

Alexandra Amaral

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8308396/publications.pdf>

Version: 2024-02-01

20
papers

1,957
citations

623188

14
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

2418
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria functionality and sperm quality. <i>Reproduction</i> , 2013, 146, R163-R174.	1.1	403
2	Mitochondrial functionality in reproduction: from gonads and gametes to embryos and embryonic stem cells. <i>Human Reproduction Update</i> , 2009, 15, 553-572.	5.2	381
3	The combined human sperm proteome: cellular pathways and implications for basic and clinical science. <i>Human Reproduction Update</i> , 2014, 20, 40-62.	5.2	231
4	Human Sperm Tail Proteome Suggests New Endogenous Metabolic Pathways. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 330-342.	2.5	189
5	Identification of Proteins Involved in Human Sperm Motility Using High-Throughput Differential Proteomics. <i>Journal of Proteome Research</i> , 2014, 13, 5670-5684.	1.8	151
6	Not All Sperm Are Equal: Functional Mitochondria Characterize a Subpopulation of Human Sperm with Better Fertilization Potential. <i>PLoS ONE</i> , 2011, 6, e18112.	1.1	117
7	The expression of polymerase gamma and mitochondrial transcription factor A and the regulation of mitochondrial DNA content in mature human sperm. <i>Human Reproduction</i> , 2007, 22, 1585-1596.	0.4	116
8	High-throughput sperm differential proteomics suggests that epigenetic alterations contribute to failed assisted reproduction. <i>Human Reproduction</i> , 2014, 29, 1225-1237.	0.4	76
9	Assessment of mitochondrial potential: implications for the correct monitoring of human sperm function. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, e180-6.	3.6	55
10	Sperm nuclear proteome and its epigenetic potential. <i>Andrology</i> , 2014, 2, 326-338.	1.9	55
11	Genomic and proteomic dissection and characterization of the human sperm chromatin. <i>Molecular Human Reproduction</i> , 2014, 20, 1041-1053.	1.3	49
12	Identification of endogenous metabolites in human sperm cells using proton nuclear magnetic resonance (¹ H-NMR) spectroscopy and gas chromatography-mass spectrometry (GC-MS). <i>Andrology</i> , 2015, 3, 496-505.	1.9	48
13	Exogenous glucose improves long-standing human sperm motility, viability, and mitochondrial function. <i>Fertility and Sterility</i> , 2011, 96, 848-850.	0.5	31
14	Energy metabolism in mammalian sperm motility. <i>WIREs Mechanisms of Disease</i> , 2022, 14, .	1.5	21
15	RAC1 controls progressive movement and competitiveness of mammalian spermatozoa. <i>PLoS Genetics</i> , 2021, 17, e1009308.	1.5	9
16	Simultaneous analysis of cytoskeletal patterns and chromosome positioning in human fertilization failures. <i>Fertility and Sterility</i> , 2004, 82, 1654-1659.	0.5	8
17	Sperm mitochondria and fertilisation. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 399-416.	0.2	5
18	The future of testis research is turning 6! Six years of International Network for Young Researchers in Male Fertility. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 211-213.	3.6	4

#	ARTICLE	IF	CITATIONS
19	The Male Gamete Is Not a Somatic Cell—the Possible Meaning of Varying Sperm RNA Levels. Antioxidants and Redox Signaling, 2013, 18, 179-185.	2.5	4
20	The need of continuous focus on improved mentoring of trainees and young investigators in the field of andrology: highlights of current programs and opportunities for the future. Andrology, 2014, 2, 649-651.	1.9	2