

Mehdi Abbasi

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

747
citations

567281

15
h-index

610901

24
g-index

56
all docs

56
docs citations

56
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 and Selenium Deficiency: a Systematic Review. <i>Biological Trace Element Research</i> , 2022, 200, 3945-3956.	3.5	42
2	Effect of Bioinductive Cavity Liners on Shear Bond Strength of Dental Composite to Dentin. <i>BioMed Research International</i> , 2022, 2022, 1-8.	1.9	6
3	<i>In vitro</i> elimination of EL4 cancer cells from spermatogonia stem cells by miRNA-143- and 206-loaded folic acid-conjugated PLGA nanoparticles. <i>Nanomedicine</i> , 2022, 17, 531-545.	3.3	3
4	Calcium silicate cement interface with restorative materials through layering after different time intervals. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 210-221.	1.9	3
5	Sertoli cell-only syndrome: etiology and clinical management. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 559-572.	2.5	18
6	Effect of fluoride varnish on glass ionomer microhardness changes in endogenous acid erosion challenge. <i>Biomaterial Investigations in Dentistry</i> , 2021, 8, 18-23.	1.8	3
7	Effect of Root Dentin Pretreatment on Micro-Push-Out Bond Strength of Fiber Posts to Root Canal Dentin: Cold Atmospheric Argon Plasma (CAAP) and Ethylenediaminetetraacetic Acid (EDTA). <i>International Journal of Dentistry</i> , 2021, 2021, 1-6.	1.5	2
8	Effect of Cold Atmospheric Pressure Plasma Coupled with Resin-Containing and Xylitol-Containing Fluoride Varnishes on Enamel Erosion. <i>International Journal of Dentistry</i> , 2021, 2021, 1-8.	1.5	3
9	The Germ Cell-Specific Markers ZPBP2 and PGK2 in Testicular Biopsies Can Predict the Presence as well as the Quality of Sperm in Non-obstructive Azoospermia Patients. <i>Reproductive Sciences</i> , 2021, 28, 1466-1475.	2.5	7
10	Evaluation of Compressive Strength of Several Pulp Capping Materials. <i>Journal of Dentistry</i> , 2021, 22, 41-47.	0.1	3
11	Effect of whitening toothpastes containing activated charcoal, abrasive particles, or hydrogen peroxide on the color of aged microhybrid composite.. <i>Dental Research Journal</i> , 2021, 18, 106.	0.6	0
12	Basal characterization and in vitro differentiation of putative stem cells derived from the adult mouse ovary. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 59-66.	1.5	5
13	Isolation, identification and differentiation of human spermatogonial cells on three-dimensional decellularized sheep testis. <i>Acta Histochemica</i> , 2020, 122, 151623.	1.8	12
14	Three-dimensional co-culture of human spermatogonial stem cells with Sertoli cells in soft agar culture system supplemented by growth factors and Laminin. <i>Acta Histochemica</i> , 2020, 122, 151572.	1.8	24
15	Interfacial Fracture Toughness Comparison of Three Indirect Resin Composites to Dentin and Polyether Ether Ketone Polymer. <i>European Journal of Dentistry</i> , 2020, 14, 456-461.	1.7	3
16	Application of platelet-rich plasma (PRP) improves self-renewal of human spermatogonial stem cells in two-dimensional and three-dimensional culture systems. <i>Acta Histochemica</i> , 2020, 122, 151627.	1.8	14
17	Evaluation of Enkephalin-Degrading Enzymes in Sperm from Heroin-Addicted Men. <i>International Journal of Fertility & Sterility</i> , 2020, 13, 301-306.	0.2	7
18	Traumatic right hemi-diaphragmatic injury: delayed diagnosis. <i>Surgical Case Reports</i> , 2019, 5, 92.	0.6	7

