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List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,237
citations

489802

18
h-index

445137

33
g-index

56
all docs

56
docs citations

56
times ranked

1946
citing authors

#	ARTICLE	IF	CITATIONS
1	Preconditioning of bull semen with sub-lethal oxidative stress before cryopreservation: Possible mechanism of mitochondrial uncoupling protein 2. <i>Cryobiology</i> , 2022, 104, 63-69.	0.3	3
2	Proteomics study reveals the molecular mechanisms underlying cryotolerance induced by mild sublethal stress in human sperm. <i>Cell and Tissue Research</i> , 2022, 387, 143-157.	1.5	9
3	Effect of Bovine Serum Albumin Supplementation in Tris-Soybean Lecithin-Based Extender on Quality of Chilled Ram Epididymal Spermatozoa. <i>Biopreservation and Biobanking</i> , 2021, 19, 33-40.	0.5	0
4	Manipulation of fatty acid profiles in roosters' testes, alteration in sexual hormones, improvements in testicular histology characteristics and elevation sperm quality factor by L-carnitine. <i>Theriogenology</i> , 2021, 161, 8-15.	0.9	4
5	Gene Expression Alteration of Sperm-Associated Antigens in Human Cryopreserved Sperm. <i>Biopreservation and Biobanking</i> , 2021, 19, 503-510.	0.5	3
6	Membrane lipid replacement with nano-micelles in human sperm cryopreservation improves post-thaw function and acrosome protein integrity. <i>Reproductive BioMedicine Online</i> , 2021, 43, 257-268.	1.1	11
7	Cryopreservation of rooster semen: Evidence for the epigenetic modifications of thawed sperm. <i>Theriogenology</i> , 2020, 142, 15-25.	0.9	28
8	The alteration of PLC β protein expression in unexplained infertile and asthenoteratozoospermic patients: A potential effect on sperm fertilization ability. <i>Molecular Reproduction and Development</i> , 2020, 87, 115-123.	1.0	18
9	The Relationship of Mitochondrial Membrane Potential, Reactive Oxygen Species, Adenosine Triphosphate Content, Sperm Plasma Membrane Integrity, and Kinematic Properties in Warmblood Stallions. <i>Journal of Equine Veterinary Science</i> , 2020, 94, 103267.	0.4	10
10	Inclusion of ovine enriched serum with vitamin E and polyunsaturated fatty acids in the freezing medium: a new strategy to improve human frozen-thawed sperm parameters. <i>Andrologia</i> , 2020, 52, e13541.	1.0	2
11	Knockout serum replacement is an efficient serum substitute for cryopreservation of human spermatozoa. <i>Cryobiology</i> , 2020, 92, 208-214.	0.3	11
12	A novel approach for human sperm cryopreservation with AFPIII. <i>Reproductive Biology</i> , 2020, 20, 169-174.	0.9	16
13	DGC/Zeta as A New Strategy to Improve Clinical Outcome in Male Factor Infertility Patients following Intracytoplasmic Sperm Injection: A Randomized, Single-Blind, Clinical Trial. <i>Cell Journal</i> , 2020, 22, 55-59.	0.2	2
14	Electromagnetic field in human sperm cryopreservation improves fertilizing potential of thawed sperm through physicochemical modification of water molecules in freezing medium. <i>PLoS ONE</i> , 2019, 14, e0221976.	1.1	6
15	Efficient and robust segmentation and tracking of sperm cells in microscopic image sequences. <i>IET Computer Vision</i> , 2019, 13, 489-499.	1.3	10
16	Comparison of polymerization and structural behavior of microtubules in rat brain and sperm affected by the extremely low-frequency electromagnetic field. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 41.	1.0	8
17	Suppression of transforming growth factor-beta signaling enhances spermatogonial proliferation and spermatogenesis recovery following chemotherapy. <i>Human Reproduction</i> , 2019, 34, 2430-2442.	0.4	14
18	Optimizing methods for human testicular tissue cryopreservation and spermatogonial stem cell isolation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 613-621.	1.2	24

