

# Mãrio Sousa

## List of Publications by Year in descending order

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271  
papers

8,036  
citations

47006

47  
h-index

74163

75  
g-index

273  
all docs

273  
docs citations

273  
times ranked

7003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of Replicated Distributed Control Systems Applications Based on IEC 61499. Lecture Notes in Mechanical Engineering, 2022, , 301-312.	0.4	0
2	Pregnancy Achievement by Medical Assisted Reproduction Is Correlated to the G Protein-Coupled Receptor 30 mRNA Abundance in Human Spermatozoa. Applied Sciences (Switzerland), 2022, 12, 3240.	2.5	0
3	The Role of ROS as a Double-Edged Sword in (In)Fertility: The Impact of Cancer Treatment. Cancers, 2022, 14, 1585.	3.7	16
4	Integrating Whole-Genome Sequencing in Clinical Genetics: A Novel Disruptive Structural Rearrangement Identified in the Dystrophin Gene (DMD). International Journal of Molecular Sciences, 2022, 23, 59.	4.1	3
5	New evidences of ubiquitinâ€“proteasome system activity in human sperm. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118932.	4.1	0
6	Towards a Distributed Learning Architecture for Securing ISP Home Customers. IFIP Advances in Information and Communication Technology, 2021, , 311-322.	0.7	0
7	Awake repositioning among COVID patients. Journal of Applied Sciences and Clinical Practice, 2021, 2, 66.	0.0	0
8	Effect of Leptin in Human Sertoli Cells Mitochondrial Physiology. Reproductive Sciences, 2021, 28, 920-931.	2.5	4
9	Clinical outcomes of 77 TESE treatment cycles in non-mosaic Klinefelter syndrome patients. Jornal Brasileiro De Reproducao Assistida, 2021, , .	0.7	3
10	Bioinformatics and Computational Tools for Next-Generation Sequencing Analysis in Clinical Genetics. Journal of Clinical Medicine, 2020, 9, 132.	2.4	126
11	Novel ultrastructural findings in bovine oocytes matured inÂvitro. Theriogenology, 2020, 143, 88-97.	2.1	8
12	Unveiling the genetic etiology of primary ciliary dyskinesia: When standard genetic approach is not enough. Advances in Medical Sciences, 2020, 65, 1-11.	2.1	4
13	Epimutations in human sperm from patients with impaired spermatogenesis. Clinical Epigenetics, 2020, 12, 172.	4.1	0
14	Discordance between human sperm quality and telomere length following differential gradient separation/swim-up. Journal of Assisted Reproduction and Genetics, 2020, 37, 2581-2603.	2.5	11
15	Mitochondrial Activation and Reactive Oxygen-Species Overproduction during Sperm Capacitation are Independent of Glucose Stimuli. Antioxidants, 2020, 9, 750.	5.1	25
16	Metabolic diseases affect male reproduction and induce signatures in gametes that may compromise the offspring health. Environmental Epigenetics, 2020, 6, dvaa019.	1.8	10
17	Twin Pregnancies, Crown-rump Length and Birthweight Discordancy: The Influence of Chorionicity. Revista Brasileira De Ginecologia E Obstetricia, 2020, 42, 529-534.	0.8	3
18	Use of antioxidant could ameliorate the negative impact of etoposide on human sperm DNA during chemotherapy. Reproductive BioMedicine Online, 2020, 40, 856-866.	2.4	7

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19	Late-onset hypogonadism and lifestyle-related metabolic disorders. <i>Andrology</i> , 2020, 8, 1530-1538.	3.5	25
20	Stereological study of organelle distribution in human oocytes at metaphase I. <i>Zygote</i> , 2020, 28, 308-317.	1.1	3
21	mTOR Signaling Pathway Regulates Sperm Quality in Older Men. <i>Cells</i> , 2019, 8, 629.	4.1	18
22	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.	2.5	23
23	Clinical and Genetic Analysis of Children with Kartagener Syndrome. <i>Cells</i> , 2019, 8, 900.	4.1	26
24	L-Theanine promotes cultured human Sertoli cells proliferation and modulates glucose metabolism. <i>European Journal of Nutrition</i> , 2019, 58, 2961-2970.	3.9	21
25	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.	5.4	28
26	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.	1.5	4
27	Protective role of N-acetylcysteine (NAC) on human sperm exposed to etoposide. <i>Basic and Clinical Andrology</i> , 2019, 29, 3.	1.9	6
28	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.	4.7	23
29	Role of Reactive Oxygen Species in Diabetes-Induced Male Reproductive Dysfunction. , 2019, , 135-147.		6
30	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.	2.8	23
31	Shedding light into the relevance of telomeres in human reproduction and male factor infertility. <i>Biology of Reproduction</i> , 2019, 100, 318-330.	2.7	14
32	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.	0.9	49
33	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.	2.4	8
34	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
35	Insights into leptin signaling and male reproductive health: the missing link between overweight and subfertility?. <i>Biochemical Journal</i> , 2018, 475, 3535-3560.	3.7	13
36	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.	0.5	2

