

Joao Ramalho-Santos

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157
papers

6,821
citations

40
h-index

80
g-index

181
ext. papers

7,628
ext. citations

6.6
avg, IF

5.73
L-index

#	Paper	IF	Citations
157	Ubiquitin tag for sperm mitochondria. <i>Nature</i> , 1999 , 402, 371-2	50.4	487
156	Energy metabolism in human pluripotent stem cells and their differentiated counterparts. <i>PLoS ONE</i> , 2011 , 6, e20914	3.7	482
155	Chd1 regulates open chromatin and pluripotency of embryonic stem cells. <i>Nature</i> , 2009 , 460, 863-8	50.4	406
154	Ubiquitinated sperm mitochondria, selective proteolysis, and the regulation of mitochondrial inheritance in mammalian embryos. <i>Biology of Reproduction</i> , 2000 , 63, 582-90	3.9	325
153	Mitochondrial functionality in reproduction: from gonads and gametes to embryos and embryonic stem cells. <i>Human Reproduction Update</i> , 2009 , 15, 553-72	15.8	289
152	Mitochondria functionality and sperm quality. <i>Reproduction</i> , 2013 , 146, R163-74	3.8	277
151	Diabetes and the impairment of reproductive function: possible role of mitochondria and reactive oxygen species. <i>Current Diabetes Reviews</i> , 2008 , 4, 46-54	2.7	216
150	Unique checkpoints during the first cell cycle of fertilization after intracytoplasmic sperm injection in rhesus monkeys. <i>Nature Medicine</i> , 1999 , 5, 431-3	50.5	203
149	The expression of mitochondrial DNA transcription factors during early cardiomyocyte in vitro differentiation from human embryonic stem cells. <i>Cloning and Stem Cells</i> , 2005 , 7, 141-53		202
148	The combined human sperm proteome: cellular pathways and implications for basic and clinical science. <i>Human Reproduction Update</i> , 2014 , 20, 40-62	15.8	173
147	Human sperm tail proteome suggests new endogenous metabolic pathways. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 330-42	7.6	144
146	Ubiquitination of prohibitin in mammalian sperm mitochondria: possible roles in the regulation of mitochondrial inheritance and sperm quality control. <i>Biology of Reproduction</i> , 2003 , 69, 254-60	3.9	135
145	Parabens in male infertility-is there a mitochondrial connection?. <i>Reproductive Toxicology</i> , 2009 , 27, 1-7	3.4	134
144	Enhancement of human embryonic stem cell pluripotency through inhibition of the mitochondrial respiratory chain. <i>Stem Cell Research</i> , 2009 , 3, 142-56	1.6	128
143	Effects of hyperglycemia on sperm and testicular cells of Goto-Kakizaki and streptozotocin-treated rat models for diabetes. <i>Theriogenology</i> , 2006 , 66, 2056-67	2.8	124
142	Ca ²⁺ signals generated by CatSper and Ca ²⁺ stores regulate different behaviors in human sperm. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6248-58	5.4	111
141	Identification of proteins involved in human sperm motility using high-throughput differential proteomics. <i>Journal of Proteome Research</i> , 2014 , 13, 5670-84	5.6	110

