

**IVOS PUBLICATIONS (Human Only)**

Date	Citation	Species
2021	Branch FM, Perry MJ, Chen Z, Louis GMB. Metal(loid)s and Human Semen Quality: The LIFE Study. <i>Reproductive Toxicology</i> . 2021 Dec; 106: 94-102. doi: https://doi.org/10.1016/j.reprotox.2021.10.006 .	Human
2021	Feferkorn I, Shrem G, Azani L, Son WY, Nehushtan T, Salmon-Divon M, Dahan MH. Hope For Male Fecundity: Clinically Insignificant Changes in Semen Parameters Over 10 Years at a Single Clinic While Assessing an Infertility Population. <i>Journal of Assisted Reproduction and Genetics</i> . 2021 Aug 13: [1p.]. doi: https://doi.org/10.1007/s10815-021-02298-8 .	Human
2021	Hosseinmardi M, Siadat F, Sharafi M, Roodbari NH, Hezavehei M. Protective Effect of Cerium Oxide Nanoparticles on Human Sperm Function During Cryopreservation. <i>Biopreservation and Biobanking</i> . 2021 July 16: [1p.]. doi: https://doi.org/10.1089/bio.2021.0020 .	Human
2021	Mitsunami M, Salas-Huetos A, Minguez-Alarcon Lidia, Attaman JA, Ford JB, Kathrins M, Souter I, Chavarro JE. Men's Dietary Patterns in Relation to Infertility Treatment Outcomes Among Couples Undergoing In Vitro Fertilization. <i>J Assist Reprod Genet</i> . 2021 June 26: [1p.]. doi: https://doi.org/10.1007/s10815-021-02251-9 .	Human
2021	Mitsunami M, Salas-Huetos A, Minguez-Alarcon LM, Attaman JA, Ford JB, Kathrins M, Souter I, Chavarro JE. A Dietary Score Representing the Overall Relation of Men's Diet with Semen Quality in Relation to Outcomes of Infertility Treatment with Assisted Reproduction. <i>Fertil Steril</i> . 2021: 1-9. doi: https://doi.org/10.1016/j.xfre.2021.08.006 . Open Access Article	Human
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

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2021	Salang L, Seejom K, Pongsritasana T. The Effect of Incubation Temperature on Semen Parameters Before Intra-Uterine Insemination. <i>Scientific Reports</i> . 2021 Sept 2; 1: 1-9. doi: https://doi.org/10.21203/rs.3.rs-843825/v1 . Open Access Article	Human
2021	Toishibekov YM, Baikoshkarova SB, Assanova YA, Otarbayev MK, Komogortsev AN, Nekhorosheva VA, Tokubayeva AA, Battalov BP, Toishybek DY. 8 Effects of Magnetic-Activated Cell Sorting on Human Sperm Motility and DNA Fragmentation Index. <i>Reproduction, Fertility and Development</i> . 2021 Jan. 8; 33(2): 111. doi: https://doi.org/10.1071/RDv33n2Ab8 .	Human
2021	Wen Z, Zhen L, Tian E, Wang Y, Zhong Y, Ge R. Inhibition of Human Sperm Motility and Capacitation by Ziram is Mediated by Decreasing Tyrosine Protein Kinase. <i>Ecotoxicology and Environmental Safety</i> . 2021 July 15; 218: 1-11. doi: https://doi.org/10.1016/j.ecoenv.2021.112281 . Open Access Article	Human
2020	Aghazarian A, Huf W, Pfluger H, Klatter T. The 1999 and 2010 WHO Reference Values for Human Semen Analysis to Predict Sperm DNA Damage: A comparative study. <i>Reproductive Biology</i> . 2020 June 8: [1p.]. doi: https://doi.org/10.1016/j.repbio.2020.04.008 .	Human
2020	Aitken RJ, Mortimer D, Kovacs GT. <i>Male and Sperm Factors That Maximize IVF Success</i> . United Kingdom: Cambridge University Press; 2020. 235p.	Human
2020	Aitken RJ, Whiting Sara, Connaughton H, Curry B, Reinheimer T, van Duin M. A Novel Pathway for the Induction of DNA Damage in Human Spermatozoa Involving Extracellular Cell-free DNA. <i>Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis</i> . 2020 May-December; 821: [1p.]. doi: https://doi.org/10.1016/j.mrfmmm.2020.111722 .	Human