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37	Pineal Gland and Melatonin Biosynthesis. , 2018, , 465-471.		0
38	Pineal Gland and Regulatory Function. , 2018, , 472-477.		0
39	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.	3.8	34
40	<i>LAMA2</i> gene mutation update: Toward a more comprehensive picture of the laminin- $\beta$ 2 variome and its related phenotypes. <i>Human Mutation</i> , 2018, 39, 1314-1337.	2.5	71
41	Major regulatory mechanisms involved in sperm motility. <i>Asian Journal of Andrology</i> , 2017, 19, 5.	1.6	178
42	Mammalian target of rapamycin (mTOR): a central regulator of male fertility?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017, 52, 235-253.	5.2	34
43	The new neuromuscular disease related with defects in the <sc>ASC</sc>â€1 complex: report of a second case confirms <i>ASCC1</i> involvement. <i>Clinical Genetics</i> , 2017, 92, 434-439.	2.0	23
44	Body mass index is associated with region-dependent metabolic reprogramming of adipose tissue. <i>BBA Clinical</i> , 2017, 8, 1-6.	4.1	19
45	Obesity, energy balance and spermatogenesis. <i>Reproduction</i> , 2017, 153, R173-R185.	2.6	75
46	<sc>DNA</sc> methylation imprinting errors in spermatogenic cells from maturation arrest azoospermic patients. <i>Andrology</i> , 2017, 5, 451-459.	3.5	15
47	Implications of epigallocatechin-3-gallate in cultured human Sertoli cells glycolytic and oxidative profile. <i>Toxicology in Vitro</i> , 2017, 41, 214-222.	2.4	13
48	Glycerol and testicular activity: the good, the bad and the ugly. <i>Molecular Human Reproduction</i> , 2017, 23, 725-737.	2.8	14
49	Exonization of an Intronic LINE-1 Element Causing Becker Muscular Dystrophy as a Novel Mutational Mechanism in Dystrophin Gene. <i>Genes</i> , 2017, 8, 253.	2.4	25
50	Assessing Male Reproductive Toxicity during Drug Development. , 2017, 06, .		6
51	Y-chromosome microdeletions in nonobstructive azoospermia and severe oligozoospermia. <i>Asian Journal of Andrology</i> , 2017, 19, 338.	1.6	39
52	Fertility and Sperm Quality in the Aging Male. <i>Current Pharmaceutical Design</i> , 2017, 23, 4429-4437.	1.9	74
53	Homozygosity Mapping using Whole-Exome Sequencing: A Valuable Approach for Pathogenic Variant Identification in Genetic Diseases. , 2017, , .		3
54	Corino de Andrade disease: mechanisms and impact on reproduction. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2017, 21, 105-114.	0.7	3

