, de Kruif A, Van Soom A. Effect of body weight, age and breeding history on canine sperm quality parameters measured by the Hamilton-Thorne analyser. <i>Reprod Domest Anim.</i> 2007 Apr;42(2):143-8. PubMed PMID: 17348970.	Canine
2007	Rota A, Milani C, Romagnoli S. Effect of post-thaw dilution with autologous prostatic fluid on dog semen motility and sperm acrosome status. <i>Theriogenology.</i> 2007 Feb;67(3):520-5. Epub 2006 Sep 28. PubMed PMID: 17010416.	Canine
2007	Sripada S, Fonseca S, Lee A, Harrild K, Giannaris D, Mathers E, Bhattacharya S. Trends in semen parameters in the northeast of Scotland. <i>J Androl.</i> 2007 Mar-Apr;28(2):313-9. Epub 2006 Nov 1. PubMed PMID: 17079743. Open Access Article	Human
2007	Strøm B. Examining the phenotypic plasticity in ejaculates of the Arctic charr by experimentally inducing successive changes in social status. May 2007, University of Tromsø, Norway. Thesis	Fish
2007	Tseden K, Topaloglu O, Meinhardt A, Dev A, Adham I, Müller C, Wolf S, Böhm D, Schlüter G, Engel W, Nayernia K. Premature translation of transition protein 2 mRNA causes sperm abnormalities and male infertility. <i>Mol Reprod Dev.</i> 2007 Mar;74(3):273-9. PubMed PMID: 16967499.	Mouse
2007	Vyt P, Maes D, Sys SU, Rijsselaere T, Van Soom A. Air contact influences the pH of extended porcine semen. <i>Reprod Domest Anim.</i> 2007 Apr;42(2):218-20. PubMed PMID: 17348982.	Boar
2007	Vyt, P. Examination and storage of liquid porcine semen. 2007. Ghent University, PhD Thesis	Boar
2007	Wedekind C, Rudolfsen G, Jacob A, Urbach D, Muller R. The genetic consequences of hatchery-induced sperm competition in a salmonid. <i>Biological Conservation,</i> 2007 June;137(2):180-188	Fish

Date	Citation	Species
2006	Babiak I, Ottesen O, Rudolfsen G, Johnsen S. Quantitative characteristics of Atlantic halibut, <i>Hippoglossus hippoglossus</i> L., semen throughout the reproductive season. <i>Theriogenology</i> . 2006 May;65(8):1587-604. Epub 2005 Oct 17. PubMed PMID:16233911.	Fish
2006	Baumber J, Meyers SA. Changes in membrane lipid order with capacitation in rhesus macaque (<i>Macaca mulatta</i>) spermatozoa. <i>J Androl</i> . 2006 Jul-Aug;27(4):578-87. Epub 2006 Apr 1. PubMed PMID: 16582419. Open Access Article	Monkey
2006	Baumber J, Meyers SA. Hyperactivated motility in rhesus macaque (<i>Macaca mulatta</i>) spermatozoa. <i>J Androl</i> . 2006 May-Jun;27(3):459-68. Epub 2005 Dec 8. PubMed PMID: 16339455. Open Access Article	Monkey
2006	Campagna C, Ayotte P, Sirard MA, Arsenault G, Laforest JP, Bailey JL. Effect of an environmentally relevant metabolized organochlorine mixture on porcine cumulus-oocyte complexes. <i>Reprod Toxicol</i> . 2007 Feb;23(2):145-52. Epub 2006 Dec 8. PubMed PMID: 17158027.	Boar
2006	Casselmann SJ, Schulte-Hostedde AI, Montgomerie R. Sperm quality influences male fertilization success in walleye (<i>Sander vitreus</i>) Can. <i>J. Fish. Aquat. Sci</i> . 2006; 63(9): 2119–2125, doi:10.1139/F06-108	Fish
2006	Fitzpatrick JL, Desjardins JK, Stiver KA, Montgomerie R, Balshine R. Male reproductive suppression in the cooperatively breeding fish <i>Neolamprologus pulcher</i> . <i>Behavioral Ecology</i> 2006 17(1):25-33; doi:10.1093/beheco/ari090	Fish
2006	Goovaerts IG, Hoflack GG, Van Soom A, Dewulf J, Nichi M, de Kruif A, Bols PE. Evaluation of epididymal semen quality using the Hamilton-Thorne analyzer indicates variation between the two caudae epididymides of the same bull. <i>Theriogenology</i> . 2006 Jul 15;66(2):323-30. Epub 2006 Jan 4. PubMed PMID: 16387353.	Bovine
2006	Held T, Paprotta I, Khulan J, Hemmerlein B, Binder L, Wolf S, Schubert S, Meinhardt A, Engel W, Adham IM. Hspa4l-deficient mice display increased incidence of male infertility and hydronephrosis development. <i>Mol Cell Biol</i> . 2006 Nov;26(21):8099-108. Epub 2006 Aug 21. PubMed PMID: 16923965; PubMed Central PMCID: PMC1636758. Open Access Article	Mouse
