

Joao Ramalho-Santos

List of Publications by Year in descending order

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174
papers

8,375
citations

61945

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49868

87
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181
all docs

181
docs citations

181
times ranked

10073
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Metabolism in Human Pluripotent Stem Cells and Their Differentiated Counterparts. PLoS ONE, 2011, 6, e20914.	1.1	574
2	Ubiquitin tag for sperm mitochondria. Nature, 1999, 402, 371-372.	13.7	558
3	Chd1 regulates open chromatin and pluripotency of embryonic stem cells. Nature, 2009, 460, 863-868.	13.7	449
4	Mitochondria functionality and sperm quality. Reproduction, 2013, 146, R163-R174.	1.1	403
5	Mitochondrial functionality in reproduction: from gonads and gametes to embryos and embryonic stem cells. Human Reproduction Update, 2009, 15, 553-572.	5.2	381
6	Ubiquitinated Sperm Mitochondria, Selective Proteolysis, and the Regulation of Mitochondrial Inheritance in Mammalian Embryos ¹ . Biology of Reproduction, 2000, 63, 582-590.	1.2	365
7	Diabetes and the Impairment of Reproductive Function: Possible Role of Mitochondria and Reactive Oxygen Species. Current Diabetes Reviews, 2008, 4, 46-54.	0.6	276
8	The combined human sperm proteome: cellular pathways and implications for basic and clinical science. Human Reproduction Update, 2014, 20, 40-62.	5.2	231
9	Unique checkpoints during the first cell cycle of fertilization after intracytoplasmic sperm injection in rhesus monkeys. Nature Medicine, 1999, 5, 431-433.	15.2	221
10	The Expression of Mitochondrial DNA Transcription Factors during Early Cardiomyocyte In Vitro Differentiation from Human Embryonic Stem Cells. Cloning and Stem Cells, 2005, 7, 141-153.	2.6	216
11	Human Sperm Tail Proteome Suggests New Endogenous Metabolic Pathways. Molecular and Cellular Proteomics, 2013, 12, 330-342.	2.5	189
12	Parabens in male infertility—Is there a mitochondrial connection?. Reproductive Toxicology, 2009, 27, 1-7.	1.3	155
13	Identification of Proteins Involved in Human Sperm Motility Using High-Throughput Differential Proteomics. Journal of Proteome Research, 2014, 13, 5670-5684.	1.8	151
14	Enhancement of human embryonic stem cell pluripotency through inhibition of the mitochondrial respiratory chain. Stem Cell Research, 2009, 3, 142-156.	0.3	150
15	Ubiquitination of Prohibitin in Mammalian Sperm Mitochondria: Possible Roles in the Regulation of Mitochondrial Inheritance and Sperm Quality Control ¹ . Biology of Reproduction, 2003, 69, 254-260.	1.2	148
16	Effects of hyperglycemia on sperm and testicular cells of Goto-Kakizaki and streptozotocin-treated rat models for diabetes. Theriogenology, 2006, 66, 2056-2067.	0.9	145
17	Ca ²⁺ Signals Generated by CatSper and Ca ²⁺ Stores Regulate Different Behaviors in Human Sperm*. Journal of Biological Chemistry, 2013, 288, 6248-6258.	1.6	134
18	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