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55	Ultrastructural Characterization of Fresh and Vitrified <i>In Vitro</i> and <i>In Vivo</i> -Produced Sheep Embryos. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2016, 45, 231-239.	0.7	8
56	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?. <i>Biology of the Cell</i> , 2016, 108, 179-188.	2.0	23
57	A stereological study on organelle distribution in human oocytes at prophase I. <i>Zygote</i> , 2016, 24, 346-354.	1.1	8
58	Expression of Estrogen Receptors Alpha (ER- $\alpha$ ), Beta (ER- $\beta$ ), and G Protein-Coupled Receptor 30 (GPR30) in Testicular Tissue of Men with Klinefelter Syndrome. <i>Hormone and Metabolic Research</i> , 2016, 48, 413-415.	1.5	13
59	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
60	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.	3.2	35
61	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.	2.8	27
62	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
63	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , 2016, 83, 208-216.	2.0	14
64	New massive parallel sequencing approach improves the genetic characterization of congenital myopathies. <i>Journal of Human Genetics</i> , 2016, 61, 497-505.	2.3	15
65	Mammalian target of rapamycin controls glucose consumption and redox balance in human Sertoli cells. <i>Fertility and Sterility</i> , 2016, 105, 825-833.e3.	1.0	25
66	First transplantation of cryopreserved ovarian tissue in Portugal, stored for 10 years: an unexpected indication. <i>Reproductive BioMedicine Online</i> , 2016, 32, 334-336.	2.4	17
67	Are Polyphenols Strong Dietary Agents Against Neurotoxicity and Neurodegeneration?. <i>Neurotoxicity Research</i> , 2016, 30, 345-366.	2.7	47
68	New insights on hormones and factors that modulate Sertoli cell metabolism. <i>Histology and Histopathology</i> , 2016, 31, 499-513.	0.7	28
69	Sirtuins: Novel Players in Male Reproductive Health. <i>Current Medicinal Chemistry</i> , 2016, 23, 1084-1099.	2.4	24
70	Male fertility and obesity: are ghrelin, leptin and glucagon-like peptide-1 pharmacologically relevant?. <i>Current Pharmaceutical Design</i> , 2016, 22, 783-791.	1.9	41
71	An ultrastructural study of ejaculated spermatozoa from three patients presenting total sperm immotility. <i>Microscopy and Microanalysis</i> , 2015, 21, 24-25.	0.4	0
72	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

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73	Ovarian hyperstimulation syndrome: a clinical report on 4894 consecutive ART treatment cycles. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 66.	3.3	32
74	Rare double sex and mab-3-related transcription factor 1 regulatory variants in severe spermatogenic failure. <i>Andrology</i> , 2015, 3, 825-833.	3.5	17
75	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. <i>Current Pharmaceutical Design</i> , 2015, 21, 3606-3620.	1.9	60
76	Tuberculose Urinária: Graves Complicações Podem Ocorrer com um Diagnóstico Tardio. <i>Acta Medica Portuguesa</i> , 2015, 28, 382-385.	0.4	3
77	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, 305-312.	2.3	33
78	Metabolic fingerprints in testicular biopsies from type 1 diabetic patients. <i>Cell and Tissue Research</i> , 2015, 362, 431-440.	2.9	20
79	Sertoli cell as a model in male reproductive toxicology: Advantages and disadvantages. <i>Journal of Applied Toxicology</i> , 2015, 35, 870-883.	2.8	65
80	Ultrastructural analysis of five patients with total sperm immotility. <i>Zygote</i> , 2015, 23, 900-907.	1.1	11
81	Sperm DNA fragmentation is related to sperm morphological staining patterns. <i>Reproductive BioMedicine Online</i> , 2015, 31, 506-515.	2.4	18
82	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.	0.3	0
83	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.	2.5	11
84	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
85	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.	3.8	69
86	Mutation analysis in patients with total sperm immotility. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 893-902.	2.5	36
87	Ultrastructural characterization of <i>in vivo</i> -produced ovine morulae and blastocysts. <i>Zygote</i> , 2015, 23, 583-593.	1.1	2
88	Effect of <i>in vitro</i> exposure to lead chloride on semen quality and sperm DNA fragmentation. <i>Zygote</i> , 2015, 23, 384-393.	1.1	19
89	The role of estrogens and estrogen receptor signaling pathways in cancer and infertility: the case of schistosomes. <i>Trends in Parasitology</i> , 2015, 31, 246-250.	3.3	28
90	Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: Relevance for male fertility. <i>Toxicology</i> , 2015, 328, 12-20.	4.2	70