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19	Proliferation and Differentiation of Mouse Spermatogonial Stem Cells on a Three-Dimensional Surface Composed of PCL/Gel Nanofibers. <i>International Journal of Morphology</i> , 2019, 37, 1132-1141.	0.2	12
20	Human Menstrual Blood Stem Cell-Derived Granulosa Cells Participate in Ovarian Follicle Formation in a Rat Model of Premature Ovarian Failure <i>In Vivo</i>. <i>Cellular Reprogramming</i> , 2019, 21, 249-259.	0.9	21
21	Hydrogen peroxide penetration into the pulp chamber during conventional in-office bleaching and diode laser-assisted bleaching with three different wavelengths. <i>Laser Therapy</i> , 2019, 28, 285-290.	0.3	4
22	The effects of human menstrual blood stem cellsâ€derived granulosa cells on ovarian follicle formation in a rat model of premature ovarian failure. <i>Microscopy Research and Technique</i> , 2019, 82, 635-642.	2.2	35
23	Effect of Three Wavelengths of Diode Laser on the Efficacy of Bleaching of Stained Teeth. <i>Frontiers in Dentistry</i> , 2019, 16, 458-464.	0.6	6
24	Colonization of Mouse Spermatogonial Cells in Modified Soft Agar Culture System Utilizing Nanofibrous Scaffold: A New Approach. , 2019, 8, 1319.		7
25	In Vitro Spermatogenesis by Three-dimensional Culture of Spermatogonial Stem Cells on Decellularized Testicular Matrix. , 2019, 8, 1565.		5
26	Mouse preantral follicle growth in 3D co-culture system using human menstrual blood mesenchymal stem cell. <i>Reproductive Biology</i> , 2018, 18, 122-131.	1.9	28
27	Organ culture of seminiferous tubules using a modified soft agar culture system. <i>Stem Cell Research and Therapy</i> , 2018, 9, 249.	5.5	31
28	Efficiency of colony formation and differentiation of human spermatogenic cells in two different culture systems. <i>Reproductive Biology</i> , 2018, 18, 397-403.	1.9	29
29	The Rate of Demineralization in the Teeth Prepared by Bur and Er:YAG Laser. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 82-86.	1.2	6
30	Can <i>Melissa officinalis</i> improve chromatin structure and sperm parameters in a rat model of varicocele?. <i>Andrologia</i> , 2018, 50, e13058.	2.1	8
31	Polymerization Shrinkage of Five Bulk-Fill Composite Resins in Comparison with a Conventional Composite Resin. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2018, 15, 365-374.	0.4	4
32	Effects of antioxidants, catalase and Î±-tocopherol on cell viability and oxidative stress variables in frozen-thawed mice spermatogonial stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 63-68.	2.8	28
33	Comparison of Human Amniotic, Chorionic, and Umbilical Cord Multipotent Mesenchymal Stem Cells Regarding Their Capacity for Differentiation Toward Female Germ Cells. <i>Cellular Reprogramming</i> , 2017, 19, 44-53.	0.9	22
34	Improved Isolation, Proliferation, and Differentiation Capacity of Mouse Ovarian Putative Stem Cells. <i>Cellular Reprogramming</i> , 2017, 19, 132-144.	0.9	7
35	In vitro effects of melatonin on colonization of neonate mouse spermatogonial stem cells. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 370-381.	2.1	29
36	Evaluation of the Effect of Different Laser Activated Bleaching Methods on Enamel Susceptibility to Caries; An In Vitro Mode. <i>Journal of Lasers in Medical Sciences</i> , 2017, 8, S62-S67.	1.2	4

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37	The effects of melatonin on colonization of neonate spermatogonial mouse stem cells in a three-dimensional soft agar culture system. <i>Stem Cell Research and Therapy</i> , 2017, 8, 233.	5.5	30
38	The effect of the ovarian varicose vein on the DNA methylation in the rat's oocyte. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 1166-1171.	1.0	1
39	Shear Bond Strength of Two Types of Glass Ionomer to Bleached Dentin: Effect of Delayed Bonding and Antioxidant Agent. <i>Open Dentistry Journal</i> , 2016, 10, 720-727.	0.5	6
40	Differentiation of Mouse Ovarian Stem Cells Toward Oocyte-Like Structure by Coculture with Granulosa Cells. <i>Cellular Reprogramming</i> , 2016, 18, 419-428.	0.9	14
41	Used protocols for isolation and propagation of ovarian stem cells, different cells with different traits. <i>Journal of Ovarian Research</i> , 2016, 9, 68.	3.0	9
42	Improving the Efficacy of Cryopreservation of Spermatogonia Stem Cells by Antioxidant Supplements. <i>Cellular Reprogramming</i> , 2016, 18, 87-95.	0.9	51
43	Advances in cryopreservation of spermatogonial stem cells and restoration of male fertility. <i>Microscopy Research and Technique</i> , 2016, 79, 122-129.	2.2	12
44	Altered FoxO3 expression and apoptosis in granulosa cells of women with polycystic ovary syndrome. <i>Archives of Gynecology and Obstetrics</i> , 2016, 294, 185-192.	1.7	55
45	The effect of aminoguanidine on sperm motility and mitochondrial membrane potential in varicocele rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1279-1284.	1.0	7
46	The effects of unilateral varicose ovarian vein on antioxidant capacity and oocyte quality in rat ovary. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 863-869.	1.0	6
47	Experimental research Stem cell isolation by a morphology-based selection method in postnatal mouse ovary. <i>Archives of Medical Science</i> , 2015, 3, 670-678.	0.9	8
48	Human Wharton's jelly-derived mesenchymal stem cells express oocyte developmental genes during co-culture with placental cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 22-9.	1.0	10
49	Therapeutic angiogenesis promotes efficacy of human umbilical cord matrix stem cell transplantation in cardiac repair. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 563-70.	1.0	3
50	Comparison of Dentin Permeability After Tooth Cavity Preparation with Diamond Bur and Er:YAG Laser. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015, 12, 630-5.	0.4	1
51	Do Pilea Microphylla Improve Sperm DNA Fragmentation and Sperm Parameters in Varicocele Rats?. <i>Acta Medica Iranica</i> , 2015, 53, 547-54.	0.8	10
52	Saffron Improves Epididymal Sperm Parameters in Rats Exposed to Cadmium. <i>Nephro-Urology Monthly</i> , 2013, 6, e12125.	0.1	37
53	The rate of blastocysts production following vitrification with step-wise equilibration of immature mouse oocytes. <i>Iranian Journal of Reproductive Medicine</i> , 2012, 10, 453-8.	0.8	4
54	Repair of spinal cord injury by co-transplantation of embryonic stem cell-derived motor neuron and olfactory ensheathing cell. <i>Iranian Biomedical Journal</i> , 2009, 13, 125-35.	0.7	32