

Mrio Sousa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

264
papers

6,328
citations

41
h-index

66
g-index

273
ext. papers

7,107
ext. citations

3.4
avg, IF

5.68
L-index

#	Paper	IF	Citations
264	Reliability of Replicated Distributed Control Systems Applications Based on IEC 61499. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 301-312	0.4	
263	Pregnancy Achievement by Medical Assisted Reproduction Is Correlated to the G Protein-Coupled Receptor 30 mRNA Abundance in Human Spermatozoa. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3240	2.6	
262	Effect of Leptin in Human Sertoli Cells Mitochondrial Physiology. <i>Reproductive Sciences</i> , 2021 , 28, 920-934		1
261	New evidences of ubiquitin-proteasome system activity in human sperm. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 118932	4.9	
260	Towards a Distributed Learning Architecture for Securing ISP Home Customers. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 311-322	0.5	
259	Awake repositioning among COVID patients. <i>Journal of Applied Sciences and Clinical Practice</i> , 2021 , 2, 66	0	
258	Integrating Whole-Genome Sequencing in Clinical Genetics: A Novel Disruptive Structural Rearrangement Identified in the Dystrophin Gene (). <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	0
257	Metabolic diseases affect male reproduction and induce signatures in gametes that may compromise the offspring health. <i>Environmental Epigenetics</i> , 2020 , 6, dvaa019	2.4	7
256	Twin Pregnancies, Crown-rump Length and Birthweight Discordancy: The Influence of Chorionicity. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2020 , 42, 529-534	1.1	1
255	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	4	5
254	Late-onset hypogonadism and lifestyle-related metabolic disorders. <i>Andrology</i> , 2020 , 8, 1530-1538	4.2	11
253	Bioinformatics and Computational Tools for Next-Generation Sequencing Analysis in Clinical Genetics. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	54
252	Novel ultrastructural findings in bovine oocytes matured in vitro. <i>Theriogenology</i> , 2020 , 143, 88-97	2.8	5
251	Unveiling the genetic etiology of primary ciliary dyskinesia: When standard genetic approach is not enough. <i>Advances in Medical Sciences</i> , 2020 , 65, 1-11	2.8	2
250	Epimutations in human sperm from patients with impaired spermatogenesis. <i>Clinical Epigenetics</i> , 2020 , 12, 172	7.7	
249	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	3.4	1
248	Mitochondrial Activation and Reactive Oxygen-Species Overproduction during Sperm Capacitation are Independent of Glucose Stimuli. <i>Antioxidants</i> , 2020 , 9,	7.1	10

247	Stereological study of organelle distribution in human oocytes at metaphase I. <i>Zygote</i> , 2020 , 28, 308-317	11.6	1
246	Clinical and Genetic Analysis of Children with Kartagener Syndrome. <i>Cells</i> , 2019 , 8,	7.9	17
245	L-Theanine promotes cultured human Sertoli cells proliferation and modulates glucose metabolism. <i>European Journal of Nutrition</i> , 2019 , 58, 2961-2970	5.2	10
244	pH and male fertility: making sense on pH homeodynamics throughout the male reproductive tract. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 3783-3800	10.3	17
243	Molecular aspects of collagenolysis associated with stress urinary incontinence in women with urethral hypermobility vs intrinsic sphincter deficiency. <i>Neurourology and Urodynamics</i> , 2019 , 38, 1533-1539	2.3	3
242	Protective role of N-acetylcysteine (NAC) on human sperm exposed to etoposide. <i>Basic and Clinical Andrology</i> , 2019 , 29, 3	2.8	4
241	Carbonic anhydrases are involved in mitochondrial biogenesis and control the production of lactate by human Sertoli cells. <i>FEBS Journal</i> , 2019 , 286, 1393-1406	5.7	13
240	mTOR Signaling Pathway Regulates Sperm Quality in Older Men. <i>Cells</i> , 2019 , 8,	7.9	7
239	Characterization of CCDC103 expression profiles: further insights in primary ciliary dyskinesia and in human reproduction. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 1683-1700	3.4	11
238	Role of Reactive Oxygen Species in Diabetes-Induced Male Reproductive Dysfunction 2019 , 135-147		5
237	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	4.6	12
236	Shedding light into the relevance of telomeres in human reproduction and male factor infertility[] <i>Biology of Reproduction</i> , 2019 , 100, 318-330	3.9	7
235	Molecular Mechanisms and Signaling Pathways Involved in the Nutritional Support of Spermatogenesis by Sertoli Cells. <i>Methods in Molecular Biology</i> , 2018 , 1748, 129-155	1.4	29
234	Clinical outcomes after preimplantation genetic diagnosis of patients with Corino de Andrade disease (familial amyloid polyneuropathy). <i>Reproductive BioMedicine Online</i> , 2018 , 36, 39-46	4	5
233	Pineal Gland and Melatonin Biosynthesis 2018 , 465-471		
232	Pineal Gland and Regulatory Function 2018 , 472-477		
231	Senescence and declining reproductive potential: Insight into molecular mechanisms through testicular metabolomics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 3388-3396	6.9	26
230	LAMA2 gene mutation update: Toward a more comprehensive picture of the laminin-2 variome and its related phenotypes. <i>Human Mutation</i> , 2018 , 39, 1314-1337	4.7	36