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91	The Mutational Spectrum of <i>WT1</i> in Male Infertility. <i>Journal of Urology</i> , 2015, 193, 1709-1715.	0.4	11
92	Embryological, clinical and ultrastructural study of human oocytes presenting indented zona pellucida. <i>Zygote</i> , 2015, 23, 145-157.	1.1	31
93	DNA fragmentation in human sperm after magnetic-activated cell sorting. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 147-154.	2.5	56
94	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
95	Impact of Metformin on Male Reproduction. <i>Current Pharmaceutical Design</i> , 2015, 21, 3621-3633.	1.9	25
96	CFTR Regulation of Aquaporin-Mediated Water Transport: A Target in Male Fertility. <i>Current Drug Targets</i> , 2015, 16, 993-1006.	2.1	18
97	NGS and Male Infertility: Biomarkers Wanted. <i>Annual Research &amp; Review in Biology</i> , 2015, 8, 1-4.	0.4	1
98	Urinary Estrogen Metabolites and Self-Reported Infertility in Women Infected with <i>Schistosoma haematobium</i> . <i>PLoS ONE</i> , 2014, 9, e96774.	2.5	27
99	A molecular approach to sperm immotility in humans: A review. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2014, 1, 15-25.	0.1	1
100	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, 623-631.	3.5	68
101	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.	3.4	28
102	Physiology of Na <sup>+</sup> /H <sup>+</sup> Exchangers in the Male Reproductive Tract: Relevance for Male Fertility. <i>Biology of Reproduction</i> , 2014, 91, 11.	2.7	37
103	New biomarkers to fight urogenital schistosomiasis: a major neglected tropical disease. <i>Biomarkers in Medicine</i> , 2014, 8, 1061-1063.	1.4	9
104	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.	2.1	25
105	Expression pattern of G protein-coupled receptor 30 in human seminiferous tubular cells. <i>General and Comparative Endocrinology</i> , 2014, 201, 16-20.	1.8	21
106	Molecular Cytogenetics of Human Single Pronucleated Zygotes. <i>Reproductive Sciences</i> , 2014, 21, 1472-1482.	2.5	24
107	Epidemiologic study of infertility: Report of the hospital centre of St. John, Porto. <i>Revista Internacional De Andrología</i> , 2014, 12, 123-131.	0.3	0
108	Reviewing Large LAMA2 Deletions and Duplications in Congenital Muscular Dystrophy Patients. <i>Journal of Neuromuscular Diseases</i> , 2014, 1, 169-179.	2.6	14

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109	A novel Alu-mediated microdeletion at 11p13 removes WT1 in a patient with cryptorchidism and azoospermia. <i>Reproductive BioMedicine Online</i> , 2014, 29, 388-391.	2.4	18
110	Identification of androgen receptor variants in testis from humans and other vertebrates. <i>Andrologia</i> , 2013, 45, 187-194.	2.1	10
111	Caspase signalling pathways in human spermatogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 487-495.	2.5	37
112	OMICS of Human Sperm: Profiling Protein Phosphatases. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 460-472.	2.0	13
113	Expression of stem cell markers: OCT4, KIT, ITGA6, and ITGB1 in the male germinal epithelium. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 233-243.	2.1	19
114	Immunohistochemical analysis of CFTR in normal and disrupted spermatogenesis. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 53-59.	2.1	17
115	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.	3.5	118
116	Molecular Basis of Bicarbonate Membrane Transport in the Male Reproductive Tract. <i>Current Medicinal Chemistry</i> , 2013, 20, 4037-4049.	2.4	26
117	Sperm Epigenetic Profile. , 2013, , 377-394.		0
118	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
119	Expression Analysis of MLH3, MLH1, and MSH4 in Maturation Arrest. <i>Reproductive Sciences</i> , 2012, 19, 587-596.	2.5	5
120	Biomarkers Expression in Human Seminiferous Epithelium. <i>Microscopy and Microanalysis</i> , 2012, 18, 15-16.	0.4	0
121	Ultraestrutura de um caso de astenozoospermia. <i>Revista Internacional De Andrologia</i> , 2012, 10, 156-159.	0.3	2
122	Data-type checking of IEC61131-3 ST and IL applications. , 2012, , .		7
123	Regucalcin, a calcium-binding protein with a role in male reproduction?. <i>Molecular Human Reproduction</i> , 2012, 18, 161-170.	2.8	35
124	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, 84-89.	2.4	108
125	AZFb microdeletions and oligozoospermia— which mechanisms?. <i>Fertility and Sterility</i> , 2012, 97, 858-863.	1.0	50
126	Pyruvate dehydrogenase complex: mRNA and protein expression patterns of E1 $\beta$ subunit genes in human spermatogenesis. <i>Gene</i> , 2012, 506, 173-178.	2.2	8