140	SNAREs in mammalian sperm: possible implications for fertilization. <i>Developmental Biology</i> , 2000 , 223, 54-69	3.1	107
139	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, 1585-96	5.7	96
138	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	4.4	96
137	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, 4727-38	5.3	95
136	Not all sperm are equal: functional mitochondria characterize a subpopulation of human sperm with better fertilization potential. <i>PLoS ONE</i> , 2011 , 6, e18112	3.7	92
135	In vitro surfactant structure-toxicity relationships: implications for surfactant use in sexually transmitted infection prophylaxis and contraception. <i>PLoS ONE</i> , 2011 , 6, e19850	3.7	87
134	Control of membrane fusion during spermiogenesis and the acrosome reaction. <i>Biology of Reproduction</i> , 2002 , 67, 1043-51	3.9	85
133	Membrane trafficking machinery components associated with the mammalian acrosome during spermiogenesis. <i>Experimental Cell Research</i> , 2001 , 267, 45-60	4.2	80
132	The Golgi apparatus segregates from the lysosomal/acrosomal vesicle during rhesus spermiogenesis: structural alterations. <i>Developmental Biology</i> , 2000 , 219, 334-49	3.1	69
131	A common mechanism for influenza virus fusion activity and inactivation. <i>Biochemistry</i> , 1993 , 32, 2771-9	3.2	63
130	Inhibition of mitochondrial complex III blocks neuronal differentiation and maintains embryonic stem cell pluripotency. <i>PLoS ONE</i> , 2013 , 8, e82095	3.7	61
129	p,PRDDE activates CatSper and compromises human sperm function at environmentally relevant concentrations. <i>Human Reproduction</i> , 2013 , 28, 3167-77	5.7	60
128	Aberrant nucleo-cytoplasmic cross-talk results in donor cell mtDNA persistence in cloned embryos. <i>Genetics</i> , 2006 , 172, 2515-27	4	55
127	The non-genomic effects of endocrine-disrupting chemicals on mammalian sperm. <i>Reproduction</i> , 2016 , 151, R1-R13	3.8	51
126	Freeze-dried primate sperm retains early reproductive potential after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2008 , 89, 742-5	4.8	51
125	Characterization of human sperm populations using conventional parameters, surface ubiquitination, and apoptotic markers. <i>Fertility and Sterility</i> , 2007 , 87, 572-83	4.8	49
124	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	15.6	48
123	Surfactants as microbicides and contraceptive agents: a systematic in vitro study. <i>PLoS ONE</i> , 2008 , 3, e2913	3.7	46

122	The analysis of mitochondria and mitochondrial DNA in human embryonic stem cells. <i>Methods in Molecular Biology</i> , 2006 , 331, 347-74	1.4	44
121	Cytotoxic potential of decidual NK cells and CD8+ T cells awakened by infections. <i>Journal of Reproductive Immunology</i> , 2017 , 119, 85-90	4.2	43
120	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		42
119	Golgi apparatus dynamics during mouse oocyte in vitro maturation: effect of the membrane trafficking inhibitor brefeldin A. <i>Biology of Reproduction</i> , 2002 , 66, 1259-66	3.9	41
118	Mitochondria and mammalian reproduction. <i>Molecular and Cellular Endocrinology</i> , 2013 , 379, 74-84	4.4	40
117	Metabolic remodeling during H9c2 myoblast differentiation: relevance for in vitro toxicity studies. <i>Cardiovascular Toxicology</i> , 2011 , 11, 180-90	3.4	40
116	Testicular mitochondrial alterations in untreated streptozotocin-induced diabetic rats. <i>Mitochondrion</i> , 2009 , 9, 41-50	4.9	38
115	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	4.2	37
114	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	2.1	35
113	On-stage selection of single round spermatids using a vital, mitochondrion-specific fluorescent probe MitoTracker(TM) and high resolution differential interference contrast microscopy. <i>Human Reproduction</i> , 1999 , 14, 2301-12	5.7	34
112	Target cell membrane sialic acid modulates both binding and fusion activity of influenza virus. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995 , 1236, 323-30	3.8	33
111	TransgenICSI reviewed: foreign DNA transmission by intracytoplasmic sperm injection in rhesus monkey. <i>Molecular Reproduction and Development</i> , 2000 , 56, 325-8	2.6	32
110	SNARE proteins and caveolin-1 in stallion spermatozoa: possible implications for fertility. <i>Theriogenology</i> , 2005 , 64, 275-91	2.8	30
109	Interactions of influenza virus with cultured cells: detailed kinetic modeling of binding and endocytosis. <i>Biochemistry</i> , 1999 , 38, 1095-101	3.2	30
108	Metabolic and Mechanical Cues Regulating Pluripotent Stem Cell Fate. <i>Trends in Cell Biology</i> , 2018 , 28, 1014-1029	18.3	29
107	Seasonal functional relevance of sperm characteristics in equine spermatozoa. <i>Theriogenology</i> , 2010 , 73, 950-8	2.8	28
106	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, 1360-75	2.8	28
105	Sirtuins in metabolism, stemness and differentiation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 3444-3455	4	27