229	Structural and molecular analysis of the cancer prostate cell line PC3: Oocyte zona pellucida glycoproteins. <i>Tissue and Cell</i> , 2018 , 55, 91-106	2.7	3
228	Insights into leptin signaling and male reproductive health: the missing link between overweight and subfertility?. <i>Biochemical Journal</i> , 2018 , 475, 3535-3560	3.8	9
227	Evaluating Runs of Homozygosity in Exome Sequencing Data - Utility in Disease Inheritance Model Selection and Variant Filtering. <i>Communications in Computer and Information Science</i> , 2018 , 268-288	0.3	2
226	Mammalian target of rapamycin (mTOR): a central regulator of male fertility?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017 , 52, 235-253	8.7	24
225	The new neuromuscular disease related with defects in the ASC-1 complex: report of a second case confirms ASCC1 involvement. <i>Clinical Genetics</i> , 2017 , 92, 434-439	4	17
224	Body mass index is associated with region-dependent metabolic reprogramming of adipose tissue. <i>BBA Clinical</i> , 2017 , 8, 1-6		7
223	Obesity, energy balance and spermatogenesis. <i>Reproduction</i> , 2017 , 153, R173-R185	3.8	56
222	DNA methylation imprinting errors in spermatogenic cells from maturation arrest azoospermic patients. <i>Andrology</i> , 2017 , 5, 451-459	4.2	11
221	Implications of epigallocatechin-3-gallate in cultured human Sertoli cells glycolytic and oxidative profile. <i>Toxicology in Vitro</i> , 2017 , 41, 214-222	3.6	12
220	Glycerol and testicular activity: the good, the bad and the ugly. <i>Molecular Human Reproduction</i> , 2017 , 23, 725-737	4.4	9
219	Assessing Male Reproductive Toxicity during Drug Development 2017 , 06,		4
218	Y-chromosome microdeletions in nonobstructive azoospermia and severe oligozoospermia. <i>Asian Journal of Andrology</i> , 2017 , 19, 338-345	2.8	27
217	Exonization of an Intronic LINE-1 Element Causing Becker Muscular Dystrophy as a Novel Mutational Mechanism in Dystrophin Gene. <i>Genes</i> , 2017 , 8,	4.2	16
216	Major regulatory mechanisms involved in sperm motility. <i>Asian Journal of Andrology</i> , 2017 , 19, 5-14	2.8	95
215	Fertility and Sperm Quality in the Aging Male. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4429-4437	3.3	36
214	Homozygosity Mapping using Whole-Exome Sequencing: A Valuable Approach for Pathogenic Variant Identification in Genetic Diseases 2017 ,		3
213	Corino de Andrade disease: mechanisms and impact on reproduction. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2017 , 21, 105-114	1.7	1
212	Ultrastructural and cytogenetic analyses of mature human oocyte dysmorphisms with respect to clinical outcomes. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 1041-57	3.4	9