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19	Foreign DNA transmission by ICSI: injection of spermatozoa bound with exogenous DNA results in embryonic GFP expression and live Rhesus monkey births. <i>Molecular Human Reproduction</i> , 2000, 6, 26-33.	1.3	116
20	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
21	SNAREs in Mammalian Sperm: Possible Implications for Fertilization. <i>Developmental Biology</i> , 2000, 223, 54-69.	0.9	115
22	In Vitro Surfactant Structure-Toxicity Relationships: Implications for Surfactant Use in Sexually Transmitted Infection Prophylaxis and Contraception. <i>PLoS ONE</i> , 2011, 6, e19850.	1.1	109
23	Preferentially localized dynein and perinuclear dynactin associate with nuclear pore complex proteins to mediate genomic union during mammalian fertilization. <i>Journal of Cell Science</i> , 2003, 116, 4727-4738.	1.2	103
24	Control of Membrane Fusion During Spermiogenesis and the Acrosome Reaction1. <i>Biology of Reproduction</i> , 2002, 67, 1043-1051.	1.2	94
25	Membrane Trafficking Machinery Components Associated with the Mammalian Acrosome during Spermiogenesis. <i>Experimental Cell Research</i> , 2001, 267, 45-60.	1.2	89
26	The Golgi Apparatus Segregates from the Lysosomal/Acrosomal Vesicle during Rhesus Spermiogenesis: Structural Alterations. <i>Developmental Biology</i> , 2000, 219, 334-349.	0.9	76
27	p,pâ€²-DDE activates CatSper and compromises human sperm function at environmentally relevant concentrations. <i>Human Reproduction</i> , 2013, 28, 3167-3177.	0.4	74
28	Nucleolin overexpression in breast cancer cell sub-populations with different stem-like phenotype enables targeted intracellular delivery of synergistic drug combination. <i>Biomaterials</i> , 2015, 69, 76-88.	5.7	73
29	A common mechanism for influenza virus fusion activity and inactivation. <i>Biochemistry</i> , 1993, 32, 2771-2779.	1.2	70
30	Cytotoxic potential of decidual NK cells and CD8+ T cells awakened by infections. <i>Journal of Reproductive Immunology</i> , 2017, 119, 85-90.	0.8	70
31	Inhibition of Mitochondrial Complex III Blocks Neuronal Differentiation and Maintains Embryonic Stem Cell Pluripotency. <i>PLoS ONE</i> , 2013, 8, e82095.	1.1	67
32	Aberrant Nucleo-cytoplasmic Cross-Talk Results in Donor Cell mtDNA Persistence in Cloned Embryos. <i>Genetics</i> , 2006, 172, 2515-2527.	1.2	61
33	The non-genomic effects of endocrine-disrupting chemicals on mammalian sperm. <i>Reproduction</i> , 2016, 151, R1-R13.	1.1	59
34	Freeze-dried primate sperm retains early reproductive potential after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2008, 89, 742-745.	0.5	56
35	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
36	Characterization of human sperm populations using conventional parameters, surface ubiquitination, and apoptotic markers. <i>Fertility and Sterility</i> , 2007, 87, 572-583.	0.5	54