104	Dichloroacetate, the Pyruvate Dehydrogenase Complex and the Modulation of mESC Pluripotency. <i>PLoS ONE</i> , 2015 , 10, e0131663	3.7	26
103	Testicular aging involves mitochondrial dysfunction as well as an increase in UCP2 levels and proton leak. <i>FEBS Letters</i> , 2008 , 582, 4191-6	3.8	26
102	UVB irradiation as a tool to assess ROS-induced damage in human spermatozoa. <i>Andrology</i> , 2013 , 1, 707-14	4.4	25
101	The influenza virus hemagglutinin: a model protein in the study of membrane fusion. <i>BBA - Biomembranes</i> , 1998 , 1376, 147-54		25
100	WAVE1, an A-kinase anchoring protein, during mammalian spermatogenesis. <i>Human Reproduction</i> , 2004 , 19, 2594-604	5.7	25
99	Sperm selection in assisted reproduction: A review of established methods and cutting-edge possibilities. <i>Biotechnology Advances</i> , 2020 , 40, 107498	17.8	25
98	Exogenous glucose improves long-standing human sperm motility, viability, and mitochondrial function. <i>Fertility and Sterility</i> , 2011 , 96, 848-50	4.8	24
97	From gametogenesis and stem cells to cancer: common metabolic themes. <i>Human Reproduction Update</i> , 2014 , 20, 924-43	15.8	23
96	Dual use of Diff-Quik-like stains for the simultaneous evaluation of human sperm morphology and chromatin status. <i>Human Reproduction</i> , 2009 , 24, 28-36	5.7	23
95	Effects of different storage protocols on cat testis tissue potential for xenografting and recovery of spermatogenesis. <i>Theriogenology</i> , 2012 , 77, 299-310	2.8	21
94	Targeting and fusion proteins during mammalian spermiogenesis. <i>Biological Research</i> , 2001 , 34, 147-52	7.6	20
93	Flow cytometry evaluation of lead and cadmium effects on mouse spermatogenesis. <i>Reproductive Toxicology</i> , 2006 , 22, 529-35	3.4	19
92	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, 181-6		19
91	High glucose concentrations per se do not adversely affect human sperm function in vitro. <i>Reproduction</i> , 2015 , 150, 77-84	3.8	18
90	Geography of follicle formation in the embryonic mouse ovary impacts activation pattern during the first wave of folliculogenesis. <i>Biology of Reproduction</i> , 2015 , 93, 88	3.9	18
89	Aging, mitochondria and male reproductive function. <i>Current Aging Science</i> , 2009 , 2, 165-73	2.2	18
88	Aging and male reproductive function: a mitochondrial perspective. <i>Frontiers in Bioscience - Scholar</i> , 2013 , 5, 181-97	2.4	18
87	Different concentrations of kaempferol distinctly modulate murine embryonic stem cell function. <i>Food and Chemical Toxicology</i> , 2016 , 87, 148-56	4.7	17