2020	AlShalian S, Nahas S, Al Rajeh L, AlBadran A, AlDossary J, AlBalawi R. Successful Conventional IVF Following Density Gradient Preparation in Patients with Poor and Borderline Sperm Morphology. <i>J Reprod Biotechnol Fertil</i> . 2020 April 26; 9: 17-23. Open Access Article	Human
2020	Boonsimma K, Ngeamvijawat J, Sukcharoen N, Boonla C. Supplementing Post-Wash Asthenozoospermic Human Spermatozoa with Coenzyme Q10 for 1 hr In Vitro Improves Sperm Motility, But Not Oxidative Stress. <i>Andrologia</i> . 2020 Sept. 28: [1p.]. doi: https://doi.org/10.1111/and.13818 .	Human

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2020	Harlev A, Henkel R, Samanta L, Agarwal A. Ritalinic Acid Stimulates Human Sperm Motility and Maintains Vitality In Vitro. <i>World J Mens Health</i> . 2020 Jan; 38 (1): 61-67. doi: https://doi.org/10.5534/wjmh.180127 . Open Access Article	Human
2020	Holmes E, Bjorndahl L, Kvist U. Hypotonic Challenge Reduces Human Sperm Motility Through Coiling and Folding of the Tail. <i>Andrologia</i> . 2020 Aug. 26: 1-7. doi:10.1111/and.13859. Open Access Article	Human
2020	Khashavi Z, Homaei A, Koohnavard F, Kamrani E, Spinaci M, Luwor RB, Archang M, Agarwal A, Henkel R. Novel Additive for Sperm Cryopreservation Media: <i>Holothuria Parva</i> Coelomic Cavity Extract Protects Human Spermatozoa Against Oxidative Stress—A Pilot Study. <i>Andrologia</i> . 2020 March 27; 52 (13604): 1-8. doi:10.1111/and.13604. Open Access Article	Human
2020	Lee MS, Lanes A, Ginsburg ES, Fox JH. Delta-9 THC can be Detected and Quantified in the Semen of Men who are Chronic Users of Inhaled Cannabis. <i>J Assist Reprod Genet</i> . 2020 April 30: [1p.]. doi: https://doi.org/10.1007/s10815-020-01762-1 .	Human
2020	Lu C, Zhang Y, Qin Y, Xu Q, Zhou R, Cui Y, Zhu Y, Zhang X, Zhang J, Wei X, Wang M, Hang B Mao JH, Snijders AM, Liu M, Hu Z, Shen H, Zhou Z, Guo X, Wu X, Wang X, Xia Y. Human X Chromosome Exome Sequencing Identifies BCORL1 as Contributor to Spermatogenesis. <i>Journal of Medical Genetics</i> . 2020 May 6: [1p.]. doi: 10.1136/jmedgenet-2019-106598.	Human
2020	Ma JX, Wang B, Li HS, Jiang XJ, Yu J, Ding CF, Chen WQ. Association Between Obesity-Associated Markers and Semen Quality Parameters and Serum Reproductive Hormones in Chinese Infertile Men. <i>Reproductive Biology and Endocrinology</i> . 2020 Sept. 29; 18(95): 1-15. doi: https://doi.org/10.1186/s12958-020-00652-6 . Open Access Article	Human
2020	Parekh N, Vij SC, Agarwal A. Novel Home-Based Devices for Male Infertility Screening. <i>Male Infertility</i> . 2020 Jan. 25: 831-837. doi: https://doi.org/10.1007/978-3-030-32300-4_66 .	Human
2020	Revollo NV, Thomsen FSL, Delrieux CA, Gonzalez-Jose R. Supervised Learning for Semantic Segmentation of Human Spermatozoa. <i>Proc. SPIE</i> . 2020 Jan. 3; 11330: [1p.]. doi: https://doi.org/10.1117/12.2542464 .	Human

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2020	Salmon-Divon M, Shrem G, Balayla J, Nehushtan T, Volodarsky-Perel A, Steiner N, Son WY, Dahan MH. An age-based sperm nomogram: the McGill reference guide. <i>Human Reproduction</i> . 2020 Sept. 11; 35 (10): 2213–2225. doi: https://doi.org/10.1093/humrep/deaa196 .	Human