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127	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.	0.4	11
128	Genetic regulation on <i>ex vivo</i> differentiated natural killer cells from human umbilical cord blood CD34 <sup>+</sup> cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 238-249.	2.5	6
129	Outcomes of human blastocyst transfer after slow-freezing using sequential culture: a clinical report. <i>Archives of Gynecology and Obstetrics</i> , 2012, 285, 1473-1478.	1.7	3
130	In vitro cultured human Sertoli cells secrete high amounts of acetate that is stimulated by 17 $\beta$ -estradiol and suppressed by insulin deprivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1389-1394.	4.1	63
131	Comparative study of gene expression in patients with varicocele by microarray technology. <i>Andrologia</i> , 2012, 44, 260-265.	2.1	11
132	Cryopreservation of human testicular diploid germ cell suspensions. <i>Andrologia</i> , 2012, 44, 366-372.	2.1	32
133	Sperm Epigenetic Profile. , 2011, , 243-257.		1
134	Ultrastructural and cytochemical characterization of follicular cell types in bovine ( <i>Bos taurus</i> ) cumulus <sup>o</sup> oocyte complexes aspirated from small and medium antral follicles during the estrus cycle. <i>Animal Reproduction Science</i> , 2011, 123, 23-31.	1.5	4
135	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.	1.0	73
136	Apoptosis-inhibitor Aven is downregulated in defective spermatogenesis and a novel estrogen target gene in mammalian testis. <i>Fertility and Sterility</i> , 2011, 96, 745-750.	1.0	22
137	Aneuploidies Detection in Miscarriages and Fetal Deaths Using Multiplex Ligation-Dependent Probe Amplification: An Alternative for Speeding up Results?. <i>Obstetrical and Gynecological Survey</i> , 2011, 66, 139-141.	0.4	0
138	Influence of 5 $\alpha$ -dihydrotestosterone and 17 $\beta$ -estradiol on human Sertoli cells metabolism. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e612-e620.	3.6	82
139	Caspase-3 detection in human testicular spermatozoa from azoospermic and non-azoospermic patients. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e407-e414.	3.6	15
140	DNA methylation imprinting marks and DNA methyltransferase expression in human spermatogenic cell stages. <i>Epigenetics</i> , 2011, 6, 1354-1361.	2.7	118
141	Statistical Approach to Prenatal Zygoty Assessment Following a Decade of Molecular Aneuploidy Screening. <i>Twin Research and Human Genetics</i> , 2011, 14, 221-227.	0.6	2
142	Regucalcin is broadly expressed in male reproductive tissues and is a new androgen-target gene in mammalian testis. <i>Reproduction</i> , 2011, 142, 447-456.	2.6	34
143	Human Endometrium Ultrastructure During the Implantation Window: A New Perspective of the Epithelium Cell Types. <i>Reproductive Sciences</i> , 2011, 18, 525-539.	2.5	24
144	Ex vivo differentiation of natural killer cells from human umbilical cord blood CD34 <sup>+</sup> progenitor cells. <i>Cell Communication and Adhesion</i> , 2011, 18, 45-55.	1.0	12

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145	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, 657-662.	2.5	11
146	Proposed corrections to the IEC 61131-3 standard. <i>Computer Standards and Interfaces</i> , 2010, 32, 312-320.	5.4	16
147	Fine structure of the branchial epithelium in the teleost <i>Oreochromis niloticus</i> . <i>Journal of Morphology</i> , 2010, 271, 621-633.	1.2	17
148	Replication in distributed systems using IEC 61499 standard. , 2010, , .		3
149	Analyzing the compatibility between ISA 88 and IEC 61499. , 2010, , .		4
150	Mutational Characterization of Steroid 21-Hydroxylase Gene in Portuguese patients with Congenital Adrenal Hyperplasia. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2010, 118, 505-512.	1.2	12
151	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, 151-155.	1.1	25
152	Methylation defects of imprinted genes in human testicular spermatozoa. <i>Fertility and Sterility</i> , 2010, 94, 585-594.	1.0	114
153	Association of cystic fibrosis genetic modifiers with congenital bilateral absence of the vas deferens. <i>Fertility and Sterility</i> , 2010, 94, 2122-2127.	1.0	20
154	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
155	Gene expression pattern of <i>IGF2</i> , <i>PHLDA2</i> , <i>PEG10</i> and <i>CDKN1C</i> imprinted genes in spontaneous miscarriages or fetal deaths. <i>Epigenetics</i> , 2010, 5, 444-450.	2.7	51
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