

Alberto Barros

List of Publications by Year in descending order

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147
papers

4,987
citations

87888

38
h-index

114465

63
g-index

148
all docs

148
docs citations

148
times ranked

4570
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal methylation of imprinted genes in human sperm is associated with oligozoospermia. <i>Molecular Human Reproduction</i> , 2008, 14, 67-74.	2.8	330
2	Genomic imprinting in disruptive spermatogenesis. <i>Lancet, The</i> , 2004, 363, 1700-1702.	13.7	321
3	Major regulatory mechanisms involved in sperm motility. <i>Asian Journal of Andrology</i> , 2017, 19, 5.	1.6	178
4	High frequency of DAZ1/DAZ2 gene deletions in patients with severe oligozoospermia. <i>Molecular Human Reproduction</i> , 2002, 8, 286-298.	2.8	153
5	High deletion frequency of the complete AZFa sequence in men with Sertoli-cell-only syndrome. <i>Molecular Human Reproduction</i> , 2001, 7, 987-994.	2.8	148
6	Developmental potential of human spermatogenic cells co-cultured with Sertoli cells. <i>Human Reproduction</i> , 2002, 17, 161-172.	0.9	121
7	DNA methylation imprinting marks and DNA methyltransferase expression in human spermatogenic cell stages. <i>Epigenetics</i> , 2011, 6, 1354-1361.	2.7	118
8	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
9	Methylation defects of imprinted genes in human testicular spermatozoa. <i>Fertility and Sterility</i> , 2010, 94, 585-594.	1.0	114
10	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
11	Predictive value of testicular histology in secretory azoospermic subgroups and clinical outcome after microinjection of fresh and frozen-thawed sperm and spermatids. <i>Human Reproduction</i> , 2002, 17, 1800-1810.	0.9	107
12	In-vitro maturation of round spermatids using co-culture on Vero cells. <i>Human Reproduction</i> , 1999, 14, 1287-1293.	0.9	91
13	Calcium responses of human oocytes after intracytoplasmic injection of leukocytes, spermatocytes and round spermatids. <i>Molecular Human Reproduction</i> , 1996, 2, 853-857.	2.8	89
14	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-e620.	3.6	82
15	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
16	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
17	Characterization of microbiota in male infertility cases uncovers differences in seminal hyperviscosity and oligoasthenoteratozoospermia possibly correlated with increased prevalence of infectious bacteria. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12838.	1.2	70
18	Developmental potential of elongating and elongated spermatids obtained after in-vitro maturation of isolated round spermatids. <i>Human Reproduction</i> , 2001, 16, 1938-1944.	0.9	68

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19	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
20	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, 1389-1394.	4.1	63
21	Developmental changes in calcium content of ultrastructurally distinct subcellular compartments of preimplantation human embryos. <i>Molecular Human Reproduction</i> , 1997, 3, 83-90.	2.8	58
22	Unique (Y;13) translocation in a male with oligozoospermia: cytogenetic and molecular studies. <i>European Journal of Human Genetics</i> , 2002, 10, 467-474.	2.8	56
23	Estrogen Receptors α and β in Human Testis: Both Isoforms are Expressed. <i>Systems Biology in Reproductive Medicine</i> , 2009, 55, 137-144.	2.1	56
24	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
25	Current problems with spermatid conception. <i>Human Reproduction</i> , 1998, 13, 255-258.	0.9	54
26	Intracellular pH regulation in human Sertoli cells: role of membrane transporters. <i>Reproduction</i> , 2009, 137, 353-359.	2.6	52
27	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
28	AZFb microdeletions and oligozoospermia— which mechanisms?. <i>Fertility and Sterility</i> , 2012, 97, 858-863.	1.0	50
29	The Complexities in Genotyping of Congenital Adrenal Hyperplasia: 21-Hydroxylase Deficiency. <i>Frontiers in Endocrinology</i> , 2019, 10, 432.	3.5	50
30	Quantitative study of caspase-3 activity in semen and after swim-up preparation in relation to sperm quality. <i>Human Reproduction</i> , 2005, 20, 1307-1313.	0.9	48
31	Clinical efficacy of spermatid conception: analysis using a new spermatid classification scheme. <i>Human Reproduction</i> , 1999, 14, 1279-1286.	0.9	46
32	Characterization of cystic fibrosis conductance transmembrane regulator gene mutations and IVS8 poly(T) variants in Portuguese patients with congenital absence of the vas deferens. <i>Human Reproduction</i> , 2004, 19, 2502-2508.	0.9	45
33	Experimental vitrification of human compacted morulae and early blastocysts using fine diameter plastic micropipettes. <i>Human Reproduction</i> , 2004, 19, 300-305.	0.9	44
34	Unique t(Y;1)(q12;q12) reciprocal translocation with loss of the heterochromatic region of chromosome 1 in a male with azoospermia due to meiotic arrest: a case report. <i>Human Reproduction</i> , 2005, 20, 689-696.	0.9	44
35	Developmental changes in calcium dynamics, protein kinase C distribution and endoplasmic reticulum organization in human preimplantation embryos. <i>Molecular Human Reproduction</i> , 1996, 2, 967-977.	2.8	42
36	Preimplantation embryology. <i>Molecular Human Reproduction</i> , 1996, 2, 265-272.	2.8	42