2020	Shan D, Arhin SK, Zhao J, Xi H, Zhang F, Zhu C, Hu Y. Effects of SLIRP on Sperm Motility and Oxidative Stress. <i>Biomed Research International</i> . 2020 Oct. 23; 2020(9060356):1-5. doi: https://doi.org/10.1155/2020/9060356 . Open Access Article	Human
2020	Shen YR, Wang HY, Tsai YC, Kuo YC, Wu SR, Wang CY, Kuo PL. The SEPT12 Complex is Required for the Establishment of a Functional Sperm Head–tail Junction. <i>Molecular Human Reproduction</i> . 2020 May 11; 26(6): 402-412. doi: https://doi.org/10.1093/molehr/gaaa031 .	Human
2020	Sun P, Wang Y, Gao T, Li K, Zheng D, Liu A, Ni Y. Hsp90 Modulates Human Sperm Capacitation via the Erk1/2 and p38 MAPK Signaling Pathways. <i>Reproductive Biology and Endocrinology</i> . 2020 Oct. 28; 1: 1-23. doi: https://doi.org/10.21203/rs.3.rs-97403/v1 . Open Access Article	Human
2020	Zou DX, Meng XD, Xie Y, Liu R, Duan JL, Bao CJ, Liu YX, Du YF, Xu JR, Luo Q, Zhang Z, Ma S, Yang WP, Lin RC, Lu WL. Schisandrin B for Treatment of Male Infertility. <i>BioRxiv</i> . 2020 Jan. 21: 1-24. doi: https://doi.org/10.1101/2020.01.20.912147 . Open Access Article	Human
2019	Aghazarian A, Huf W, Pflüger H, Klätte T. The Association of Seminal Leucocytes, Interleukin-6 and Interleukin-8 with Sperm DNA Fragmentation: A prospective Study. <i>Andrologia</i> . 2019 Oct 22; 51(11): [1p.]. doi: https://doi.org/10.1111/and.13428 .	Human
2019	Alemi M, Omrani R, Tarhani J, Khodadadi B. The Effect of Semen Parameters on the Outcome of Induced In Vitro Fertilization (IVF) In Infertile Couples. <i>Int J Life Sci Pharma Res</i> . 2019 Jan; 9(1): 34-44. doi: http://dx.doi.org/10.22376/ijpbs/lpr.2019.9.1.L34-44 . Open Access Article	Human
2019	Chen F, Gao L, Zhou H, Guo L, Chen Q, Gan Y, Sun X, Li Q, Wang K. The Association Between Sperm Head Elongation and Semen Quality. <i>Andrology</i> . 2019 April 1: [1p.]. doi: https://doi.org/10.1111/andr.12619 .	Human
2019	Dias TR, Cho CL, Agarwal A. Sperm Assessment: Traditional Approaches and Their Indicative Value. <i>In Vitro Fertilization</i> . 2019 July 4: [1p.]. doi: https://doi.org/10.1007/978-3-319-43011-9_22 .	Human

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2019	Fu L, An Q, Zhang K, Liu Y, Tong Y, Xu J, Zhou F, Wang X, Guo Y, Lu W, Liang X, Gu Y. Quantitative Proteomic Characterization of Human Sperm Cryopreservation: Using Data-Independent Acquisition Mass Spectrometry. BMC Urology. 2019 Dec; 16(19): 133. doi: https://doi.org/10.1186/s12894-019-0565-2 . Open Access Article	Human
2019	Fu L, Liu Y, An Q, Zhang J, Tong Y, Zhou F, Lu W, Liang X, Gu Y. Glycolysis Metabolic Changes in Sperm Cryopreservation Based on a Targeted Metabolomic Strategy. Int J Clin Exp Pathol 2019. 12(5): 1775-1781. Open Access Article	Human
2019	Hernández-Silva G, López-Araiza Jef, López-Torres AS, Torres-Flores FLV, Chirinos M. Proteomic Characterization of Human Sperm Plasma Membrane-Associated Proteins and Their Role in Capacitation. Andrology. 2019 April 19: [1p.]. doi: https://doi.org/10.1111/andr.12627 .	Human
2019	Hua Z, Qing L, Liyuan G, Jingru Y, Min L, Xiaotian Z, Guodong Y. A Comparative Analysis of the Consistency of the Hamilton Thorne IVOS I and IVOS II Sperm Analyzers. National Journal of Andrology. 2019 April; 25 (4): 315-321. doi:10.13263/j.cnki.nja.2019.04.005.	Human