86	Differentiate or Die: 3-Bromopyruvate and Pluripotency in Mouse Embryonic Stem Cells. <i>PLoS ONE</i> , 2015 , 10, e0135617	3.7	17
85	Differential effects of p,pRDDE on testis and liver mitochondria: implications for reproductive toxicology. <i>Reproductive Toxicology</i> , 2011 , 31, 80-5	3.4	17
84	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, 102-13	2.1	17
83	LIS1 association with dynactin is required for nuclear motility and genomic union in the fertilized mammalian oocyte. <i>Cytoskeleton</i> , 2003 , 56, 245-51		17
82	Fluorescent probes for monitoring virus fusion kinetics: comparative evaluation of reliability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1561, 65-75	3.8	17
81	Effect of lead chloride on spermatogenesis and sperm parameters in mice. <i>Asian Journal of Andrology</i> , 2004 , 6, 237-41	2.8	17
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, 72-9	2.9	16
79	Histopathological effects of hexavalent chromium in mouse kidney. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006 , 76, 977-83	2.7	16
78	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	4.1	16
77	In vitro exposure to the organochlorine p,pRDDE affects functional human sperm parameters. <i>Chemosphere</i> , 2015 , 120, 443-6	8.4	15
76	A sperm tail: the importance of getting it right. <i>Human Reproduction</i> , 2011 , 26, 2590-1	5.7	15
75	Low amounts of mitochondrial reactive oxygen species define human sperm quality. <i>Reproduction</i> , 2014 , 147, 817-24	3.8	14
74	Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats. <i>Environmental Pollution</i> , 2013 , 180, 281-90	9.3	14
73	High glucose levels affect spermatogenesis: an in vitro approach. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1369-1378	1.8	13
72	Pluri-IQ: Quantification of Embryonic Stem Cell Pluripotency through an Image-Based Analysis Software. <i>Stem Cell Reports</i> , 2017 , 9, 697-709	8	13
71	Mitochondrial Mechanisms of Metabolic Reprogramming in Proliferating Cells. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2493-504	4.3	13
70	Fusion and infection of influenza and Sendai viruses as modulated by dextran sulfate: a comparative study. <i>Bioscience Reports</i> , 2001 , 21, 293-304	4.1	13
69	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, 830-7	4.2	12

68	Fluorescent probes for the detection of reactive oxygen species in human spermatozoa. <i>Asian Journal of Andrology</i> , 2020 , 22, 465-471	2.8	12
67	Mitochondrial bioenergetics of testicular cells from the domestic cat (<i>Felis catus</i>)-a model for endangered species. <i>Reproductive Toxicology</i> , 2009 , 27, 111-6	3.4	11
66	Partial fusion activity of influenza virus toward liposomes and erythrocyte ghosts is distinct from viral inactivation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 23902-6	5.4	11
65	The mTOR pathway in reproduction: from gonadal function to developmental coordination. <i>Reproduction</i> , 2020 , 159, R173-R188	3.8	11
64	Mitochondrial Functionality and Chemical Compound Action on Sperm Function. <i>Current Medicinal Chemistry</i> , 2016 , 23, 3575-3606	4.3	11
63	Presence of N-ethyl maleimide sensitive factor (NSF) on the acrosome of mammalian sperm. <i>Archives of Andrology</i> , 2004 , 50, 163-8		10
62	Relation of cumulus cell status with single oocyte maturity, fertilization capability and patient age. <i>Journal of Reproduction and Infertility</i> , 2014 , 15, 15-21	1.5	10
61	Antidiabetic therapies and male reproductive function: where do we stand?. <i>Reproduction</i> , 2018 , 155, R13-R37	3.8	9
60	Can we induce spermatogenesis in the domestic cat using an in vitro tissue culture approach?. <i>PLoS ONE</i> , 2018 , 13, e0191912	3.7	9
59	Antioxidant Versus Pro-Apoptotic Effects of Mushroom-Enriched Diets on Mitochondria in Liver Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
58	In vitro effects of cationic compounds on functional human sperm parameters. <i>Fertility and Sterility</i> , 2013 , 99, 705-12	4.8	9
57	Acute effects of TCDD administration: special emphasis on testicular and sperm mitochondrial function. <i>Asian Pacific Journal of Reproduction</i> , 2012 , 1, 269-276	1.1	9
56	Parameters affecting fusion between liposomes and synaptosomes. Role of proteins, lipid peroxidation, pH and temperature. <i>Journal of Membrane Biology</i> , 1994 , 142, 217-22	2.3	9
55	Can Antidiabetic Drugs Improve Male Reproductive (Dys)Function Associated with Diabetes?. <i>Current Medicinal Chemistry</i> , 2019 , 26, 4191-4222	4.3	8
54	Interaction of clathrin with large unilamellar phospholipid vesicles at neutral pH. Lipid dependence and protein penetration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992 , 1106, 209-15	3.8	8
53	How can ethics relate to science? The case of stem cell research. <i>European Journal of Human Genetics</i> , 2013 , 21, 591-5	5.3	7
52	Evidence that synaptobrevin is involved in fusion between synaptic vesicles and synaptic plasma membrane vesicles. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 236, 184-8	3.4	7
51	Localization of SNAREs, NSF and Caveolin 1 in human spermatozoa: relationship with seminal parameters. <i>Archives of Andrology</i> , 2006 , 52, 347-53		7