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37	Mitochondria and mammalian reproduction. <i>Molecular and Cellular Endocrinology</i> , 2013, 379, 74-84.	1.6	53
38	Metabolic and Mechanical Cues Regulating Pluripotent Stem Cell Fate. <i>Trends in Cell Biology</i> , 2018, 28, 1014-1029.	3.6	52
39	Sperm selection in assisted reproduction: A review of established methods and cutting-edge possibilities. <i>Biotechnology Advances</i> , 2020, 40, 107498.	6.0	52
40	Surfactants as Microbicides and Contraceptive Agents: A Systematic In Vitro Study. <i>PLoS ONE</i> , 2008, 3, e2913.	1.1	52
41	Golgi Apparatus Dynamics During Mouse Oocyte In Vitro Maturation: Effect of the Membrane Trafficking Inhibitor Brefeldin A1. <i>Biology of Reproduction</i> , 2002, 66, 1259-1266.	1.2	51
42	The Analysis of Mitochondria and Mitochondrial DNA in Human Embryonic Stem Cells. , 2006, 331, 347-374.		49
43	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
44	Metabolic Remodeling During H9c2 Myoblast Differentiation: Relevance for In Vitro Toxicity Studies. <i>Cardiovascular Toxicology</i> , 2011, 11, 180-190.	1.1	47
45	On-stage selection of single round spermatids using a vital, mitochondrion-specific fluorescent probe MitoTracker [®] and high resolution differential interference contrast microscopy. <i>Human Reproduction</i> , 1999, 14, 2301-2312.	0.4	45
46	Seasonal functional relevance of sperm characteristics in equine spermatozoa. <i>Theriogenology</i> , 2010, 73, 950-958.	0.9	43
47	Testicular mitochondrial alterations in untreated streptozotocin-induced diabetic rats. <i>Mitochondrion</i> , 2009, 9, 41-50.	1.6	41
48	SNARE proteins and caveolin-1 in stallion spermatozoa: possible implications for fertility. <i>Theriogenology</i> , 2005, 64, 275-291.	0.9	39
49	The quantification of lipid and protein oxidation in stallion spermatozoa and seminal plasma: Seasonal distinctions and correlations with DNA strand breaks, classical seminal parameters and stallion fertility. <i>Animal Reproduction Science</i> , 2008, 106, 36-47.	0.5	39
50	Target cell membrane sialic acid modulates both binding and fusion activity of influenza virus. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1236, 323-330.	1.4	36
51	TransgenICSI reviewed: Foreign DNA transmission by intracytoplasmic sperm injection in rhesus monkey. <i>Molecular Reproduction and Development</i> , 2000, 56, 325-328.	1.0	35
52	Dichloroacetate, the Pyruvate Dehydrogenase Complex and the Modulation of mESC Pluripotency. <i>PLoS ONE</i> , 2015, 10, e0131663.	1.1	35
53	Interactions of Influenza Virus with Cultured Cells: Detailed Kinetic Modeling of Binding and Endocytosis. <i>Biochemistry</i> , 1999, 38, 1095-1101.	1.2	32
54	Comparison between different markers for sperm quality in the cat: Diff-Quik as a simple optical technique to assess changes in the DNA of feline epididymal sperm. <i>Theriogenology</i> , 2006, 65, 1360-1375.	0.9	32

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55	Geography of Follicle Formation in the Embryonic Mouse Ovary Impacts Activation Pattern During the First Wave of Folliculogenesis1. <i>Biology of Reproduction</i> , 2015, 93, 88.	1.2	32
56	Sirtuins in metabolism, stemness and differentiation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3444-3455.	1.1	32
57	Testicular aging involves mitochondrial dysfunction as well as an increase in UCP2 levels and proton leak. <i>FEBS Letters</i> , 2008, 582, 4191-4196.	1.3	31
58	Dual use of Diff-Quik-like stains for the simultaneous evaluation of human sperm morphology and chromatin status. <i>Human Reproduction</i> , 2008, 24, 28-36.	0.4	31
59	Exogenous glucose improves long-standing human sperm motility, viability, and mitochondrial function. <i>Fertility and Sterility</i> , 2011, 96, 848-850.	0.5	31
60	The influenza virus hemagglutinin: a model protein in the study of membrane fusion. <i>BBA - Biomembranes</i> , 1998, 1376, 147-154.	7.9	29
61	UVB irradiation as a tool to assess ROS-induced damage in human spermatozoa. <i>Andrology</i> , 2013, 1, 707-714.	1.9	28
62	WAVE1, an A-kinase anchoring protein, during mammalian spermatogenesis. <i>Human Reproduction</i> , 2004, 19, 2594-2604.	0.4	27
63	The mTOR pathway in reproduction: from gonadal function to developmental coordination. <i>Reproduction</i> , 2020, 159, R173-R188.	1.1	27
64	Fluorescent probes for monitoring virus fusion kinetics: comparative evaluation of reliability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1561, 65-75.	1.4	26
65	From gametogenesis and stem cells to cancer: common metabolic themes. <i>Human Reproduction Update</i> , 2014, 20, 924-943.	5.2	26
66	Insights from qualitative research on NAFLD awareness with a cohort of T2DM patients: time to go public with insulin resistance?. <i>BMC Public Health</i> , 2020, 20, 1142.	1.2	25
67	Aging and male reproductive function A mitochondrial perspective. <i>Frontiers in Bioscience - Scholar</i> , 2013, S5, 181-197.	0.8	25
68	Kinetic modeling of Sendai virus fusion with PC-12 cells. Effect of pH and temperature on fusion and viral inactivation. <i>FEBS Journal</i> , 1992, 205, 181-186.	0.2	24
69	Aging, Mitochondria and Male Reproductive Function. <i>Current Aging Science</i> , 2009, 2, 165-173.	0.4	24
70	Flow cytometry evaluation of lead and cadmium effects on mouse spermatogenesis. <i>Reproductive Toxicology</i> , 2006, 22, 529-535.	1.3	23
71	Effects of different storage protocols on cat testis tissue potential for xenografting and recovery of spermatogenesis. <i>Theriogenology</i> , 2012, 77, 299-310.	0.9	23
72	High glucose concentrations per se do not adversely affect human sperm function in vitro. <i>Reproduction</i> , 2015, 150, 77-84.	1.1	23