211	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , 2016 , 83, 208-16	2.6	9
210	New massive parallel sequencing approach improves the genetic characterization of congenital myopathies. <i>Journal of Human Genetics</i> , 2016 , 61, 497-505	4.3	10
209	Mammalian target of rapamycin controls glucose consumption and redox balance in human Sertoli cells. <i>Fertility and Sterility</i> , 2016 , 105, 825-833.e3	4.8	22
208	First transplantation of cryopreserved ovarian tissue in Portugal, stored for 10 years: an unexpected indication. <i>Reproductive BioMedicine Online</i> , 2016 , 32, 334-6	4	13
207	Are Polyphenols Strong Dietary Agents Against Neurotoxicity and Neurodegeneration?. <i>Neurotoxicity Research</i> , 2016 , 30, 345-66	4.3	41
206	New insights on hormones and factors that modulate Sertoli cell metabolism. <i>Histology and Histopathology</i> , 2016 , 31, 499-513	1.4	24
205	Sirtuins: Novel Players in Male Reproductive Health. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1084-99	4.3	16
204	Male fertility and obesity: are ghrelin, leptin and glucagon-like peptide-1 pharmacologically relevant?. <i>Current Pharmaceutical Design</i> , 2016 , 22, 783-91	3.3	34
203	Ultrastructural Characterization of Fresh and Vitrified In Vitro- and In Vivo-Produced Sheep Embryos. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2016 , 45, 231-9	1.1	8
202	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, 179-88	3.5	20
201	A stereological study on organelle distribution in human oocytes at prophase I. <i>Zygote</i> , 2016 , 24, 346-54	1.6	6
200	Expression of Estrogen Receptors Alpha (ER- α) Beta (ER- β) and G Protein-Coupled Receptor 30 (GPR30) in Testicular Tissue of Men with Klinefelter Syndrome. <i>Hormone and Metabolic Research</i> , 2016 , 48, 413-5	3.1	10
199	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	0.6	1
198	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	4.4	28
197	Pioglitazone increases the glycolytic efficiency of human Sertoli cells with possible implications for spermatogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 52-60	5.6	22
196	Ultrastructural analysis of five patients with total sperm immotility. <i>Zygote</i> , 2015 , 23, 900-7	1.6	7
195	Sperm DNA fragmentation is related to sperm morphological staining patterns. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 506-15	4	16
194	Semen parameters and their influence on pregnancy after assisted reproduction: Report of the Hospital Centre of Porto. <i>Revista Internacional De Andrologia</i> , 2015 , 13, 27-36	0.6	

193	Dehydroepiandrosterone and 7-oxo-dehydroepiandrosterone in male reproductive health: Implications of differential regulation of human Sertoli cells metabolic profile. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 154, 1-11	5.1	9
192	Estrogenic regulation of bicarbonate transporters from SLC4 family in rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2015 , 408, 47-54	4.2	11
191	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, 1824-32	6.9	51
190	Mutation analysis in patients with total sperm immotility. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 893-902	3.4	21
189	Ultrastructural characterization of in vivo-produced ovine morulae and blastocysts. <i>Zygote</i> , 2015 , 23, 583-93	1.6	2
188	Effect of in vitro exposure to lead chloride on semen quality and sperm DNA fragmentation. <i>Zygote</i> , 2015 , 23, 384-93	1.6	12
187	The role of estrogens and estrogen receptor signaling pathways in cancer and infertility: the case of schistosomes. <i>Trends in Parasitology</i> , 2015 , 31, 246-50	6.4	24
186	Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: relevance for male fertility. <i>Toxicology</i> , 2015 , 328, 12-20	4.4	51
185	The mutational spectrum of WT1 in male infertility. <i>Journal of Urology</i> , 2015 , 193, 1709-15	2.5	10
184	Embryological, clinical and ultrastructural study of human oocytes presenting indented zona pellucida. <i>Zygote</i> , 2015 , 23, 145-57	1.6	18
183	DNA fragmentation in human sperm after magnetic-activated cell sorting. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 147-54	3.4	45
182	An ultrastructural study of ejaculated spermatozoa from three patients presenting total sperm immotility. <i>Microscopy and Microanalysis</i> , 2015 , 21, 24-25	0.5	
181	Is Magnetic-Activated Cell Sorting an Efficient Technique in Reducing Human Sperm DNA Fragmentation?. <i>Microscopy and Microanalysis</i> , 2015 , 21 Suppl 5, 63-4	0.5	3
180	Ovarian hyperstimulation syndrome: a clinical report on 4894 consecutive ART treatment cycles. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 66	5	21
179	Rare double sex and mab-3-related transcription factor 1 regulatory variants in severe spermatogenic failure. <i>Andrology</i> , 2015 , 3, 825-33	4.2	11
178	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3606-20	3.3	38
177	Tuberculose Urinária: Graves Complicações Podem Ocorrer com um Diagnóstico Tardio. <i>Acta Medica Portuguesa</i> , 2015 , 28, 382	1.4	2
176	New splicing mutation in the choline kinase beta (CHKB) gene causing a muscular dystrophy detected by whole-exome sequencing. <i>Journal of Human Genetics</i> , 2015 , 60, 305-12	4.3	29

