Lars BjÃ¶rndahl

List of Publications by Year
in descending order

56 papers	2,020 citations	304743 22 h-index	345221 36 g-index
71 all docs	71 docs citations	71 times ranked	2018 citing authors

#	Article	IF	Citations
1	The diagnosis of male infertility: an analysis of the evidence to support the development of global WHO guidanceâ€"challenges and future research opportunities. Human Reproduction Update, 2017, 23, 660-680.	10.8	320
2	Human sperm chromatin stabilization: a proposed model including zinc bridges. Molecular Human Reproduction, 2010, 16, 23-29.	2.8	155
3	Sperm proteome mapping of a patient who experienced failed fertilization at IVF reveals altered expression of at least 20 proteins compared with fertile donors: Case report. Human Reproduction, 2004, 19, 1438-1447.	0.9	141
4	â€˜How to count sperm properlyâ€™: checklist for acceptability of studies based on human semen analysis. Human Reproduction, 2016, 31, dev305.	0.9	120
5	Sequence of ejaculation affects the spermatozoon as a carrier and its message. Reproductive BioMedicine Online, 2003, 7, 440-448.	2.4	80
6	The sixth edition of the WHO Laboratory Manual for the Examination and Processing of Human Semen: ensuring quality and standardization in basic examination of human ejaculates. Fertility and Sterility, 2022, 117, 246-251.	1.0	77
7	Distribution of semen examination results 2020 â€“ A follow up of data collated for the WHO semen analysis manual 2010. Andrology, 2021, 9, 817-822.	3.5	65
8	What is normal semen quality? On the use and abuse of reference limits for the interpretation of semen analysis results. Human Fertility, 2011, 14, 179-186.	1.7	60
9	Zinc preserves an inherent capacity for human sperm chromatin decondensation. Acta Physiologica Scandinavica, 1985, 124, 195-200.	2.2	56
10	The usefulness and significance of assessing rapidly progressive spermatozoa. Asian Journal of Andrology, 2010, 12, 33-35.	1.6	52
11	What should it take to describe a substance or product as 'sperm-safe'. Human Reproduction Update, 2013, 19, i1-i45.	10.8	50
12	A model for the importance of zinc in the dynamics of human sperm chromatin stabilization after ejaculation in relation to sperm DNA vulnerability. Systems Biology in Reproductive Medicine, 2011, 57, 86-92.	2.1	49
13	Zinc in Sperm Chromatin and Chromatin Stability in Fertile Men and Men in Barren Unions. Scandinavian Journal of Urology and Nephrology, 1988, 22, 1-6.	1.4	43
14	SARSâ€CoVâ€2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. Andrology, 2021, 9, 10-18.	3.5	41
15	Protein tyrosine phosphorylation, hyperactivation and progesterone-induced acrosome reaction are enhanced in IVF media: an effect that is not associated with an increase in protein kinase A activation. Molecular Human Reproduction, 2005, 11, 523-529.	2.8	39
16	Loss of an intrinsic capacity for human sperm chromatin decondensation. Acta Physiologica Scandinavica, 1985, 124, 189-194.	2.2	35
17	Evaluation of a disposable plastic Neubauer counting chamber for semen analysis. Fertility and Sterility, 2009, 91, 627-631.	1.0	32
18	Nuclear zinc in human epididymal and ejaculated spermatozoa. Acta Physiologica Scandinavica, 1985, 125, 297-303.	2.2	29

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19	The human sperm nucleus takes up zinc at ejaculation. Journal of Developmental and Physical Disabilities, 1986, 9, 77-80.	3.6	29
20	Accuracy of sperm-cervical mucus penetration tests in evaluating sperm motility in semen: a systematic quantitative review. Human Reproduction, 2003, 18, 1037-1046.	0.9	29
21	Evolution of the WHO â€œSemenâ€•processing manual from the first (1980) to the sixth edition (2021). Fertility and Sterility, 2022, 117, 237-245.	1.0	24
22	Importance of zinc for human sperm headâ€tail connection. Acta Physiologica Scandinavica, 1982, 116, 51-55.	2.2	23
23	Structure of Chromatin in Spermatozoa. Advances in Experimental Medicine and Biology, 2014, 791, 1-11.	1.6	22
24	Evolving minimum standards in responsible international sperm donor offspring quota. Reproductive BioMedicine Online, 2015, 30, 568-580.	2.4	17
25	Assessment of Oligo-Chitosan Biocompatibility toward Human Spermatozoa. ACS Applied Materials & Interfaces, 2019, 11, 46572-46584.	8.0	12
26	A paradigmatic shift in the care of male factor infertility: how can the recommendations for basic semen examination in the sixth edition of the WHO manual and the ISO 23162:2021 standard help?. Reproductive BioMedicine Online, 2022, 45, 731-736.	2.4	11
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37	Reply: Development of a novel home sperm test â€“ What are the limitations?. Human Reproduction, 2006, 21, 3030-3031.	0.9	1
38	Sperm cryobanking. , 2010, , 189-218.		1
39	Extended semen analysis. , 2010, , 77-112.		1
40	Sperm function tests. , 2010, , 113-146.		1
41	Semen Analysis: Essentials for the Clinician. , 2010, , 379-388.		1
42	Basic semen analysis. , 2010, , 33-76.		0
43	Basic physiology. , 0, , 5-32.		0
44	Preparation of surgically retrieved spermatozoa. , 0, , 219-226.		0
45	Reproductive toxicology. , 2010, , 257-260.		0
46	Tests of spermâ€“cervical mucus interaction. , 2010, , 147-166.		0
47	The Semen Analysis: The Investigation of the Human Ejaculate. Endocrinology, 2017, , 535-554.	0.1	0
48	On the Indispensability for Standardization of the Basic Examination of Human Semen. , 2021, , 323-330.		0
49	Is Decreasing Sperm Concentrations a Sign of a General Decay in Fertility Potential?. , 2021, , 39-45.		0
50	Standard Semen Examination: Manual Semen Analysis. , 2021, , 6-10.		0
51	The Semen Analysis: The Investigation of the Human Ejaculate. Endocrinology, 2017, , 1-20.	0.1	0
52	Basic Semen Examination. , 2022, , 34-80.		0
53	Quality Management and Accreditation. , 2022, , 262-289.		0
54	Computer-Aided Sperm Analysis. , 2022, , 130-154.		0

#	Article	IF	Citations
55	Basic Physiology. , 2022, , 5-33.		0
56	Reproductive Toxicology. , 2022, , 303-306.		0