

# Mehdi Abbasi

## List of Publications by Year in descending order

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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	Altered FoxO3 expression and apoptosis in granulosa cells of women with polycystic ovary syndrome. Archives of Gynecology and Obstetrics, 2016, 294, 185-192.	1.7	55
2	Improving the Efficacy of Cryopreservation of Spermatogonia Stem Cells by Antioxidant Supplements. Cellular Reprogramming, 2016, 18, 87-95.	0.9	51
3	COVID-19 and Selenium Deficiency: a Systematic Review. Biological Trace Element Research, 2022, 200, 3945-3956.	3.5	42
4	Saffron Improves Epididymal Sperm Parameters in Rats Exposed to Cadmium. Nephro-Urology Monthly, 2013, 6, e12125.	0.1	37
5	The effects of human menstrual blood stem cells-derived granulosa cells on ovarian follicle formation in a rat model of premature ovarian failure. Microscopy Research and Technique, 2019, 82, 635-642.	2.2	35
6	Repair of spinal cord injury by co-transplantation of embryonic stem cell-derived motor neuron and olfactory ensheathing cell. Iranian Biomedical Journal, 2009, 13, 125-35.	0.7	32
7	Organ culture of seminiferous tubules using a modified soft agar culture system. Stem Cell Research and Therapy, 2018, 9, 249.	5.5	31
8	The effects of melatonin on colonization of neonate spermatogonial mouse stem cells in a three-dimensional soft agar culture system. Stem Cell Research and Therapy, 2017, 8, 233.	5.5	30
9	In vitro effects of melatonin on colonization of neonate mouse spermatogonial stem cells. Systems Biology in Reproductive Medicine, 2017, 63, 370-381.	2.1	29
10	Efficiency of colony formation and differentiation of human spermatogenic cells in two different culture systems. Reproductive Biology, 2018, 18, 397-403.	1.9	29
11	Effects of antioxidants, catalase and $\alpha$ -tocopherol on cell viability and oxidative stress variables in frozen-thawed mice spermatogonial stem cells. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 63-68.	2.8	28
12	Mouse preantral follicle growth in 3D co-culture system using human menstrual blood mesenchymal stem cell. Reproductive Biology, 2018, 18, 122-131.	1.9	28
13	Three-dimensional co-culture of human spermatogonial stem cells with Sertoli cells in soft agar culture system supplemented by growth factors and Laminin. Acta Histochemica, 2020, 122, 151572.	1.8	24
14	Comparison of Human Amniotic, Chorionic, and Umbilical Cord Multipotent Mesenchymal Stem Cells Regarding Their Capacity for Differentiation Toward Female Germ Cells. Cellular Reprogramming, 2017, 19, 44-53.	0.9	22
15	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> . Cellular Reprogramming, 2019, 21, 249-259.	0.9	21
16	Sertoli cell-only syndrome: etiology and clinical management. Journal of Assisted Reproduction and Genetics, 2021, 38, 559-572.	2.5	18
17	Differentiation of Mouse Ovarian Stem Cells Toward Oocyte-Like Structure by Coculture with Granulosa Cells. Cellular Reprogramming, 2016, 18, 419-428.	0.9	14
18	Application of platelet-rich plasma (PRP) improves self-renewal of human spermatogonial stem cells in two-dimensional and three-dimensional culture systems. Acta Histochemica, 2020, 122, 151627.	1.8	14

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19	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
20	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
21	Isolation, identification and differentiation of human spermatogonial cells on three-dimensional decellularized sheep testis. <i>Acta Histochemica</i> , 2020, 122, 151623.	1.8	12
22	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
23	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
24	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
25	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
26	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
27	Improved Isolation, Proliferation, and Differentiation Capacity of Mouse Ovarian Putative Stem Cells. <i>Cellular Reprogramming</i> , 2017, 19, 132-144.	0.9	7
28	Traumatic right hemi-diaphragmatic injury: delayed diagnosis. <i>Surgical Case Reports</i> , 2019, 5, 92.	0.6	7
29	The Germ Cell-Specific Markers ZBP2 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
30	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
31	Colonization of Mouse Spermatogonial Cells in Modified Soft Agar Culture System Utilizing Nanofibrous Scaffold: A New Approach. , 2019, 8, 1319.		7
32	Evaluation of Enkephalin-Degrading Enzymes in Sperm from Heroin-Addicted Men. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 13, 301-306.	0.2	7
33	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
34	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
35	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
36	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

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37	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
38	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
39	In Vitro Spermatogenesis by Three-dimensional Culture of Spermatogonial Stem Cells on Decellularized Testicular Matrix. , 2019, 8, 1565.		5
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Evaluation of Compressive Strength of Several Pulp Capping Materials. <i>Journal of Dentistry</i> , 2021, 22, 41-47.	0.1	3
50	<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
51	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
52	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
53	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
54	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