2019	Liang X, Mao Y, Wang Y, Liu S, Yan J. Female Age Affects the Utility of Sperm DNA Fragmentation in Predicting the Outcomes of In Vitro Fertilization and Intracytoplasmic Sperm Injection. Reproductive BioMedicine Online. 2019 Sept. 28: [1p.]. doi: https://doi.org/10.1016/j.rbmo.2019.09.013 .	Human
2019	Liu X, Li Q, Wang W, Liu F. Aberrant Expression of Sperm-Specific Glycolytic Enzymes are Associated with Poor Sperm Quality. Molecular Medicine Reports. 2019 Feb 1: 1-7. doi: 10.3892/mmr.2019.9926. Open Access Article	Human
2019	Liu X, Wang X, Liu F. Decreased Expression of Heat Shock Protein A4L In Spermatozoa Is Positively Related To Poor Human Sperm Quality. Molecular Reproduction & Development. 2019 Jan 13: [1p.]. doi: https://doi.org/10.1002/mrd.23113 .	Human
2019	Mbaye MM, El Khalfi B, Addoum B, Mar PD, Saadani B, Louanjli N, Soukri A. The Effect of Supplementation with Some Essential Oils on the Mobility and the Vitality of Human Sperm. The Scientific World Journal. 2019 May 14; 2019 (4878912): [1p.]. doi: https://doi.org/10.1155/2019/4878912 . Open Access Article	Human

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2019	Naknam W, Salang L, Sothornwit J, Amnatbuddee S, Seejorn K, Pongsritasana T, Sukkasame S. Effect of Sperm Selection Method by Cumulus Oophorus Complexes and Conventional Sperm Preparation Method on Sperm Quality and DNA Fragmentation for Assisted Reproduction Technology. <i>European Journal of Obstetrics & Gynecology and Reproductive Biology</i> . 2019 Dec; 243: 46-50. doi: https://doi.org/10.1016/j.ejogrb.2019.10.004 .	Human
2019	Nassan FL, Arvizu M, Minguez-Alarcon L, Williams PL, Attaman J, Petrozza J, Hauser R, Chavarro J. Marijuana smoking and markers of testicular function among men from a fertility centre. <i>Human Reproduction</i> . 2019 Feb 06: 1-9. doi: https://doi.org/10.1093/humrep/dez002 . Open Access Article	Human
2019	Nassan FL, Minguez-Alarcon L, Williams PL, Dadd R, Petrozza JC, Ford JB, Calafat AM, Hauser R. Urinary Triclosan Concentrations and Semen Quality Among Men from a Fertility Clinic. <i>Environmental Research</i> . 2019 Oct; 177: [1p.]. doi: https://doi.org/10.1016/j.envres.2019.108633 .	Human
2019	O'Neill HC, Nikoloska M, Ho H, Doshi A, Maalouf W. Improved Cryopreservation of Spermatozoa Using Vitrification: Comparison of Cryoprotectants and a Novel Device for Long-term Storage. <i>Journal of Assisted Reproduction and Genetics. Gamete Biology</i> . 2019 July 4: 1-8. doi: https://doi.org/10.1007/s10815-019-01505-x . Open Access Article	Human
2019	O'Neill HC, Maalouf WE, Harper JC, Jayasinghe SN. Bio-electrosprayed Human Sperm Remain Viable. <i>Materials Today</i> . 2019 Nov 5: [1p.]. doi: https://doi.org/10.1016/j.mattod.2019.10.004 .	Human
2019	Sisca, Yunaini L, Pujianto DA. Progesterone Decrease Plasma Membrane in Human Sperm with Subnormal Hypoosmotic Swelling Test Scores. <i>Univ Med</i> 2019;38:56-62. doi:10.18051/UnivMed.2019.v38.56-62. Open Access Article	Human
2019	Toishibekov Y, Shalekenov B, Assanova Y, Shalekenov S, Kuandykov Y, Toishybek D, Isachenko V. 41 Effect of Vitrification on DNA Integrity of Human Spermatozoa. <i>Reproduction, Fertility and Development</i> . 2019 Dec. 2; 32(2): 146. doi: https://doi.org/10.1071/RDv32n2Ab41 .	Human