175	Metabolic fingerprints in testicular biopsies from type 1 diabetic patients. <i>Cell and Tissue Research</i> , 2015 , 362, 431-40	4.2	16
174	Sertoli cell as a model in male reproductive toxicology: Advantages and disadvantages. <i>Journal of Applied Toxicology</i> , 2015 , 35, 870-83	4.1	50
173	Novel Drug Therapies for Fertility Preservation in Men Undergoing Chemotherapy: Clinical Relevance of Protector Agents. <i>Current Medicinal Chemistry</i> , 2015 , 22, 3347-69	4.3	8
172	Impact of Metformin on Male Reproduction. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3621-33	3.3	16
171	CFTR Regulation of Aquaporin-Mediated Water Transport: A Target in Male Fertility. <i>Current Drug Targets</i> , 2015 , 16, 993-1006	3	12
170	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, 1017-21	3.4	20
169	Expression pattern of G protein-coupled receptor 30 in human seminiferous tubular cells. <i>General and Comparative Endocrinology</i> , 2014 , 201, 16-20	3	17
168	Molecular cytogenetics of human single pronucleated zygotes. <i>Reproductive Sciences</i> , 2014 , 21, 1472-82	3	18
167	Epidemiologic study of infertility: Report of the hospital centre of St. John, Porto. <i>Revista Internacional De Andrologia</i> , 2014 , 12, 123-131	0.6	
166	Reviewing Large LAMA2 Deletions and Duplications in Congenital Muscular Dystrophy Patients. <i>Journal of Neuromuscular Diseases</i> , 2014 , 1, 169-179	5	9
165	A novel Alu-mediated microdeletion at 11p13 removes WT1 in a patient with cryptorchidism and azoospermia. <i>Reproductive BioMedicine Online</i> , 2014 , 29, 388-91	4	13
164	Urinary estrogen metabolites and self-reported infertility in women infected with <i>Schistosoma haematobium</i> . <i>PLoS ONE</i> , 2014 , 9, e96774	3.7	20
163	A molecular approach to sperm immotility in humans: A review. <i>Medicina Reproductiva Y Embriologia Clínica</i> , 2014 , 1, 15-25	0.1	1
162	Treatment by testicular sperm extraction and intracytoplasmic sperm injection of 65 azoospermic patients with non-mosaic Klinefelter syndrome with birth of 17 healthy children. <i>Andrology</i> , 2014 , 2, 623-31	4.3	52
161	Aquaporin-9 is expressed in rat Sertoli cells and interacts with the cystic fibrosis transmembrane conductance regulator. <i>IUBMB Life</i> , 2014 , 66, 639-44	4.7	21
160	Physiology of Na ⁺ /H ⁺ exchangers in the male reproductive tract: relevance for male fertility. <i>Biology of Reproduction</i> , 2014 , 91, 11	3.9	25
159	Identification of androgen receptor variants in testis from humans and other vertebrates. <i>Andrologia</i> , 2013 , 45, 187-94	2.4	8
158	Caspase signalling pathways in human spermatogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2013 , 30, 487-95	3.4	28