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73	Targeting and fusion proteins during mammalian spermiogenesis. <i>Biological Research</i> , 2001, 34, 147-52.	1.5	23
74	Differential effects of p,p'-DDE on testis and liver mitochondria: Implications for reproductive toxicology. <i>Reproductive Toxicology</i> , 2011, 31, 80-85.	1.3	22
75	Histopathological Effects of Hexavalent Chromium in Mouse Kidney. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 977-983.	1.3	21
76	Antidiabetic therapies and male reproductive function: where do we stand?. <i>Reproduction</i> , 2018, 155, R13-R37.	1.1	21
77	Antioxidant Versus Pro-Apoptotic Effects of Mushroom-Enriched Diets on Mitochondria in Liver Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3987.	1.8	21
78	Mitochondrial Functionality and Chemical Compound Action on Sperm Function. <i>Current Medicinal Chemistry</i> , 2016, 23, 3575-3606.	1.2	21
79	Fluorescent probes for the detection of reactive oxygen species in human spermatozoa. <i>Asian Journal of Andrology</i> , 2020, 22, 465.	0.8	21
80	Concentration-dependent Sildenafil citrate (Viagra) effects on ROS production, energy status, and human sperm function. <i>Systems Biology in Reproductive Medicine</i> , 2014, 60, 72-79.	1.0	19
81	Differentiate or Die: 3-Bromopyruvate and Pluripotency in Mouse Embryonic Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0135617.	1.1	19
82	High glucose levels affect spermatogenesis: an in vitro approach. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1369.	0.1	19
83	Pluri-IQ: Quantification of Embryonic Stem Cell Pluripotency through an Image-Based Analysis Software. <i>Stem Cell Reports</i> , 2017, 9, 697-709.	2.3	19
84	LIS1 association with dynactin is required for nuclear motility and genomic union in the fertilized mammalian oocyte. <i>Cytoskeleton</i> , 2003, 56, 245-251.	4.4	18
85	Seminal traits, suitability for semen preservation and fertility in the native Portuguese horse breeds Puro Sangue Lusitano and Sorraia: Implications for stallion classification and assisted reproduction. <i>Animal Reproduction Science</i> , 2009, 113, 102-113.	0.5	18
86	Evaluation of human sperm chromatin status after selection using a modified Diff-Quik stain indicates embryo quality and pregnancy outcomes following in vitro fertilization. <i>Andrology</i> , 2013, 1, 830-837.	1.9	18
87	Different concentrations of kaempferol distinctly modulate murine embryonic stem cell function. <i>Food and Chemical Toxicology</i> , 2016, 87, 148-156.	1.8	18
88	A sperm's tail: the importance of getting it right. <i>Human Reproduction</i> , 2011, 26, 2590-2591.	0.4	17
89	Low amounts of mitochondrial reactive oxygen species define human sperm quality. <i>Reproduction</i> , 2014, 147, 817-824.	1.1	17
90	In vitro exposure to the organochlorine p,p'-DDE affects functional human sperm parameters. <i>Chemosphere</i> , 2015, 120, 443-446.	4.2	17