50	Simultaneous analysis of cytoskeletal patterns and chromosome positioning in human fertilization failures. <i>Fertility and Sterility</i> , 2004 , 82, 1654-9	4.8	7
49	Role of hydrophobic interactions in the fusion activity of influenza and Sendai viruses towards model membranes. <i>Bioscience Reports</i> , 1994 , 14, 15-24	4.1	7
48	Human procreation in uncharted territory: new twists in ethical discussions. <i>Human Reproduction</i> , 2011 , 26, 1284-7	5.7	6
47	Spermicides, microbicides and antiviral agents: recent advances in the development of novel multi-functional compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009 , 9, 1556-67	3.2	6
46	The impact of antisperm antibodies on human male reproductive function: an update. <i>Reproduction</i> , 2021 , 162, R55-R71	3.8	6
45	Metabolic characterization of a paused-like pluripotent state. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129612	4	5
44	Proton leak modulation in testicular mitochondria affects reactive oxygen species production and lipid peroxidation. <i>Cell Biochemistry and Function</i> , 2010 , 28, 224-31	4.2	5
43	Does supplementation with mitochondria improve oocyte competence? A systematic review. <i>Reproduction</i> , 2021 , 161, 269-287	3.8	5
42	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	8.1	5
41	VAMP/synaptobrevin as an acrosomal marker for human sperm. <i>Fertility and Sterility</i> , 2002 , 77, 159-61	4.8	4
40	Acrosome components after intracytoplasmic sperm injection: the decondensation frontier. <i>Fertility and Sterility</i> , 2001 , 76, 196-7	4.8	4
39	Spermatogonial stem cell organization in felid testis as revealed by Dolichos biflorus lectin. <i>Andrology</i> , 2016 , 4, 1159-1168	4.2	4
38	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	1.2	4
37	Free Radical Biology and Reproductive Health in Diabetes 2014 , 2789-2813		3
36	Alzheimer's disease-related amyloid- β peptide induces the loss of human sperm function. <i>Cell and Tissue Research</i> , 2017 , 369, 647-651	4.2	3
35	Mitochondrial Dysfunction in Reproductive and Developmental Toxicity 2017 , 1023-1035		3
34	I Want More and Better Cells! - An Outreach Project about Stem Cells and Its Impact on the General Population. <i>PLoS ONE</i> , 2015 , 10, e0133753	3.7	3
33	Anterior positioning of sex chromosomes on the head of human sperm sorted using visible wavelengths. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 223-6	2.9	3