157	"Omics" of human sperm: profiling protein phosphatases. <i>OMICS A Journal of Integrative Biology</i> , 2013 , 17, 460-72	3.8	12
156	Expression of stem cell markers: OCT4, KIT, ITGA6, and ITGB1 in the male germinal epithelium. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 233-43	2.9	15
155	Immunohistochemical analysis of CFTR in normal and disrupted spermatogenesis. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 53-9	2.9	12
154	Human spermatogenic failure purges deleterious mutation load from the autosomes and both sex chromosomes, including the gene DMRT1. <i>PLoS Genetics</i> , 2013 , 9, e1003349	6	99
153	Molecular basis of bicarbonate membrane transport in the male reproductive tract. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4037-49	4.3	20
152	Sperm Epigenetic Profile 2013 , 377-394		
151	In vitro cultured human Sertoli cells secrete high amounts of acetate that is stimulated by 17 β -estradiol and suppressed by insulin deprivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1389-94	4.9	58
150	Comparative study of gene expression in patients with varicocele by microarray technology. <i>Andrologia</i> , 2012 , 44 Suppl 1, 260-5	2.4	9
149	Cryopreservation of human testicular diploid germ cell suspensions. <i>Andrologia</i> , 2012 , 44, 366-72	2.4	26
148	Ultraestrutura de um caso de astenozoospermia. <i>Revista Internacional De Andrologia</i> , 2012 , 10, 156-159	0.6	2
147	Data-type checking of IEC61131-3 ST and IL applications 2012 ,		2
146	Regucalcin, a calcium-binding protein with a role in male reproduction?. <i>Molecular Human Reproduction</i> , 2012 , 18, 161-70	4.4	25
145	Effect of insulin deprivation on metabolism and metabolism-associated gene transcript levels of in vitro cultured human Sertoli cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 84-9	4	83
144	AZFb microdeletions and oligozoospermia--which mechanisms?. <i>Fertility and Sterility</i> , 2012 , 97, 858-63	4.8	36
143	Pyruvate dehydrogenase complex: mRNA and protein expression patterns of E1 β subunit genes in human spermatogenesis. <i>Gene</i> , 2012 , 506, 173-8	3.8	5
142	A Histological Study of Oogenesis in the Freshwater Mussel <i>Anodonta cygnea</i> (Linnaeus, 1758) in Mira Lagoon, Portugal. <i>Malacologia</i> , 2012 , 55, 251-261	1.1	10
141	Genetic regulation on ex vivo differentiated natural killer cells from human umbilical cord blood CD34+ cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2012 , 32, 238-49	2.6	5
140	Outcomes of human blastocyst transfer after slow-freezing using sequential culture: a clinical report. <i>Archives of Gynecology and Obstetrics</i> , 2012 , 285, 1473-8	2.5	3

139	Quantitative analysis of cellular proliferation and differentiation of the human seminiferous epithelium in vitro. <i>Reproductive Sciences</i> , 2012 , 19, 1063-74	3	3
138	Expression analysis of MLH3, MLH1, and MSH4 in maturation arrest. <i>Reproductive Sciences</i> , 2012 , 19, 587-96	3	5
137	Biomarkers Expression in Human Seminiferous Epithelium. <i>Microscopy and Microanalysis</i> , 2012 , 18, 15-16o.5		
136	Sperm Epigenetic Profile 2011 , 243-257		1
135	Ultrastructural and cytochemical characterization of follicular cell types in bovine (<i>Bos taurus</i>) cumulus-oocyte complexes aspirated from small and medium antral follicles during the estrus cycle. <i>Animal Reproduction Science</i> , 2011 , 123, 23-31	2.1	2
134	Ultrastructure of tubular smooth endoplasmic reticulum aggregates in human metaphase II oocytes and clinical implications. <i>Fertility and Sterility</i> , 2011 , 96, 143-149.e7	4.8	56
133	Apoptosis-inhibitor Aven is downregulated in defective spermatogenesis and a novel estrogen target gene in mammalian testis. <i>Fertility and Sterility</i> , 2011 , 96, 745-50	4.8	21
132	Influence of 5 α -dihydrotestosterone and 17 β -estradiol on human Sertoli cells metabolism. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e612-20		74
131	Caspase-3 detection in human testicular spermatozoa from azoospermic and non-azoospermic patients. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e407-14		13
130	DNA methylation imprinting marks and DNA methyltransferase expression in human spermatogenic cell stages. <i>Epigenetics</i> , 2011 , 6, 1354-61	5.7	94
129	Statistical approach to prenatal zygosity assessment following a decade of molecular aneuploidy screening. <i>Twin Research and Human Genetics</i> , 2011 , 14, 221-7	2.2	2
128	Regucalcin is broadly expressed in male reproductive tissues and is a new androgen-target gene in mammalian testis. <i>Reproduction</i> , 2011 , 142, 447-56	3.8	26
127	Human endometrium ultrastructure during the implantation window: a new perspective of the epithelium cell types. <i>Reproductive Sciences</i> , 2011 , 18, 525-39	3	18
126	Ex vivo differentiation of natural killer cells from human umbilical cord blood CD34+ progenitor cells. <i>Cell Communication and Adhesion</i> , 2011 , 18, 45-55		10
125	Replication in distributed systems using IEC 61499 standard 2010 ,		1
124	Mutational characterization of steroid 21-hydroxylase gene in Portuguese patients with congenital adrenal hyperplasia. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2010 , 118, 505-12	2.3	10
123	Aneuploidies detection in miscarriages and fetal deaths using multiplex ligation-dependent probe amplification: an alternative for speeding up results?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010 , 153, 151-5	2.4	24
122	Methylation defects of imprinted genes in human testicular spermatozoa. <i>Fertility and Sterility</i> , 2010 , 94, 585-94	4.8	97