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91	Effect of lead chloride on spermatogenesis and sperm parameters in mice. Asian Journal of Andrology, 2004, 6, 237-41.	0.8	17
92	Mitochondrial Mechanisms of Metabolic Reprogramming in Proliferating Cells. Current Medicinal Chemistry, 2015, 22, 2493-2504.	1.2	15
93	The use of comics to promote health awareness: a template using non-alcoholic fatty liver disease. European Journal of Clinical Investigation, 2021, , e13642.	1.7	15
94	The impact of antisperm antibodies on human male reproductive function: an update. Reproduction, 2021, 162, R55-R71.	1.1	15
95	Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats. Environmental Pollution, 2013, 180, 281-290.	3.7	14
96	Can Antidiabetic Drugs Improve Male Reproductive (Dys)Function Associated with Diabetes?. Current Medicinal Chemistry, 2019, 26, 4191-4222.	1.2	14
97	Metabolic characterization of a paused-like pluripotent state. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129612.	1.1	14
98	Fusion and Infection of Influenza and Sendai Viruses as Modulated by Dextran Sulfate: A Comparative Study. Bioscience Reports, 2001, 21, 293-304.	1.1	13
99	Relation of cumulus cell status with single oocyte maturity, fertilization capability and patient age. Journal of Reproduction and Infertility, 2014, 15, 15-21.	1.0	13
100	Parameters affecting fusion between liposomes and synaptosomes. Role of proteins, lipid peroxidation, pH and temperature. Journal of Membrane Biology, 1994, 142, 217-22.	1.0	12
101	Partial Fusion Activity of Influenza Virus toward Liposomes and Erythrocyte Ghosts Is Distinct from Viral Inactivation. Journal of Biological Chemistry, 1996, 271, 23902-23906.	1.6	12
102	PRESENCE OF N-ETHYL MALEIMIDE SENSITIVE FACTOR (NSF) ON THE ACROSOME OF MAMMALIAN SPERM. Archives of Andrology, 2004, 50, 163-168.	1.0	12
103	Mitochondrial bioenergetics of testicular cells from the domestic cat (Felis catus) – A model for endangered species. Reproductive Toxicology, 2009, 27, 111-116.	1.3	12
104	Can we induce spermatogenesis in the domestic cat using an in vitro tissue culture approach?. PLoS ONE, 2018, 13, e0191912.	1.1	12
105	Aging-related mitochondrial alterations in bovine oocytes. Theriogenology, 2020, 157, 218-225.	0.9	12
106	Acute effects of TCDD administration: special emphasis on testicular and sperm mitochondrial function. Asian Pacific Journal of Reproduction, 2012, 1, 269-276.	0.2	10
107	How can ethics relate to science? The case of stem cell research. European Journal of Human Genetics, 2013, 21, 591-595.	1.4	10
108	Does supplementation with mitochondria improve oocyte competence? A systematic review. Reproduction, 2021, 161, 269-287.	1.1	10

