



## CEROS PUBLICATIONS (by Human)

Date	Citation	Species
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: <a href="https://doi.org/10.1080/01480545.2021.1991755">https://doi.org/10.1080/01480545.2021.1991755</a> .	Human
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: <a href="https://doi.org/10.1016/j.ebiom.2021.103478">https://doi.org/10.1016/j.ebiom.2021.103478</a> . <a href="#">Open Access Article</a>	Human
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: <a href="https://doi.org/10.1016/j.fertnstert.2020.10.038">https://doi.org/10.1016/j.fertnstert.2020.10.038</a> .	Human
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: <a href="https://doi.org/10.1007/s10815-021-02160-x">https://doi.org/10.1007/s10815-021-02160-x</a> .	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: <a href="https://doi.org/10.1007/978-3-030-66292-9_26">https://doi.org/10.1007/978-3-030-66292-9_26</a> .	Human
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: <a href="https://doi.org/10.1016/j.ijheh.2021.113835">https://doi.org/10.1016/j.ijheh.2021.113835</a> .	Human

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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: <a href="https://doi.org/10.1007/s10815-021-02128-x">https://doi.org/10.1007/s10815-021-02128-x</a> . <a href="#">Open Access Article</a>	Human
2020	Alqawasmeh OA, Zhao M, Chan CPS, Leung MBW, Chow KC, Agarwal N, Mak JSM, Wang CC, Pang CP, Li TC, Chu WK, Chan DY. Green Tea Extract as a Cryoprotectant Additive to Preserve the Motility and DNA Integrity of Human Spermatozoa. <i>Asian J Androl</i> . 2020 Nov. 03; 22:1-7. doi: 10.4103/aja.aja_58_20. <a href="#">Open Access Article</a>	Human
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 <sup>2+</sup> 5 -Mobilising Stimuli. <i>Molecular Human Reproduction</i> . 2019 June 13: [1p.]. doi: <a href="https://doi.org/10.1093/molehr/gaz034">https://doi.org/10.1093/molehr/gaz034</a> . <a href="#">Open Access Article</a>	Human
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: <a href="https://doi.org/10.1016/j.envint.2019.105050">https://doi.org/10.1016/j.envint.2019.105050</a> . <a href="#">Open Access Article</a>	Human
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
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: <a href="https://doi.org/10.1093/molehr/gaz030">https://doi.org/10.1093/molehr/gaz030</a> .	Human
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: <a href="https://doi.org/10.1093/humrep/dez012">https://doi.org/10.1093/humrep/dez012</a> .	Human
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: <a href="https://doi.org/10.1111/and.13417">https://doi.org/10.1111/and.13417</a> .	Human

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2018	Achikanu C, Pendekanti V, Teague R, Publicover S. Effects of pH Manipulation, CatSper Stimulation and Ca <sup>2+</sup> -store Mobilization on [Ca <sup>2+</sup> ] <sub>i</sub> and Behaviour of Human Sperm. <i>Human Reproduction</i> . 2018 Sept 17; 33(10): 1802-1811. doi: <a href="https://doi.org/10.1093/humrep/dey280">https://doi.org/10.1093/humrep/dey280</a> .	Human
2018	Akçay 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: <a href="https://doi.org/10.1016/j.fertnstert.2018.07.958">https://doi.org/10.1016/j.fertnstert.2018.07.958</a> .	Human
2018	Bormann CL, Curchoe C. Optimization of sperm culture conditions for assisted reproductive technologies. <i>Fertility and Sterility</i> . 2018 Oct 10: 586. doi: <a href="https://doi.org/10.1016/j.fertnstert.2018.07.959">https://doi.org/10.1016/j.fertnstert.2018.07.959</a> .	Human
2018	Kelly MC, Brown SG, Costello SM, Ramalingam M, Drew E, Publicover SJ, Barratt C, Da Silva SM. Single-cell analysis of [Ca <sup>2+</sup> ] <sub>i</sub> 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. <a href="#">Open Access Article</a>	Human
2017	Boumaza K, Loukil A, Aarizou K. Computer Aided Human Sperm Motility Detection. <i>IEEE</i> . 2017 Dec: 1-5. <a href="#">Open Access Article</a>	Human
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	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. <a href="#">Open Access Article</a> .	Human
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: <a href="https://doi.org/10.1007/s00404-017-4451-4">https://doi.org/10.1007/s00404-017-4451-4</a> .	Human
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. <a href="#">Open Access Article</a>	Human
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. <a href="#">Open Access Article</a>	Human