121	Association of cystic fibrosis genetic modifiers with congenital bilateral absence of the vas deferens. <i>Fertility and Sterility</i> , 2010 , 94, 2122-7	4.8	17
120	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, 425-30	3.7	11
119	Gene expression pattern of IGF2, PHLDA2, PEG10 and CDKN1C imprinted genes in spontaneous miscarriages or fetal deaths. <i>Epigenetics</i> , 2010 , 5, 444-50	5.7	39
118	Comparative ultrastructural analysis of diestrous and anestrus canine Grade 1 cumulus-oocyte complexes. <i>Animal Reproduction Science</i> , 2010 , 122, 244-52	2.1	5
117	A middleware to support dynamic reconfiguration of real-time networks 2010 ,		5
116	Application of touch FISH in the study of mosaic tetraploidy and maternal cell contamination in pregnancy losses. <i>Journal of Assisted Reproduction and Genetics</i> , 2010 , 27, 657-62	3.4	9
115	Proposed corrections to the IEC 61131-3 standard. <i>Computer Standards and Interfaces</i> , 2010 , 32, 312-320	3.5	10
114	Fine structure of the branchial epithelium in the teleost <i>Oreochromis niloticus</i> . <i>Journal of Morphology</i> , 2010 , 271, 621-33	1.6	15
113	An immunohistochemical study of gill epithelium cells in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Folia Histochemica Et Cytobiologica</i> , 2010 , 48, 112-21	1.4	6
112	Intracellular pH regulation in human Sertoli cells: role of membrane transporters. <i>Reproduction</i> , 2009 , 137, 353-9	3.8	46
111	Estrogen Receptors α and β in Human Testis: Both Isoforms are Expressed. <i>Systems Biology in Reproductive Medicine</i> , 2009 , 55, 137-144	2.9	2
110	Membrane transporters and cytoplasmatic pH regulation on bovine Sertoli cells. <i>Journal of Membrane Biology</i> , 2009 , 227, 49-55	2.3	27
109	A stereological study of copper toxicity in gills of <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 213-223	7	26
108	An efficient protocol for the detection of chromosomal abnormalities in spontaneous miscarriages or foetal deaths. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2009 , 147, 144-50	2.4	30
107	Ultrastructural characterization of fresh and cryopreserved in vivo produced ovine embryos. <i>Theriogenology</i> , 2009 , 71, 947-58	2.8	19
106	Copper toxicity in gills of the teleost fish, <i>Oreochromis niloticus</i> : effects in apoptosis induction and cell proliferation. <i>Aquatic Toxicology</i> , 2009 , 94, 219-28	5.1	54
105	Impact of GnRH ovarian stimulation protocols on intracytoplasmic sperm injection outcomes. <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 5	5	23
104	Phosphatidylserine translocation in human spermatozoa from impaired spermatogenesis. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 770-7	4	18

103	Estrogen receptors alpha and beta in human testis: both isoforms are expressed. <i>Systems Biology in Reproductive Medicine</i> , 2009 , 55, 137-44	2.9	45
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