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109	Mitochondria-Targeted Compounds to Assess and Improve Human Sperm Function. Antioxidants and Redox Signaling, 2022, 37, 451-480.	2.5	10
110	Interaction of clathrin with large unilamellar phospholipid vesicles at neutral pH. Lipid dependence and protein penetration. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1106, 209-215.	1.4	9
111	In vitro effects of cationic compounds on functional human sperm parameters. Fertility and Sterility, 2013, 99, 705-712.	0.5	9
112	Role of hydrophobic interactions in the fusion activity of influenza and sendai viruses towards model membranes. Bioscience Reports, 1994, 14, 15-24.	1.1	8
113	Simultaneous analysis of cytoskeletal patterns and chromosome positioning in human fertilization failures. Fertility and Sterility, 2004, 82, 1654-1659.	0.5	8
114	LOCALIZATION OF SNARES, NSF AND CAVEOLIN 1 IN HUMAN SPERMATOZOA: RELATIONSHIP WITH SEMINAL PARAMETERS. Archives of Andrology, 2006, 52, 347-353.	1.0	8
115	Using Data Mining to Assist in Predicting Reproductive Outcomes Following Varicocele Embolization. Journal of Clinical Medicine, 2021, 10, 3503.	1.0	8
116	Evidence That Synaptobrevin Is Involved in Fusion between Synaptic Vesicles and Synaptic Plasma Membrane Vesicles. Biochemical and Biophysical Research Communications, 1997, 236, 184-188.	1.0	7
117	VAMP/synaptobrevin as an acrosomal marker for human sperm. Fertility and Sterility, 2002, 77, 159-161.	0.5	7
118	Spermicides, Microbicides and Antiviral Agents: Recent Advances in the Development of Novel Multi-Functional Compounds. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1556-1567.	1.1	7
119	I Want More and Better Cells! " An Outreach Project about Stem Cells and Its Impact on the General Population. PLoS ONE, 2015, 10, e0133753.	1.1	7
120	Sendai Virus Fusion Activity as Modulated by Target Membrane Components. Bioscience Reports, 1998, 18, 59-68.	1.1	6
121	Proton leak modulation in testicular mitochondria affects reactive oxygen species production and lipid peroxidation. Cell Biochemistry and Function, 2010, 28, 224-231.	1.4	6
122	Human procreation in uncharted territory: new twists in ethical discussions. Human Reproduction, 2011, 26, 1284-1287.	0.4	6
123	Spermatogonial stem cell organization in felid testis as revealed by Dolichos biflorus lectin. Andrology, 2016, 4, 1159-1168.	1.9	6
124	Mitochondrial Dysfunction in Reproductive and Developmental Toxicity. , 2017, , 1023-1035.		6
125	Differential Oxygen Exposure Modulates Mesenchymal Stem Cell Metabolism and Proliferation through mTOR Signaling. International Journal of Molecular Sciences, 2022, 23, 3749.	1.8	6
126	Stem metabolism: Insights from oncometabolism and vice versa. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165760.	1.8	5

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127	The role of sperm and oocyte in fetal programming: Is Lamarck making a comeback?. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13521.	1.7	5
128	The role of target membrane sialic acid residues in the fusion activity of the influenza virus: the effect of two types of ganglioside on the kinetics of membrane merging. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 337-51.	2.7	5
129	Acrosome components after intracytoplasmic sperm injection: the decondensation frontier. <i>Fertility and Sterility</i> , 2001, 76, 196-197.	0.5	4
130	Level of Glycolyzable Substrates in Stallion Semen: Effect of Ejaculation Frequency on Sperm Survival after Cool Storage during the Nonbreeding Season. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 109-115.	0.4	4
131	The Male Gamete Is Not a Somatic Cell—the Possible Meaning of Varying Sperm RNA Levels. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 179-185.	2.5	4
132	Data on the potential impact of food supplements on the growth of mouse embryonic stem cells. <i>Data in Brief</i> , 2016, 7, 1190-1195.	0.5	4
133	A Healthy Liver Will Always Deliver!. , 2020, , .		4
134	Spatiotemporal dynamics of SIRT 1, 2 and 3 during in vitro maturation of bovine oocytes. <i>Theriogenology</i> , 2022, 186, 60-69.	0.9	4
135	Xenografting as a Tool to Preserve Endangered Species: Outcomes and Challenges in Model Systems. <i>Veterinary Medicine International</i> , 2011, 2011, 1-7.	0.6	3
136	Anterior positioning of sex chromosomes on the head of human sperm sorted using visible wavelengths. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 223-226.	1.0	3
137	Free Radical Biology and Reproductive Health in Diabetes. , 2014, , 2789-2813.		3
138	Sins of the fathers: sperm DNA damage in the context of assisted reproduction. <i>Human Reproduction</i> , 2014, 29, 2356-2358.	0.4	3
139	Alzheimer's disease-related amyloid- β 42 peptide induces the loss of human sperm function. <i>Cell and Tissue Research</i> , 2017, 369, 647-651.	1.5	3
140	Effects of DMSO on the Pluripotency of Cultured Mouse Embryonic Stem Cells (mESCs). <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	3
141	Mitochondrial Functional Assessment in Mammalian Gametes Using Fluorescent Probes. <i>Methods in Molecular Biology</i> , 2021, 2310, 57-68.	0.4	3
142	Unhealthy lifestyles, environment, well-being and health capability in rural neighbourhoods: a community-based cross-sectional study. <i>BMC Public Health</i> , 2021, 21, 1628.	1.2	3
143	Role of a transbilayer pH gradient in the membrane fusion activity of the influenza virus hemagglutinin: Use of the R18 assay to monitor membrane merging. <i>Biological Procedures Online</i> , 1999, 1, 107-113.	1.4	2
144	Mitochondrial Follies: A Short Journey in Life and Energy. , 2018, , 649-692.		2