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19	In vitro improvement of quail primordial germ cell expansion through activation of TGF β signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4309-4319.	1.2	9
20	Modified histogram-based segmentation and adaptive distance tracking of sperm cells image sequences. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 154, 173-182.	2.6	9
21	Supplementation of extender with coenzyme Q10 improves the function and fertility potential of rooster spermatozoa after cryopreservation. <i>Animal Reproduction Science</i> , 2018, 198, 193-201.	0.5	30
22	The effect of Verapamil on ischaemia/reperfusion injury in mouse ovarian tissue transplantation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1313-1319.	2.5	8
23	Dietary fish oil supplemented with vitamin E improves quality indicators of rooster cold-stored semen through reducing lipid peroxidation. <i>Cryobiology</i> , 2018, 84, 15-19.	0.3	19
24	Sperm cryopreservation: A review on current molecular cryobiology and advanced approaches. <i>Reproductive BioMedicine Online</i> , 2018, 37, 327-339.	1.1	240
25	Activator of Mitochondrial Aldehyde Dehydrogenase (Alda-1) Could Enhance Quality of Equine Cooled Semen by Ameliorating Loss of Mitochondrial Function Over Time. <i>Journal of Equine Veterinary Science</i> , 2018, 70, 63-70.	0.4	4
26	Proteomic analysis and microtubule dynamicity of human sperm in electromagnetic cryopreservation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9483-9497.	1.2	22
27	Lipid Peroxidation and Its Role in the Expression of NLRP1a and NLRP3 Genes in Testicular Tissue of Male Rats: a Model of Spinal Cord Injury. <i>Iranian Biomedical Journal</i> , 2018, 22, 151-9.	0.4	15
28	Microparticle-Mediated Delivery of BMP4 for Generation of Meiosis-Competent Germ Cells from Embryonic Stem Cells. <i>Macromolecular Bioscience</i> , 2017, 17, 1600284.	2.1	25
29	The Correlation of Gene Expression of Inflammasome Indicators and Impaired Fertility in Rat Model of Spinal Cord Injury: A Time Course Study. <i>Urology Journal</i> , 2017, 14, 5057-5063.	0.3	6
30	Generation of Mouse Spermatogonial Stem-Cell-Colonies in A Non-Adherent Culture. <i>Cell Journal</i> , 2017, 19, 238-249.	0.2	21
31	The Expression of TLR2 and TLR3 in Sertoli Cells of Azoospermic Patients. <i>Cell Journal</i> , 2017, 19, 375-385.	0.2	7
32	Restoration of ovarian tissue function and estrous cycle in rat after autotransplantation using hyaluronic acid hydrogel scaffold containing VEGF and bFGF. <i>Growth Factors</i> , 2016, 34, 97-106.	0.5	26
33	Hyaluronic acid-based hydrogel scaffold without angiogenic growth factors enhances ovarian tissue function after autotransplantation in rats. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 055006.	1.7	19
34	Comparison of apoptosis pathway following the use of two protocols for vitrification of immature mouse testicular tissue. <i>Theriogenology</i> , 2016, 86, 2073-2082.	0.9	18
35	Comparing the growth and the development of mouse pre-antral follicle in medium with PL (Platelet Tj ETQq1 1 0.784314 rgBT /Overdo	0.5	9
36	Transplantation of Autologous Bone Marrow Mesenchymal Stem Cells with Platelet-Rich Plasma Accelerate Distraction Osteogenesis in A Canine Model. <i>Cell Journal</i> , 2015, 17, 243-52.	0.2	20

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37	Generation of Rat Embryonic Germ Cells via Inhibition of TGF β and MEK Pathways. <i>Cell Journal</i> , 2015, 17, 288-95.	0.2	7
38	Efficient Induction of Pluripotency in Primordial Germ Cells by Dual Inhibition of TGF β 2 and ERK Signaling Pathways. <i>Stem Cells and Development</i> , 2014, 23, 1050-1061.	1.1	18
39	Dietary Fish Oil Can Change Sperm Parameters and Fatty Acid Profiles of Ram Sperm during Oil Consumption Period and after Removal of Oil Source. <i>Cell Journal</i> , 2014, 16, 289-98.	0.2	24
40	Relationship of leptin administration with production of reactive oxygen species, sperm DNA fragmentation, sperm parameters and hormone profile in the adult rat. <i>Archives of Gynecology and Obstetrics</i> , 2013, 287, 1241-1249.	0.8	36
41	Pregnancy in the Caspian Miniature Horse Using Frozen Semen Cryopreserved with the EquiPRO CryoGuard Freeze Medium and Customized Freezing Protocols. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 266-271.	0.4	1
42	Behavior of mouse spermatogonial stem-like cells on an electrospun nanofibrillar matrix. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 325-332.	1.2	28
43	Can permeable super oxide dismutase mimetic agents improve the quality of frozen-thawed ram semen?. <i>Cryobiology</i> , 2013, 66, 126-130.	0.3	33
44	In vitro maturation, fertilization and embryo culture of oocytes obtained from vitrified auto-transplanted mouse ovary. <i>International Journal of Fertility & Sterility</i> , 2013, 6, 278-85.	0.2	11
45	Enzymatic digestion improves testicular sperm retrieval in non-obstructive azoospermic patients. <i>Iranian Journal of Reproductive Medicine</i> , 2013, 11, 447-52.	0.8	7
46	Inhibition of glycogen synthase kinase-3 promotes efficient derivation of pluripotent stem cells from neonatal mouse testis. <i>Human Reproduction</i> , 2012, 27, 2312-2324.	0.4	11
47	Comparison of Neonatal and Adult Mice-derived Sertoli Cells in Support of Expansion of Mouse Spermatogonial Stem Cells In vitro. <i>International Journal of Fertility & Sterility</i> , 2012, 5, 217-24.	0.2	2
48	Effect of ovarian cyclic status on in vitro embryo production in cattle. <i>International Journal of Fertility & Sterility</i> , 2011, 4, 172-5.	0.2	6
49	Intraepidermal injection of dissociated epidermal cell suspension improves vitiligo. <i>Archives of Dermatological Research</i> , 2010, 302, 593-599.	1.1	31
50	Comparative study between intact and non-intact intramuscular auto-grafted mouse ovaries. <i>Reproductive BioMedicine Online</i> , 2009, 18, 53-60.	1.1	18
51	Proteomic Analysis of Monkey Embryonic Stem Cell during Differentiation. <i>Journal of Proteome Research</i> , 2009, 8, 1527-1539.	1.8	19
52	Human embryonic stem cell-derived neural precursor transplants in collagen scaffolds promote recovery in injured rat spinal cord. <i>Cytherapy</i> , 2009, 11, 618-630.	0.3	93
53	Safety Analysis and Improved Cardiac Function Following Local Autologous Transplantation of CD133+ Enriched Bone Marrow Cells After Myocardial Infarction. <i>Current Neurovascular Research</i> , 2007, 4, 153-160.	0.4	88
54	Can Vero cell co-culture improve in-vitro maturation of bovine oocytes?. <i>Reproductive BioMedicine Online</i> , 2006, 13, 404-411.	1.1	35

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55	Establishment and in vitro differentiation of a new embryonic stem cell line from human blastocyst. Differentiation, 2004, 72, 224-229.	1.0	81
56	Epigenetic modifications at DMRs of imprinting genes in sperm of type 2 diabetic men. Zygote, 0, , 1-10.	0.5	2