

# Rosália Sã;

## List of Publications by Year in descending order

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37  
papers

922  
citations

471509  
17  
h-index

477307  
29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Major regulatory mechanisms involved in sperm motility. Asian Journal of Andrology, 2017, 19, 5.	1.6	178
2	Ultrastructure of tubular smooth endoplasmic reticulum aggregates in human metaphase II oocytes and clinical implications. Fertility and Sterility, 2011, 96, 143-149.e7.	1.0	73
3	Leptin modulates human Sertoli cells acetate production and glycolytic profile: a novel mechanism of obesity-induced male infertility?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1824-1832.	3.8	69
4	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. Current Pharmaceutical Design, 2015, 21, 3606-3620.	1.9	60
5	DNA fragmentation in human sperm after magnetic-activated cell sorting. Journal of Assisted Reproduction and Genetics, 2015, 32, 147-154.	2.5	56
6	Physiology of Na <sup>+</sup> /H <sup>+</sup> Exchangers in the Male Reproductive Tract: Relevance for Male Fertility1. Biology of Reproduction, 2014, 91, 11.	2.7	37
7	Alternatively Spliced Protein Variants as Potential Therapeutic Targets for Male Infertility and Contraception. Annals of the New York Academy of Sciences, 2004, 1030, 468-478.	3.8	34
8	Molecular characterization of the cystic fibrosis transmembrane conductance regulator gene in congenital absence of the vas deferens. Genetics in Medicine, 2007, 9, 163-172.	2.4	29
9	Aquaporin-9 is expressed in rat Sertoli cells and interacts with the cystic fibrosis transmembrane conductance regulator. IUBMB Life, 2014, 66, 639-644.	3.4	28
10	Cytological and Expression Studies and Quantitative Analysis of the Temporal and Stage-Specific Effects of Follicle-Stimulating Hormone and Testosterone During Cocultures of the Normal Human Seminiferous Epithelium1. Biology of Reproduction, 2008, 79, 962-975.	2.7	25
11	Aquaporin-4 as a molecular partner of cystic fibrosis transmembrane conductance regulator in rat Sertoli cells. Biochemical and Biophysical Research Communications, 2014, 446, 1017-1021.	2.1	25
12	Impact of Metformin on Male Reproduction. Current Pharmaceutical Design, 2015, 21, 3621-3633.	1.9	25
13	Molecular Cytogenetics of Human Single Pronucleated Zygotes. Reproductive Sciences, 2014, 21, 1472-1482.	2.5	24
14	DAZ gene copies: evidence of Y chromosome evolution. Molecular Human Reproduction, 2006, 12, 519-523.	2.8	23
15	Estradiol modulates Na <sup>+</sup> -dependent HCO <sub>3</sub> <sup>-</sup> transporters altering intracellular pH and ion transport in human Sertoli cells: A role on male fertility?. Biology of the Cell, 2016, 108, 179-188.	2.0	23
16	Expression of stem cell markers: OCT4, KIT, ITGA6, and ITGB1 in the male germinal epithelium. Systems Biology in Reproductive Medicine, 2013, 59, 233-243.	2.1	19
17	Sperm DNA fragmentation is related to sperm morphological staining patterns. Reproductive BioMedicine Online, 2015, 31, 506-515.	2.4	18
18	CFTR Regulation of Aquaporin-Mediated Water Transport: A Target in Male Fertility. Current Drug Targets, 2015, 16, 993-1006.	2.1	18

#	ARTICLE	IF	CITATIONS
19	Immunohistochemical analysis of CFTR in normal and disrupted spermatogenesis. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 53-59.	2.1	17
20	Ultrastructural and cytogenetic analyses of mature human oocyte dysmorphisms with respect to clinical outcomes. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1041-1057.	2.5	17
21	The Role of ROS as a Double-Edged Sword in (In)Fertility: The Impact of Cancer Treatment. <i>Cancers</i> , 2022, 14, 1585.	3.7	16
22	Human testis-specific PDHA2 gene: Methylation status of a CpG island in the open reading frame correlates with transcriptional activity. <i>Molecular Genetics and Metabolism</i> , 2010, 99, 425-430.	1.1	11
23	Ultrastructural analysis of five patients with total sperm immotility. <i>Zygote</i> , 2015, 23, 900-907.	1.1	11
24	Estrogenic regulation of bicarbonate transporters from SLC4 family in rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 47-54.	3.1	11
25	Discordance between human sperm quality and telomere length following differential gradient separation/swim-up. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2581-2603.	2.5	11
26	Novel Drug Therapies for Fertility Preservation in Men Undergoing Chemotherapy: Clinical Relevance of Protector Agents. <i>Current Medicinal Chemistry</i> , 2015, 22, 3347-3369.	2.4	11
27	Structural and molecular analysis of the cancer prostate cell line PC3: Oocyte zona pellucida glycoproteins. <i>Tissue and Cell</i> , 2018, 55, 91-106.	2.2	9
28	Pyruvate dehydrogenase complex: mRNA and protein expression patterns of E1 $\alpha$ subunit genes in human spermatogenesis. <i>Gene</i> , 2012, 506, 173-178.	2.2	8
29	A stereological study on organelle distribution in human oocytes at prophase I. <i>Zygote</i> , 2016, 24, 346-354.	1.1	8
30	Use of antioxidant could ameliorate the negative impact of etoposide on human sperm DNA during chemotherapy. <i>Reproductive BioMedicine Online</i> , 2020, 40, 856-866.	2.4	7
31	Protective role of N-acetylcysteine (NAC) on human sperm exposed to etoposide. <i>Basic and Clinical Andrology</i> , 2019, 29, 3.	1.9	6
32	Quantitative Analysis of Cellular Proliferation and Differentiation of the Human Seminiferous Epithelium In Vitro. <i>Reproductive Sciences</i> , 2012, 19, 1063-1074.	2.5	4
33	Is Magnetic-Activated Cell Sorting an Efficient Technique in Reducing Human Sperm DNA Fragmentation?. <i>Microscopy and Microanalysis</i> , 2015, 21, 63-64.	0.4	4
34	Stereological study of organelle distribution in human oocytes at metaphase I. <i>Zygote</i> , 2020, 28, 308-317.	1.1	3
35	Spermatid Injection: Current Status. , 0, , 493-505.		2
36	New ultrastructural observations of human oocyte smooth endoplasmic reticulum tubular aggregates and cortical reaction: update on the molecular mechanisms involved. <i>Revista Internacional De Andrologia</i> , 2016, 14, 113-122.	0.3	2

#	ARTICLE	IF	CITATIONS
37	The Use of Spermatogonial Stem Cells In Cancer-Induced Infertility. International Journal of Stem Cell Research and Transplantation, 0, , 1-2.	0.0	0