

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

#	ARTICLE	IF	CITATIONS
19	Sperm mitochondria and fertilisation. Society of Reproduction and Fertility Supplement, 2007, 65, 399-416.	0.2	5
20	Simultaneous analysis of cytoskeletal patterns and chromosome positioning in human fertilization failures. Fertility and Sterility, 2004, 82, 1654-1659.	0.5	8