2019	Wei SY, Chao HH, Huang HP, Hsu CF, LI SH, Hsu L. A Collective Tracking Method for Preliminary Sperm Analysis. <i>BioMed Eng OnLine</i> . 2019 Nov. 27; 18(112): 1-17. doi: https://doi.org/10.1186/s12938-019-0732-4 . Open Access Article	Human

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2019	Wiesak T, Milewski R, King K, Atkinson A, Morgan A. The Effect of Different Sperm Concentration in Semen on Clinical Outcomes of In Vitro Fertilization (IVF) and Intracytoplasmic Sperm Injection (ICSI): Retrospective Study. <i>Reprod Med Int.</i> 2019 March 28; 2(1): 1-6. DOI: 10.23937/RMI2017/1710010. Open Access Article	Human
2019	Yang M, Hu J, Xia M, Wang Y, Tian F, Li W, Sun Y, Zhou Z. Zinc Pyrithione Induces Immobilization of Human Spermatozoa and Suppresses the Response of the CAMP/PKA Signaling Pathway. <i>European Journal of Pharmaceutical Sciences.</i> 2019 Sept 1; 137: [1p.]. doi: https://doi.org/10.1016/j.ejps.2019.104984 .	Human
2019	Younes G, Tannus S, Son WY, Dahan MH. When to do Intracytoplasmic Sperm Injection: a Prospective Comparison. <i>Archives of Gynecology and Obstetrics.</i> 2019 Nov; 300(5): 1461-1471. https://doi.org/10.1007/s00404-019-05324-4 .	Human
2018	Abdullah AA, Balakrishnan KN, Bala JA, Abdullah FFJ, Nazariah ZA, Abdullah R, Noordin MM, Mohd-Lila MA. Cytomegalovirus Replication Steps and the Actions of Antiviral Drugs. <i>Anti Infective Agents.</i> 2018 Aug 28; 16(2): 80-95. doi: https://doi.org/10.2174/2211352516666180619155021 .	Human
2018	Allouche-Fitoussi D, Bakhshi D, Breitbart H. Signaling pathways involved in human sperm hyperactivated motility stimulated by Zn. <i>Molecular Reproduction & Development.</i> 2018 May 11: [1p.]. doi: https://doi.org/10.1002/mrd.22996 .	Human
2018	Barak Y, Ellenbogen A. Interacytoplasmic Morphologically Selected Sperm Injection: A Tool for Selecting the Best Sperm in Real Time. <i>Intech Open.</i> 2018 June 13; 10: [1p.]. doi: http://dx.doi.org/10.5772/intechopen.73388 . Open Access Article	Human
2018	Dziewirska E, Radwan M, Wielgomas B, Klimowska A, Radwan P, Kaluzny P, Hanke W, Slodki M, Jurewicz J. Human Semen Quality, Sperm DNA Damage, and the Level of Urinary Concentrations of 1N and TCPY, the Biomarkers of Nonpersistent Insecticides. <i>American Journal of Men's Health.</i> 2018 Dec 10: 1-10. doi: https://doi.org/10.1177/1557988318816598 .	Human
2018	Efrat M, Stein A, Pinkas H, Breitbart H, Unger R, Birk R. Paraoxonase 1 (PON1) Attenuates Sperm Hyperactivity and Spontaneous Acrosome Reaction. <i>Andrology.</i> 2018 Sept 17: [1p.]. doi: https://doi.org/10.1111/andr.12552 .	Human

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2018	Engel KM, Springsguth CH, Grunewald S. What Happens to the Unsuccessful Spermatozoa? <i>Andrology</i> . 2018 Feb 13: [1p.]. doi: 10.1111/andr.12467.	Human
2018	Harris AL, Vanegas JC, Hariton E, Bortoletto P, Palmor M, Humphries LA, Tanrikut C, Chavarro JE, Styer AK. Semen parameters on the day of oocyte retrieval predict low fertilization during conventional insemination IVF cycles. <i>Journal of Assisted Reprod and Gen</i> . 2018 Nov 10: 1-8. doi: https://doi.org/10.1007/s10815-018-1336-9 .	Human
2018	Hussian SA, Hameed A, Nasir F, Wu Y, Suleria HAR, Song Y. Evaluation of the Spermatogenic Activity of Polyherbal Formulation in Oligospermic Males. <i>BioMed Research International</i> . 2018 July 25; 2018(2070895): 1-9. doi: https://doi.org/10.1155/2018/2070895 . Open Access Article	Human