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37	AZF and DAZ gene copy-specific deletion analysis in maturation arrest and Sertoli cell-only syndrome. <i>Molecular Human Reproduction</i> , 2004, 10, 755-761.	2.8	39
38	Identification of new breakpoints in AZFb and AZFc. <i>Molecular Human Reproduction</i> , 2008, 14, 251-258.	2.8	39
39	Y-chromosome microdeletions in nonobstructive azoospermia and severe oligozoospermia. <i>Asian Journal of Andrology</i> , 2017, 19, 338.	1.6	39
40	A de novo paradigm for male infertility. <i>Nature Communications</i> , 2022, 13, 154.	12.8	38
41	Caspase signalling pathways in human spermatogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 487-495.	2.5	37
42	Mutation analysis in patients with total sperm immotility. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 893-902.	2.5	36
43	Regucalcin, a calcium-binding protein with a role in male reproduction?. <i>Molecular Human Reproduction</i> , 2012, 18, 161-170.	2.8	35
44	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
45	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
46	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
47	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, 144-150.	1.1	33
48	Ovarian hyperstimulation syndrome: a clinical report on 4894 consecutive ART treatment cycles. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 66.	3.3	32
49	Membrane Transporters and Cytoplasmatic pH Regulation on Bovine Sertoli Cells. <i>Journal of Membrane Biology</i> , 2009, 227, 49-55.	2.1	31
50	Impact of GnRH ovarian stimulation protocols on intracytoplasmic sperm injection outcomes. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 5.	3.3	31
51	Efficient modification of intracytoplasmic sperm injection technique for cases with total lack of sperm movement. <i>Human Reproduction</i> , 1997, 12, 1227-1229.	0.9	30
52	Molecular characterization of the cystic fibrosis transmembrane conductance regulator gene in congenital absence of the vas deferens. <i>Genetics in Medicine</i> , 2007, 9, 163-172.	2.4	29
53	Preimplantation genetic diagnosis for familial amyloidotic polyneuropathy (FAP). <i>Prenatal Diagnosis</i> , 2001, 21, 1093-1099.	2.3	28
54	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

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55	Pregnancy and birth after intracytoplasmic sperm injection with totally immotile sperm recovered from the ejaculate. <i>Fertility and Sterility</i> , 1997, 67, 1091-1094.	1.0	27
56	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
57	Molecular Basis of Bicarbonate Membrane Transport in the Male Reproductive Tract. <i>Current Medicinal Chemistry</i> , 2013, 20, 4037-4049.	2.4	26
58	Cytological and Expression Studies and Quantitative Analysis of the Temporal and Stage-Specific Effects of Follicle-Stimulating Hormone and Testosterone During Cocultures of the Normal Human Seminiferous Epithelium1. <i>Biology of Reproduction</i> , 2008, 79, 962-975.	2.7	25
59	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
60	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
61	Mitochondrial Activation and Reactive Oxygen-Species Overproduction during Sperm Capacitation are Independent of Glucose Stimuli. <i>Antioxidants</i> , 2020, 9, 750.	5.1	25
62	Effects of protein kinase C activation and inhibition on sperm, thimerosal-, and ryanodine-induced calcium responses of human oocytes. <i>Molecular Human Reproduction</i> , 1996, 2, 699-708.	2.8	24
63	Molecular Cytogenetics of Human Single Pronucleated Zygotes. <i>Reproductive Sciences</i> , 2014, 21, 1472-1482.	2.5	24
64	Preimplantation genetic diagnosis using FISH for carriers of Robertsonian translocations: the Portuguese experience. <i>Prenatal Diagnosis</i> , 2002, 22, 1153-1162.	2.3	23
65	DAZ gene copies: evidence of Y chromosome evolution. <i>Molecular Human Reproduction</i> , 2006, 12, 519-523.	2.8	23
66	Estradiol modulates Na ⁺ -dependent HCO ₃ ⁻ transporters altering intracellular pH and ion transport in human Sertoli cells: A role on male fertility?. <i>Biology of the Cell</i> , 2016, 108, 179-188.	2.0	23
67	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
68	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
69	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
70	Sperm selection strategies and their impact on assisted reproductive technology outcomes. <i>Andrologia</i> , 2021, 53, e13725.	2.1	23
71	Phosphatidylserine translocation in human spermatozoa from impaired spermatogenesis. <i>Reproductive BioMedicine Online</i> , 2009, 19, 770-777.	2.4	22
72	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

