

Sarah Martins Da Silva Mbchb Dffp Mrc

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8416175/publications.pdf>

Version: 2024-02-01

36
papers

972
citations

471509
17
h-index

526287
27
g-index

37
all docs

37
docs citations

37
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of activin subunits and receptors in the developing human ovary: activin A promotes germ cell survival and proliferation before primordial follicle formation. <i>Developmental Biology</i> , 2004, 266, 334-345.	2.0	109
2	The clinical significance of calcium-signalling pathways mediating human sperm hyperactivation. <i>Human Reproduction</i> , 2013, 28, 866-876.	0.9	84
3	Germ Cell Proliferation and Apoptosis in the Developing Human Ovary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4664-4670.	3.6	80
4	Increased expression of the FIGLA transcription factor is associated with primordial follicle formation in the human fetal ovary. <i>Molecular Human Reproduction</i> , 2004, 10, 373-381.	2.8	73
5	Human sperm ion channel (dys)function: implications for fertilization. <i>Human Reproduction Update</i> , 2019, 25, 758-776.	10.8	68
6	Total levels, localization patterns, and proportions of sperm exhibiting phospholipase C zeta are significantly correlated with fertilization rates after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2015, 104, 561-568.e4.	1.0	67
7	Brain-derived neurotrophic factor promotes bovine oocyte cytoplasmic competence for embryo development. <i>Reproduction</i> , 2005, 129, 423-434.	2.6	64
8	Specific loss of CatSper function is sufficient to compromise fertilizing capacity of human spermatozoa. <i>Human Reproduction</i> , 2015, 30, dev243.	0.9	61
9	Depolarization of sperm membrane potential is a common feature of men with subfertility and is associated with low fertilization rate at IVF. <i>Human Reproduction</i> , 2016, 31, 1147-1157.	0.9	57
10	Clinically relevant enhancement of human sperm motility using compounds with reported phosphodiesterase inhibitor activity. <i>Human Reproduction</i> , 2014, 29, 2123-2135.	0.9	44
11	Homozygous in-frame deletion in <i>CATSPER</i> in a man producing spermatozoa with loss of CatSper function and compromised fertilizing capacity. <i>Human Reproduction</i> , 2018, 33, 1812-1816.	0.9	43
12	Differential expression and regulation by activin of the neurotrophins BDNF and NT4 during human and mouse ovarian development. <i>Developmental Dynamics</i> , 2010, 239, 1211-1219.	1.8	29
13	Single-cell analysis of $[Ca^{2+}]_i$ signalling in sub-fertile men: characteristics and relation to fertilization outcome. <i>Human Reproduction</i> , 2018, 33, 1023-1033.	0.9	25
14	Does advancing male age influence the expression levels and localisation patterns of phospholipase C zeta (PLC ζ) in human sperm?. <i>Scientific Reports</i> , 2016, 6, 27543.	3.3	22
15	Complex CatSper-dependent and independent $[Ca^{2+}]_i$ signalling in human spermatozoa induced by follicular fluid. <i>Human Reproduction</i> , 2017, 32, 1995-2006.	0.9	22
16	Novel pharmacological actions of trequinsin hydrochloride improve human sperm cell motility and function. <i>British Journal of Pharmacology</i> , 2019, 176, 4521-4536.	5.4	21
17	Drug discovery for male subfertility using high-throughput screening: a new approach to an unsolved problem. <i>Human Reproduction</i> , 2017, 32, 974-984.	0.9	19
18	Male infertility and antioxidants: one small step for man, no giant leap for andrology?. <i>Reproductive BioMedicine Online</i> , 2019, 39, 879-883.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Neurotrophin Signaling in Oocyte Survival and Developmental Competence: A Paradigm for Cellular Totipotency. Cloning and Stem Cells, 2004, 6, 375-385.	2.6	12
20	An update on the management of male infertility. The Obstetrician and Gynaecologist, 2020, 22, 267-274.	0.4	12
21	A randomised controlled trial to assess the clinical effectiveness and safety of the endometrial scratch procedure prior to first-time IVF, with or without ICSI. Human Reproduction, 2021, 36, 1841-1853.	0.9	10
22	Continuous behavioural "switching"™ in human spermatozoa and its regulation by Ca ²⁺ -mobilising stimuli. Molecular Human Reproduction, 2019, 25, 423-432.	2.8	9
23	L-carnitine and L-acetylcarnitine supplementation for idiopathic male infertility. Reproduction and Fertility, 2020, 1, 67-81.	1.8	8
24	A spontaneous increase in intracellular Ca ²⁺ in metaphase II human oocytes in vitro can be prevented by drugs targeting ATP-sensitive K ⁺ channels. Human Reproduction, 2015, 31, dev300.	0.9	6
25	Compounds enhancing human sperm motility identified using a high-throughput phenotypic screening platform. Human Reproduction, 2022, 37, 466-475.	0.9	6
26	Assisted reproductive technology, justice and autonomy in an era of COVID-19. Reproductive BioMedicine Online, 2021, 42, 287-290.	2.4	3
27	Fertility preservation provision in the NHS: a national assessment of care policies. Human Fertility, 2022, , 1-6.	1.7	2
28	Male Obesity "Impact on Semen Quality. , 2013, , 163-177.		1
29	Validation of a novel high throughput screening assay to assess calcium responses in human sperm. Fertility and Sterility, 2012, 98, S84-S85.	1.0	0
30	Screening new-generation phosphodiesterase inhibitors to identify novel therapeutics for male subfertility. Fertility and Sterility, 2013, 100, S440.	1.0	0
31	Molecular Basis of Slo Channel(S) Function in Sperm Revealed by Human Genetics. Biophysical Journal, 2015, 108, 280a.	0.5	0
32	Mission impossible? Improving ART outcome following unexplained total failed fertilisation. Fertility and Sterility, 2015, 104, e301-e302.	1.0	0
33	#ESHREjc live edition report: "the forgotten Y"™ advanced paternal age from a global health perspective. Human Reproduction, 2021, 37, 195-197.	0.9	0
34	High-throughput screening revealed a clinically relevant drug to induce sperm motility. Reproduction Abstracts, 0, , .	0.0	0
35	Detection of potassium channel defects in ICSI patients by patch clamp electrophysiology. Reproduction Abstracts, 0, , .	0.0	0
36	Artificial Egg Activation Using Calcium Ionophore. Seminars in Reproductive Medicine, 2022, , .	1.1	0