2018	Ingle ME, Minguez-Alarcon L, Carignan CC, Butt CM, Stapleton HM, Williams PL, Ford JB, Hauser R, Meeker JD. The association between urinary concentrations of phosphorous-containing flame retardant metabolites and semen parameters among men from a fertility clinic. <i>International Journal of Hygiene and Environmental Health</i> . 2018 May 2: [1p.]. doi: https://doi.org/10.1016/j.ijheh.2018.05.001 .	Human
2018	Lee RKK, Tseng HC, Hwu YM, Fan CC, Lin MH, Yu JJ, Yeh LY, Li SH. Expression of Cystatin C in the Female Reproductive Tract and Its Effect on Human Sperm Capacitation. <i>Reproductive Biology and Endocrinology</i> . 2018 Jan 23; 16(8): 1-10. doi: 10.1186/s12958-018-0327-0. Open Access Article	Human
2018	Mínguez-Alarcón L, Gaskins AJ, Chiu YH, Messerlian C, Williams PL, Ford JB, Souter I, Hauser R, Chavarro JE. Type of Underwear Worn and Markers of Testicular Function Among Men Attending a Fertility Center. 2018 Sept; 33(9): 1749-1756. doi: https://doi.org/10.1093/humrep/dey259 .	Human
2018	Minguez-Alarcon L, Williams PL, Chiu YH, Gaskins AJ, Nassan FL, Dadd R, Petrozza J, Hauser R, Chavarro JE. Secular trends in semen parameters among men attending a fertility center between 2000 and 2017: Identifying potential predictors. <i>Enviroment International</i> . 2018 Oct 30: [1p.]. doi: https://doi.org/10.1016/j.envint.2018.10.052 .	Human

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2018	Nassan FL, Chavarro JE, Minguez-Alarcon L, Williams PL, Tanrikut C, Ford JB, Dadd R, Perry MJ, Hauser R, Gaskins AJ. Residential distance to major roadways and semen quality, sperm DNA integrity, chromosomal disomy, and serum reproductive hormones among men attending a fertility clinic. <i>International Journal of Hygiene and Environmental Health</i> . 2018 May 22: [1p.]. doi: https://doi.org/10.1016/j.ijheh.2018.05.007 .	Human
2018	Punjabi U, De Neubourg D, Van Mulders H, Cassauwers W, Peeters K. Validating Semen Processing for an Intrauterine Program Should Take Into Consideration the Inputs, Actions and the Outputs of the Process. <i>Andrologia</i> . 2018 Feb 2: [1p.]. doi:10.1111/and.12977.	Human
2018	Smarr MM, Kannan K, Sun L, Honda M, Wang W, Karthikraj R, Chen Z, Weck J, Louis GM. Preconception Seminal Plasma Concentrations of Endocrine Disrupting Chemicals in Relation to Semen Quality Parameters among Male Partners Planning for Pregnancy. 2018 July 4: [1p.]. doi: https://doi.org/10.1016/j.envres.2018.07.004 .	Human
2018	Wang X, Qian H, Huang X, Li J, Zhang J, Zhu N, Chen H, Zhu C, Wang J, Zhang P, Jin C, Ge H. UCP2 Mitigates the Loss of Human Spermatozoa Motility by Promoting mROS Elimination. <i>Cellular Physiology and Biochemistry</i> . 2018 Oct; 50(3): 952-962. doi: https://doi.org/10.1159/000494479 . Open Access Article	Human
2018	Wei C, Zhang Y, Li R, Wang S, Wang T, Liu J, Liu Z, Wang K, Liu J, Liu X. Terahertz Irradiation-Induced Motility Enhancement and Intracellular Calcium Elevation in Human Sperm In Vitro. <i>Biomedical Optics Express</i> . 2018 Sept 1;9(9): 1-10. doi: https://doi.org/10.1364/BOE.9.003998 . Open Access Article	Human