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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	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: <a href="http://dx.doi.org/10.1016/j.fertnstert.2016.10.025">http://dx.doi.org/10.1016/j.fertnstert.2016.10.025</a> . <a href="#">Open Access Article</a>	Human
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: <a href="http://dx.doi.org/10.1016/j.urology.2016.11.022">http://dx.doi.org/10.1016/j.urology.2016.11.022</a> .	Human
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	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	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. <a href="#">PDF from Research Gate</a>	Human
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. <i>Hum Reprod</i> . 2014 Nov;29(11):2575-82. doi: 10.1093/humrep/deu212. Epub 2014 Aug 27. PubMed PMID: 25164027; PubMed Central PMCID: PMC4191451.	Human

<b>Date</b>	<b>Citation</b>	<b>Species</b>
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. <a href="#">Open Access Article</a>	Human
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. <a href="#">Open Access Article</a>	Human
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. <a href="#">Open Access Article</a>	Human
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
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
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	Mitra A, Richardson RT, O'Rand MG. Analysis of recombinant human semenogelin as an inhibitor of human sperm motility. <i>Biol Reprod.</i> 2010 Mar;82(3):489-96. Epub 2009 Nov 4. PubMed PMID: 19889947; PubMed Central PMCID: PMC2825168. <a href="#">Open Access Article</a>	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. <i>Fertil Steril.</i> 2010 Mar 1;93(4):1142-6. Epub 2008 Dec 23. PubMed PMID: 19108827.	Human

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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. <i>Reprod Biomed Online</i> . 2010 Jun;20(6):759-763. Epub 2010 Mar 6. PubMed PMID: 20378411.	Human
2010	Sripada S, Townend J, Campbell D, Murdoch L, Mathers E, Bhattacharya S. Relationship between semen parameters and spontaneous pregnancy. <i>Fertil Steril</i> . 2010 Jul;94(2):624-30. Epub 2009 Apr 9. PubMed PMID: 19361792.	Human
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
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. <a href="#">Open Access Article</a>	Human
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. <i>Syst Biol Reprod Med</i> . 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. <i>Urology</i> . 2009 Oct;74(4):789-93. Epub 2009 Jul 30. PubMed PMID: 19643462.	Human
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
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
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	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

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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. <a href="#">Open Access Article</a>	Human
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	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. <a href="#">Open Access Article</a>	Human
2005	Biljan MM, Tkalec DD, Lachgar H. Absence of diurnal variation in semen parameters in normospermic men. <i>Fertil Steril.</i> 2005 Feb;83(2):477-9. PubMed PMID: 15705398.	Human
2005	Moskovtsev SI, Willis J, Azad A, Mullen JB. Sperm DNA integrity: correlation with sperm plasma membrane integrity in semen evaluated for male infertility. <i>Arch Androl.</i> 2005 Jan-Feb;51(1):33-40. PubMed PMID: 15764415.	Human
2004	Moskovtsev S, Willis J, Azad A, Mullen B. Acrosome reaction after ionophore challenge: relationship to sperm DNA integrity, International Congress Series, Volume 1271, Research Papers in Fertility and Reproductive Medicine. Proceedings of the 18th World Congress on Fertility and Sterility (IFFS 2004), September 2004, Pages 197-199, ISSN 0531-5131, DOI: 10.1016/j.ics.2004.06.008.	Human
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