

Ana D Martins

List of Publications by Year in descending order

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41
papers

1,478
citations

304368

22
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	Exenatide and Dapagliflozin Combination Enhances Sertoli Cell Secretion of Key Metabolites for Spermatogenesis. <i>Biomedicines</i> , 2022, 10, 1115.	1.4	4
2	Protein Fingerprinting of Seminal Plasma Reveals Dysregulation of Exosome-Associated Proteins in Infertile Men with Unilateral Varicocele. <i>World Journal of Men's Health</i> , 2021, 39, 324.	1.7	25
3	Effect of Leptin in Human Sertoli Cells Mitochondrial Physiology. <i>Reproductive Sciences</i> , 2021, 28, 920-931.	1.1	4
4	Obesity-related genes are expressed in human Sertoli cells and modulated by energy homeostasis regulating hormones. <i>Journal of Cellular Physiology</i> , 2021, 236, 5265-5277.	2.0	6
5	Caloric restriction alters the hormonal profile and testicular metabolome, resulting in alterations of sperm head morphology. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E33-E43.	1.8	12
6	Alterations in seminal plasma proteomic profile in men with primary and secondary infertility. <i>Scientific Reports</i> , 2020, 10, 7539.	1.6	20
7	Alterations of Spermatozoa Proteomic Profile in Men with Hodgkin's Disease Prior to Cancer Therapy. <i>World Journal of Men's Health</i> , 2020, 38, 521.	1.7	7
8	Assessment of Sertoli Cell Proliferation by 3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide and Sulforhodamine B Assays. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2019, 81, e85.	1.1	3
9	Presence of Round Cells Proteins do not Interfere with Identification of Human Sperm Proteins from Frozen Semen Samples by LC-MS/MS. <i>International Journal of Molecular Sciences</i> , 2019, 20, 314.	1.8	10
10	Oxidation reduction potential: a new biomarker of male infertility. <i>Panminerva Medica</i> , 2019, 61, 108-117.	0.2	13
11	Round cells do not contaminate or mask human sperm proteome in proteomic studies using cryopreserved samples. <i>Andrologia</i> , 2019, 51, e13325.	1.0	2
12	Metabolic Syndrome and Male Fertility. <i>World Journal of Men's Health</i> , 2019, 37, 113.	1.7	61
13	Molecular Pathways Associated with Sperm Biofunction Are Not Affected by the Presence of Round Cell and Leukocyte Proteins in Human Sperm Proteome. <i>Journal of Proteome Research</i> , 2019, 18, 1191-1197.	1.8	9
14	Metabolic dynamics of human Sertoli cells are differentially modulated by physiological and pharmacological concentrations of GLP-1. <i>Toxicology and Applied Pharmacology</i> , 2019, 362, 1-8.	1.3	23
15	Estradiol modulates Na ⁺ -dependent HCO ₃ ⁻ transporters altering intracellular pH and ion transport in human Sertoli cells: A role on male fertility?. <i>Biology of the Cell</i> , 2016, 108, 179-188.	0.7	23
16	Ghrelin acts as energy status sensor of male reproduction by modulating Sertoli cells glycolytic metabolism and mitochondrial bioenergetics. <i>Molecular and Cellular Endocrinology</i> , 2016, 434, 199-209.	1.6	35
17	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , 2016, 83, 208-216.	1.0	14
18	Metabolic fingerprints in testicular biopsies from type 1 diabetic patients. <i>Cell and Tissue Research</i> , 2015, 362, 431-440.	1.5	20

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19	White tea consumption improves cardiac glycolytic and oxidative profile of prediabetic rats. <i>Journal of Functional Foods</i> , 2015, 14, 102-110.	1.6	32
20	White tea consumption restores sperm quality in prediabetic rats preventing testicular oxidative damage. <i>Reproductive BioMedicine Online</i> , 2015, 31, 544-556.	1.1	66
21	Estrogenic regulation of bicarbonate transporters from SLC4 family in rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 47-54.	1.4	11
22	Leptin modulates human Sertoli cells acetate production and glycolytic profile: a novel mechanism of obesity-induced male infertility?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1824-1832.	1.8	69
23	Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: Relevance for male fertility. <i>Toxicology</i> , 2015, 328, 12-20.	2.0	70
24	The Warburg Effect Revisited—Lesson from the Sertoli Cell. <i>Medicinal Research Reviews</i> , 2015, 35, 126-151.	5.0	137
25	Melatonin and Male Reproductive Health: Relevance of Darkness and Antioxidant Properties. <i>Current Molecular Medicine</i> , 2015, 15, 299-311.	0.6	35
26	Aquaporin-9 is expressed in rat Sertoli cells and interacts with the cystic fibrosis transmembrane conductance regulator. <i>IUBMB Life</i> , 2014, 66, 639-644.	1.5	28
27	Physiology of Na ⁺ /H ⁺ Exchangers in the Male Reproductive Tract: Relevance for Male Fertility1. <i>Biology of Reproduction</i> , 2014, 91, 11.	1.2	37
28	Effect of white tea (<i>Camellia sinensis</i> (L.)) extract in the glycolytic profile of Sertoli cell. <i>European Journal of Nutrition</i> , 2014, 53, 1383-1391.	1.8	27
29	Aquaporin-4 as a molecular partner of cystic fibrosis transmembrane conductance regulator in rat Sertoli cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1017-1021.	1.0	25
30	Metformin and male reproduction: effects on Sertoli cell metabolism. <i>British Journal of Pharmacology</i> , 2014, 171, 1033-1042.	2.7	72
31	Expression pattern of G protein-coupled receptor 30 in human seminiferous tubular cells. <i>General and Comparative Endocrinology</i> , 2014, 201, 16-20.	0.8	21
32	Melatonin alters the glycolytic profile of Sertoli cells: implications for male fertility. <i>Molecular Human Reproduction</i> , 2014, 20, 1067-1076.	1.3	70
33	Glucose Transport and Metabolism in Sertoli Cell: Relevance for Male Fertility. <i>Current Chemical Biology</i> , 2014, 7, 282-293.	0.2	20
34	Control of Sertoli cell metabolism by sex steroid hormones is mediated through modulation in glycolysis-related transporters and enzymes. <i>Cell and Tissue Research</i> , 2013, 354, 861-868.	1.5	52
35	Effect of Prediabetes on Membrane Bicarbonate Transporters in Testis and Epididymis. <i>Journal of Membrane Biology</i> , 2013, 246, 877-883.	1.0	18
36	Molecular mechanisms beyond glucose transport in diabetes-related male infertility. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 626-635.	1.8	185

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37	Regulation of apoptotic signaling pathways by 5 α -dihydrotestosterone and 17 β -estradiol in immature rat Sertoli cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 135, 15-23.	1.2	41
38	Insulin Deprivation Decreases Caspase-Dependent Apoptotic Signaling in Cultured Rat Sertoli Cells. <i>ISRN Urology</i> , 2013, 2013, 1-8.	1.5	26
39	Diabetes, insulin-mediated glucose metabolism and Sertoli/blood-testis barrier function. <i>Tissue Barriers</i> , 2013, 1, e23992.	1.6	119
40	Molecular Basis of Bicarbonate Membrane Transport in the Male Reproductive Tract. <i>Current Medicinal Chemistry</i> , 2013, 20, 4037-4049.	1.2	26
41	Effect of 17[beta]-estradiol on germ cell apoptosis by modulating the expression of SCF/c-kit, FasL/FasR and regucalcin. <i>Endocrine Abstracts</i> , 0, , .	0.0	0