2006	Kumar V, Rangaraj N, Shivaji S. Activity of pyruvate dehydrogenase A (PDHA) in hamster spermatozoa correlates positively with hyperactivation and is associated with sperm capacitation. <i>Biol Reprod</i> . 2006 Nov;75(5):767-77. Epub 2006 Jul 19. PubMed PMID: 16855207. Open Access Article	Hamster

Date	Citation	Species
2006	Moskovtsev SI, Willis J, Mullen JB. Age-related decline in sperm deoxyribonucleic acid integrity in patients evaluated for male infertility. <i>Fertil Steril</i> . 2006 Feb;85(2):496-9. PubMed PMID: 16595239.	Human
2006	Rajkovic A, Uyttendaele M, Deley W, Van Soom A, Rijsselaere T, Debevere J. Dynamics of boar semen motility inhibition as a semi-quantitative measurement of <i>Bacillus cereus</i> emetic toxin (Cereulide). <i>J Microbiol Methods</i> . 2006 Jun;65(3):525-34. Epub 2005 Nov 21. PubMed PMID: 16303197.	Boar
2006	Rajkovic A, Uyttendaele M, Ombregt SA, Jaaskelainen E, Salkinoja-Salonen M, Debevere J. Influence of type of food on the kinetics and overall production of <i>Bacillus cereus</i> emetic toxin. <i>J Food Prot</i> . 2006 Apr;69(4):847-52. PubMed PMID: 16629028.	Boar
2006	Ricker JV, Linfor JJ, Delfino WJ, Kysar P, Scholtz EL, Tablin F, Crowe JH, Ball BA, Meyers SA. Equine sperm membrane phase behavior: the effects of lipid-based cryoprotectants. <i>Biol Reprod</i> . 2006 Feb;74(2):359-65. Epub 2005 Oct 26. PubMed PMID: 16251500. Open Access Article	Equine
2006	Rota A, Milani C, Cabianca G, Martini M. Comparison between glycerol and ethylene glycol for dog semen cryopreservation. <i>Theriogenology</i> . 2006 Jun;65(9):1848-58. Epub 2005 Nov 28. PubMed PMID: 16310841.	Canine
2006	Rudolfson G, Figenschou L, Folstad I, Tveiten H, Figenschou M. Rapid adjustments of sperm characteristics in relation to social status. <i>Proc Biol Sci</i> . 2006 Feb 7;273(1584):325-32. PubMed PMID: 16543175; PubMed Central PMCID: PMC1560047. Open Access Article	Fish
2006	Siva AB, Yeung CH, Cooper TG, Shivaji S. Antimicrobial drug ornidazole inhibits hamster sperm capacitation, in vitro. <i>Reprod Toxicol</i> . 2006 Nov;22(4):702-9. Epub 2006 Jun 14. PubMed PMID: 16777375.	Hamster
2006	Sloter E, Schmid TE, Marchetti F, Eskenazi B, Nath J, Wyrobek AJ. Quantitative effects of male age on sperm motion. <i>Hum Reprod</i> . 2006 Nov;21(11):2868-75. Epub 2006 Jun 22. PubMed PMID: 16793993. Open Access Article	Human
2006	Vaz Serrano J, Folstad I, Rudolfson G, Figenschou L. Do the fastest sperm within an ejaculate swim faster in subordinate than in dominant males of Arctic char? <i>Canadian Journal of Zoology</i> , Volume 84, Number 7, 1 July 2006, pp. 1019-1024(6). doi:10.1139/Z06-097	Fish
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Date	Citation	Species
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2004	Burness G, Casselman SJ, Schulte-Hostedde AI, Moyes CD, Montgomerie R. Sperm swimming speed and energetics vary with sperm competition risk in bluegill (<i>Lepomis macrochirus</i>). <i>Behav Ecol Sociobiol</i> (2004) 56:65–70 DOI 10.1007/s00265-003-0752-7	Fish
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2004	Rijsselaere T, Van Soom A, Van Cruchten S, Coryn M, Görtz K, Maes D, de Kruif A. Sperm distribution in the genital tract of the bitch following artificial insemination in relation to the time of ovulation. <i>Reproduction.</i> 2004 Dec;128(6):801-11. PubMed PMID: 15579598. Open Access Article	Canine
2004	Rijsselaere T. New techniques for canine semen assessment and characterization of the sperm reservoir in the bitch. 2004. Thesis to obtain the academic degree of Doctor of Veterinary Science (PhD) Faculty of Veterinary Medicine, Ghent University.	Canine