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73	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
74	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
75	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
76	Metabolic fingerprints in testicular biopsies from type 1 diabetic patients. <i>Cell and Tissue Research</i> , 2015, 362, 431-440.	2.9	20
77	Premature ovarian insufficiency: clinical orientations for genetic testing and genetic counseling. <i>Porto Biomedical Journal</i> , 2020, 5, e62.	1.0	20
78	Differential Distribution of Alzheimer's Amyloid Precursor Protein Family Variants in Human Sperm. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 196-206.	3.8	19
79	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
80	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
81	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
82	Sperm DNA fragmentation is related to sperm morphological staining patterns. <i>Reproductive BioMedicine Online</i> , 2015, 31, 506-515.	2.4	18
83	Immunohistochemical analysis of CFTR in normal and disrupted spermatogenesis. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 53-59.	2.1	17
84	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
85	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
86	DNA mismatch repair gene hMLH3 variants in meiotic arrest. <i>Fertility and Sterility</i> , 2007, 88, 1681-1684.	1.0	16
87	Birth After Electroejaculation Coupled to Intracytoplasmic Sperm Injection in a Gun-Shot Spinal Cord-Injured Man. <i>Archives of Andrology</i> , 1998, 41, 5-9.	1.0	15
88	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
89	A novel missense mutation P1290S at exon-20 of the CFTR gene in a Portuguese patient with congenital bilateral absence of the vas deferens. <i>Fertility and Sterility</i> , 2005, 83, 448-451.	1.0	14
90	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , 2016, 83, 208-216.	2.0	14

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91	Prognostic factors for successful testicle spermatid recover. <i>Molecular and Cellular Endocrinology</i> , 2000, 166, 37-43.	3.2	13
92	âœœOMICSâœœ of Human Sperm: Profiling Protein Phosphatases. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 460-472.	2.0	13
93	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
94	The effect of ICSI, maternal age, and embryonic stage on early clinical loss rate of twin versus singleton pregnancies. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2007, 130, 212-215.	1.1	12
95	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
96	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.	1.0	12
97	Comprehensive Genetic Analysis and Structural Characterization of CYP21A2 Mutations in CAH Patients. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 120, 535-539.	1.2	12
98	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
99	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
100	Comparative study of gene expression in patients with varicocele by microarray technology. <i>Andrologia</i> , 2012, 44, 260-265.	2.1	11
101	Ultrastructural analysis of five patients with total sperm immotility. <i>Zygote</i> , 2015, 23, 900-907.	1.1	11
102	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
103	The Mutational Spectrum of <i>WT1</i> in Male Infertility. <i>Journal of Urology</i> , 2015, 193, 1709-1715.	0.4	11
104	Sequence variation at <i>KLK</i> and <i>WFDC</i> clusters and its association to semen hyperviscosity and other male infertility phenotypes. <i>Human Reproduction</i> , 2016, 31, 2881-2891.	0.9	11
105	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.	2.5	11
106	Identification of androgen receptor variants in testis from humans and other vertebrates. <i>Andrologia</i> , 2013, 45, 187-194.	2.1	10
107	Evaluation of Male Fertility-Associated Loci in a European Population of Patients with Severe Spermatogenic Impairment. <i>Journal of Personalized Medicine</i> , 2021, 11, 22.	2.5	10
108	A complex balanced chromosomal rearrangement in repeated abortions. <i>Human Genetics</i> , 1987, 75, 388-390.	3.8	9