32	The male gamete is not a somatic cell--the possible meaning of varying sperm RNA levels. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 179-80	8.4	3
31	Sendai virus fusion activity as modulated by target membrane components. <i>Bioscience Reports</i> , 1998 , 18, 59-68	4.1	3
30	Aging-related mitochondrial alterations in bovine oocytes. <i>Theriogenology</i> , 2020 , 157, 218-225	2.8	3
29	The use of comics to promote health awareness: A template using nonalcoholic fatty liver disease. <i>European Journal of Clinical Investigation</i> , 2021 , e13642	4.6	3
28	Stem metabolism: Insights from oncometabolism and vice versa. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165760	6.9	2
27	Xenografting as a tool to preserve endangered species: outcomes and challenges in model systems. <i>Veterinary Medicine International</i> , 2010 , 2011,	1.5	2
26	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	1.2	2
25	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	8.3	2
24	Effects of DMSO on the Pluripotency of Cultured Mouse Embryonic Stem Cells (mESCs). <i>Stem Cells International</i> , 2020 , 2020, 8835353	5	2
23	The role of sperm and oocyte in fetal programming: Is Lamarck making a comeback?. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13521	4.6	2
22	Mammalian Sperm Mitochondrial Function as Affected by Environmental Toxicants, Substances of Abuse, and Other Chemical Compounds 2018 , 185-203		1
21	From Oocytes and Pluripotent Stem Cells to Fully Differentiated Fates: (Also) a Mitochondrial Odyssey 2013 , 69-86		1
20	Mitochondrial dysfunction in reproductive and developmental toxicity 2011 , 815-824		1
19	MITOCHONDRIA-TARGETED COMPOUNDS TO ASSESS AND IMPROVE HUMAN SPERM FUNCTION. <i>Antioxidants and Redox Signaling</i> , 2021 ,	8.4	1
18	Spermicidal and microbicidal compounds: in search of an efficient multipurpose strategy. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3693-700	4.3	1
17	Comparative 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	1.8	1
16	Publicly stressing the role of mitochondria in NAFLD with(in) a sports event. <i>European Journal of Clinical Investigation</i> , 2020 , 50, e13234	4.6	1
15	Mushrooms on the plate: Trends towards NAFLD treatment, health improvement and sustainable diets. <i>European Journal of Clinical Investigation</i> , 2021 , e13667	4.6	1

14	Differential Oxygen Exposure Modulates Mesenchymal Stem Cell Metabolism and Proliferation through mTOR Signaling.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
13	Spatiotemporal dynamics of SIRT 1, 2 and 3 during in vitro maturation of bovine oocytes.. <i>Theriogenology</i> , 2022 , 186, 60-69	2.8	1
12	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	4.1	0
11	Endocrine Disruptors and Male Reproductive Function 2018 , 629-633		
10	Fusion activity of the influenza virus hemagglutinin does not require a transbilayer pH gradient. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997 , 1330, 194-8	3.8	
9	Fertilization: fate of sperm components after ICSI 2003 , 133-140		
8	Glycolytic Profiling of Mouse Embryonic Stem Cells (mESCs). <i>Methods in Molecular Biology</i> , 2021 , 1	1.4	
7	Fusion Activity of Influenza Virus towards Target Membranes: pH Requirements and Effect of Dehydrating Agents 1994 , 313-320		
6	Entry of Enveloped Viruses Into Host Cells: Fusion Activity of the Influenza Virus Hemagglutinin 1995 , 131-154		
5	Mass action model of virus fusion 1995 , 155-170		
4	Monitoring Mitochondrial Function in Mouse Embryonic Stem Cells (mESCs). <i>Methods in Molecular Biology</i> , 2021 , 2310, 47-56	1.4	
3	Mitochondrial Functional Assessment in Mammalian Gametes Using Fluorescent Probes. <i>Methods in Molecular Biology</i> , 2021 , 2310, 57-68	1.4	
2	Mitochondrial dysfunction in reproductive and developmental toxicity 2022 , 1103-1116		
1	Translating Biochemistry Concepts into Cartoons and Graphic Narratives: Potential and Pitfalls. <i>Biochem</i> , 2022 , 2, 104-114		