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2003	Mannan AU, Nayernia K, Mueller C, Burfeind P, Adham IM, Engel W. Male mice lacking the Theg (testicular haploid expressed gene) protein undergo normal spermatogenesis and are fertile. <i>Biol Reprod.</i> 2003 Sep;69(3):788-96. Epub 2003 May 14. PubMed PMID: 12748127. Open Access Article	Mouse
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2003	Nayernia K, Meinhardt A, Drabent B, Adham IM, Müller C, Steckel M, Sancken U, Engel W. Synergistic effects of germ cell expressed genes on male fertility in mice. <i>Cytogenet Genome Res.</i> 2003;103(3-4):314-20. PubMed PMID: 15051954.	Mouse
2003	Rijsselaere T, Van Soom A, Maes D, de Kruif A. Effect of technical settings on canine semen motility parameters measured by the Hamilton-Thorne analyzer. <i>Theriogenology.</i> 2003 Nov;60(8):1553-68. PubMed PMID: 14519475.	Canine
2003	Rutlant J, Pommer AC, Meyers SA. Osmotic tolerance limits and properties of rhesus monkey (<i>Macaca mulatta</i>) spermatozoa. <i>J Androl.</i> 2003 Jul-Aug;24(4):534-41. PubMed PMID: 12826693. Open Access Article	Monkey

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2002	Baumber J, Vo A, Sabeur K, Ball BA. Generation of reactive oxygen species by equine neutrophils and their effect on motility of equine spermatozoa. <i>Theriogenology.</i> 2002 Feb;57(3):1025-33. PubMed PMID: 12041897.	Equine
2002	Carver DA, Ball BA. Lipase activity in stallion seminal plasma and the effect of lipase on stallion spermatozoa during storage at 5 degrees C. <i>Theriogenology.</i> 2002 Nov;58(8):1587-95. PubMed PMID: 12374128.	Equine
2002	Morrier A, Castonguay F, Bailey JL. Glycerol addition and conservation of fresh and cryopreserved ram spermatozoa. <i>Canadian Journal of Animal Science</i> 2002 Sept;82(3):347-356. doi:10.4141/A01-045	Ram
2002	Nayernia K, Adham IM, Burkhardt-Göttges E, Neesen J, Rieche M, Wolf S, Sancken U, Kleene K, Engel W. Asthenozoospermia in mice with targeted deletion of the sperm mitochondrion-associated cysteine-rich protein (Smcp) gene. <i>Mol Cell Biol.</i> 2002 May;22(9):3046-52. PubMed PMID: 11940662; PubMed Central PMCID: PMC133774. Open Access Article	Mouse
2002	Pommer AC, Rutlant J, Meyers SA. The role of osmotic resistance on equine spermatozoal function. <i>Theriogenology.</i> 2002 Oct 15;58(7):1373-84. PubMed PMID: 12387350.	Equine
2001	Ball BA, Medina V, Gravance CG, Baumbe J. Effect of antioxidants on preservation of motility, viability and acrosomal integrity of equine spermatozoa during storage at 5 degrees C. <i>Theriogenology.</i> 2001 Sep 1;56(4):577-89. PubMed PMID: 11572439 Open Access Article	Equine
2001	Ball BA, Vo A. Osmotic tolerance of equine spermatozoa and the effects of soluble cryoprotectants on equine sperm motility, viability, and mitochondrial membrane potential. <i>J Androl.</i> 2001 Nov-Dec;22(6):1061-9. PubMed PMID: 11700853 Open Access Article	Equine
2001	Neesen J, Kirschner R, Ochs M, Schmiedl A, Habermann B, Mueller C, Holstein AF, Nuesslein T, Adham I, Engel W. Disruption of an inner arm dynein heavy chain gene results in asthenozoospermia and reduced ciliary beat frequency. <i>Hum Mol Genet.</i> 2001 May 15;10(11):1117-28. PubMed PMID: 11371505. Open Access Article	Mouse
2000	Berlau J, Hipler UC, Schreiber G. Effizienz konventioneller Glaswollfiltration und SpermFertil® hinsichtlich ROS-Reduktion, Leukozytenreduktion und Erhöhung des Anteils motiler Spermien im Seminalplasma. <i>Zentralbl Gynakol</i> 2000; 122(8):428-432 DOI: 10.1055/s-2000-10603 (German)	Human

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1999	Hanlon RT, Ament SA, Gabr H. Behavioral aspects of sperm competition in cuttlefish, <i>Sepia officinalis</i> (Sepioidea: Cephalopoda). <i>Marine Biology</i> 1999 Sep;134(4):719-728 doi 10.1007/s002270050588	Fish