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109	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
110	Reproductive success of assisted reproductive technology in couples with chromosomal abnormalities. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 1471-1479.	2.5	9
111	Familial inv(1)(p36.3q12) associated with sterility.. <i>Journal of Medical Genetics</i> , 1986, 23, 90-91.	3.2	8
112	Molecular and Functional Characterization of CBAVD-Causing Mutations Located in CFTR Nucleotide-Binding Domains. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 079-092.	1.6	8
113	Pyruvate dehydrogenase complex: mRNA and protein expression patterns of E1 α subunit genes in human spermatogenesis. <i>Gene</i> , 2012, 506, 173-178.	2.2	8
114	A stereological study on organelle distribution in human oocytes at prophase I. <i>Zygote</i> , 2016, 24, 346-354.	1.1	8
115	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
116	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.	2.4	7
117	Genetic regulation on <i>ex vivo</i> differentiated natural killer cells from human umbilical cord blood CD34 ⁺ cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 238-249.	2.5	6
118	Protective role of N-acetylcysteine (NAC) on human sperm exposed to etoposide. <i>Basic and Clinical Andrology</i> , 2019, 29, 3.	1.9	6
119	Obesity-related genes are expressed in human Sertoli cells and modulated by energy homeostasis regulating hormones. <i>Journal of Cellular Physiology</i> , 2021, 236, 5265-5277.	4.1	6
120	Expression Analysis of MLH3, MLH1, and MSH4 in Maturation Arrest. <i>Reproductive Sciences</i> , 2012, 19, 587-596.	2.5	5
121	Effectiveness of a video-based education on fertility awareness: a randomized controlled trial with partnered women. <i>Human Fertility</i> , 2022, 25, 522-533.	1.7	5
122	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
123	Normal sperm in a 2;2 homologous male translocation carrier. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 665-668.	2.5	4
124	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
125	Perceived Threat of Infertility and Women's Intention to Anticipate Childbearing: The Mediating Role of Personally Perceived Barriers and Facilitators. <i>Journal of Clinical Psychology in Medical Settings</i> , 2021, 28, 457-467.	1.4	4
126	Expression of obesity-related genes in human spermatozoa affects the outcomes of reproductive treatments. <i>F&S Science</i> , 2021, 2, 164-175.	0.9	4

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127	Aging, hyaluronidase removal of the cumulus, and microinjection do not affect the sperm binding potential of human oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 1997, 14, 97-101.	2.5	3
128	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
129	Stereological study of organelle distribution in human oocytes at metaphase I. <i>Zygote</i> , 2020, 28, 308-317.	1.1	3
130	Corino de Andrade disease: mechanisms and impact on reproduction. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2017, 21, 105-114.	0.7	3
131	Clinical outcomes of 77 TESE treatment cycles in non-mosaic Klinefelter syndrome patients. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2021, , .	0.7	3
132	Spermatid Injection: Current Status. , 0, , 493-505.		2
133	Estrogen Receptors $\hat{1}\pm$ and $\hat{1}^2$ in Human Testis: Both Isoforms are Expressed. <i>Systems Biology in Reproductive Medicine</i> , 2009, 55, 137-144.	2.1	2
134	New ultrastructural observations of human oocyte smooth endoplasmic reticulum tubular aggregates and cortical reaction: update on the molecular mechanisms involved. <i>Revista Internacional De AndrologÃa</i> , 2016, 14, 113-122.	0.3	2
135	Spontaneous abortions after intraperitoneal or intrauterine insemination. <i>Lancet, The</i> , 1991, 337, 302.	13.7	1
136	A moral case study for discussion: designer babies and tissue typing. <i>Reproductive BioMedicine Online</i> , 2004, 9, 596-597.	2.4	1
137	Sperm Epigenetic Profile. , 2011, , 243-257.		1
138	Introduction and acknowledgements. <i>Molecular and Cellular Endocrinology</i> , 2000, 166, 1.	3.2	0
139	Addendum from Portugalâ€”how about an annotated IFFS surveillance for the millennium?. <i>Fertility and Sterility</i> , 2000, 73, 1064.	1.0	0
140	HaploidizaÃ§Ã£o. <i>Revista Internacional De AndrologÃa</i> , 2006, 4, 9-24.	0.3	0
141	Stereological Analysis of Mitochondria and Smooth Endoplasmic Reticulum Distribution in Human Oocytes at Prophase I. <i>Microscopy and Microanalysis</i> , 2008, 14, 103-104.	0.4	0
142	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
143	Biomarkers Expression in Human Seminiferous Epithelium. <i>Microscopy and Microanalysis</i> , 2012, 18, 15-16.	0.4	0
144	Inv21p12q22del21q22 and intellectual disability. <i>Gene</i> , 2013, 517, 120-124.	2.2	0

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145	Epimutations in human sperm from patients with impaired spermatogenesis. <i>Clinical Epigenetics</i> , 2020, 12, 172.	4.1	0
146	Sperm Epigenetic Profile. , 2013, , 377-394.		0
147	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.	2.5	0