2017	An T, Wang YF, Liu JX, Pan YY, Liu YF, He ZC, Mo FF, Li J, Kang LH, Gu YJ, Lv BH, Gao SH, Jiang GJ. Comparative Analysis of Proteomes Between Diabetic and Normal Human Sperm: Insights into the Effects of Diabetes on Male Reproduction Based on the Regulation of Mitochondria-Related Proteins. <i>Molecular Reproduction & Development</i> . 2017 Nov 17: [1p.]. doi: 10.1002/mrd.22930.	Human
2017	Anawalt BD, Page ST. Approach to the Male with Infertility. <i>UpToDate</i> . 2017 Oct 31: [1p.].	Human
2017	Asadmobini A, Bakhtiari M, Khaleghi S, Esmaeili F, Mostafaei A. The effect of Tribulus terrestris extract on motility and viability of human sperms after cryopreservation. <i>Cryobiology</i> . 2017 Feb 17: [1p.]. doi: http://dx.doi.org/10.1016/j.cryobiol.2017.02.005 .	Human

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2017	Boumaza K, Loukil A, Aarizou K. Computer Aided Human Sperm Motility Detection. IEEE International Conference on Automatic Control. 2017 Dec: 1-5. Open Access Article	Human
2017	Eisenberg ML, Sapra KJ, Kim SD, Chen Z, Louis GMB. Semen quality and pregnancy loss in a contemporary cohort of couples recruited before conception: data from the Longitudinal Investigation of Fertility and the Environment (LIFE) Study. Fertility and Sterility. 2017 Aug 29: [1p.]. doi: http://dx.doi.org/10.1016/j.fertnstert.2017.07.008 .	Human
2017	Gatimel N, Moreau J, Parinaud J, Leandri RD. Sperm morphology: assessment, pathophysiology, clinical relevance, and state of the art in 2017. Andrology. 2017 July 10: [1p.]. doi: 10.1111/andr.12389.	Human
2017	Guo D, Li S, Behr B, Eisenberg ML. Hypertension and Male Fertility. World Journal of Men's Health. 2017 Aug; 35(2): 59-64.	Human
2017	Hu W, Dong T, Wang L, Guan Q, Song L, Chen D, Zhou Z, Chen M, Xia Y, Wang X. Obesity aggravates toxic effect of BPA on spermatogenesis. Environmental International. 2017 May 11; 105: 56-65. doi: https://doi.org/10.1016/j.envint.2017.04.014 .	Human
2017	Jallouk AP. Perfluorocarbon Nanoparticles as Delivery Vehicles for Melittin and Its Protease-Activated Derivatives. ProQuest Dissertations Publishing. 2017 May: 1-58.	Human
2017	Lee W, Choi JH, Ryu S, Jung D, Song J, Lee JS, Joo C. Color-coded LED Microscopy for Quantitative Phase Imaging: Implementation and Application to Sperm Motility Analysis. Methods. 2017 Nov 22: [1p.]. doi: https://doi.org/10.1016/j.ymeth.2017.11.010 .	Human
2017	Mannowetz N, Miller MR, Lishko PV. Regulation of the Sperm Calcium Channel CatSper by Endogenous Steroids and Plant Triterpenoids. PNAS. 2017 May 15:[1p.]. doi:10.1073/pnas.1700367114. Open Access Article	Human
2017	Matsubayashi H, Kitaya K, Yamaguchi K, Nishiyama R, Takaya Y, Ishikawa T. Is a high serum copper concentration a risk factor for implantation failure? BMC Research Notes. BMC Res Notes. 2017 July 29; 10:387. doi:10.1186/s13104-017-2708-4. Open Access Article	Human
2017	Nissen MS, Krause O, Almstrup K, Kjaerulff S, Nielsen TT, Nielsen M. Convolutional Neural Networks For Segmentation And Object Detection Of Human Semen. ARXIV. 2017 April 3: 1-9. Open Access Article	Human

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2013	Finkelstein M, Megnagi B, Ickowicz D, Breitbart H. Regulation of sperm motility by PIP(2(4,5)) and actin polymerization. <i>Dev Biol</i> . 2013 Jun 18. doi:pii: S0012-1606(13)00331-X. 10.1016/j.ydbio.2013.06.014. [Epub ahead of print] PubMed PMID: 23791551.	Human
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