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145	Publicly stressing the role of mitochondria in NAFLD with(in) a sports event. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13234.	1.7	2
146	Mushrooms on the plate: Trends towards NAFLD treatment, health improvement and sustainable diets. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13667.	1.7	2
147	Spermicidal and Microbicidal Compounds: In Search of an Efficient Multipurpose Strategy. <i>Current Medicinal Chemistry</i> , 2014, 21, 3693-3700.	1.2	2
148	Mitochondrial dysfunction in reproductive and developmental toxicity. , 2011, , 815-824.		1
149	From Oocytes and Pluripotent Stem Cells to Fully Differentiated Fates: (Also) a Mitochondrial Odyssey. , 2013, , 69-86.		1
150	Comparative inÂvitro study on the local tolerance and efficacy of benzalkonium chloride, myristalkonium chloride and nonoxynol-9 as active principles in vaginal contraceptives. <i>European Journal of Contraception and Reproductive Health Care</i> , 2021, 26, 334-342.	0.6	1
151	BRIDGING HEALTH AND SOCIAL CARE WITH THE CITIZENS â€“ THE CASE OF EIT HEALTH PROJECT â€œHEALIQS4CITIESâ€•AND â€œPRAÃ‡A VIDA+â€•, IN PORTUGAL. <i>Care Weekly</i> , 0, , .	2.0	1
152	Translating Biochemistry Concepts into Cartoons and Graphic Narratives: Potential and Pitfalls. <i>Biochem</i> , 2022, 2, 104-114.	0.5	1
153	Fusion activity of the influenza virus hemagglutinin does not require a transbilayer pH gradient. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1330, 194-198.	1.4	0
154	Fertilization: fate of sperm components after ICSI. , 2003, , 133-140.		0
155	Manifesto. <i>Nature</i> , 2009, 458, 796-796.	13.7	0
156	Variants. <i>Nature</i> , 2011, 474, 536-536.	13.7	0
157	Invisible. <i>Nature</i> , 2012, 483, 642-642.	13.7	0
158	Emancipation. <i>Nature</i> , 2014, 510, 436-436.	13.7	0
159	Endocrine Disruptors and Male Reproductive Function. , 2018, , 629-633.		0
160	Data. <i>Nature</i> , 2018, 555, 408-408.	13.7	0
161	Monitoring Mitochondrial Function in Mouse Embryonic Stem Cells (mESCs). <i>Methods in Molecular Biology</i> , 2021, 2310, 47-56.	0.4	0
162	Hypoxia-induced quiescence: improving uc-msc therapeutic value. <i>Cytherapy</i> , 2021, 23, S133-S134.	0.3	0

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163	Fusion Activity of Influenza Virus towards Target Membranes: pH Requirements and Effect of Dehydrating Agents. , 1994, , 313-320.		0
164	Entry of Enveloped Viruses Into Host Cells: Fusion Activity of the Influenza Virus Hemagglutinin. , 1995, , 131-154.		0
165	Mass action model of virus fusion. , 1995, , 155-170.		0
166	Mitochondrial activity and reactive oxygen species production define distinct subpopulations of human sperm with different functional properties. Reproduction Abstracts, 0, , .	0.0	0
167	Open Source Data Mining Tools Evaluation using OSSpal Methodology. , 2018, , .		0
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