

# Iraj Amiri

## List of Publications by Year in descending order

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52  
papers

714  
citations

516710

16  
h-index

580821

25  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of progesterone nanoparticles on the sperm capacitation and acrosome reaction in asthenozoospermia men. <i>Andrologia</i> , 2022, 54, e14258.	2.1	6
2	Male Factors: the Role of Sperm in Preimplantation Embryo Quality. <i>Reproductive Sciences</i> , 2021, 28, 1788-1811.	2.5	15
3	Artificial testis: a testicular tissue extracellular matrix as a potential bio-ink for 3D printing. <i>Biomaterials Science</i> , 2021, 9, 3465-3484.	5.4	33
4	Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1259-1266.	2.9	10
5	Antiapoptotic and antioxidative effects of cerium oxide nanoparticles on the testicular tissues of streptozotocin-induced diabetic rats: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 589-598.	0.9	3
6	Chitosan-coated Selenium nanoparticles enhance the efficiency of stem cells in the neuroprotection of streptozotocin-induced neurotoxicity in male rats.. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 141, 106089.	2.8	9
7	ADAMTS proteoglycanases downregulation with impaired oocyte quality in PCOS. <i>Archives of Endocrinology and Metabolism</i> , 2021, 65, 60-66.	0.6	1
8	Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in A $\beta$ -induced neurotoxicity in the rats. <i>Life Sciences</i> , 2020, 249, 117482.	4.3	15
9	Effects of treadmill exercise and preconditioned bone marrow- derived mesenchymal stem cells transplantation on A $\beta$ -induced neurotoxicity in male rats. <i>Koomesh</i> , 2020, 22, 325-333.	0.1	2
10	A comparison of in vitro fertilization-embryo transfer outcome by two types of soft embryo transfer catheters. <i>Biomedical Research and Therapy</i> , 2020, 7, 3678-3685.	0.6	0
11	Sperm matrix metalloproteinase-2 activity increased in pregnant couples treated with intrauterine insemination: a prospective case control study. <i>Journal of Obstetrics and Gynaecology</i> , 2019, 39, 675-680.	0.9	7
12	Abnormal expressions of ADAMTS-1, ADAMTS-9 and progesterone receptors are associated with lower oocyte maturation in women with polycystic ovary syndrome. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 277-286.	1.7	14
13	Dimethylxalylglycine preconditioning enhances protective effects of bone marrow-derived mesenchymal stem cells in A $\beta$ - induced Alzheimer disease. <i>Physiology and Behavior</i> , 2019, 199, 265-272.	2.1	30
14	Sublethal concentration of H <sub>2</sub> O <sub>2</sub> enhances the protective effect of mesenchymal stem cells in rat model of spinal cord injury. <i>Biotechnology Letters</i> , 2018, 40, 609-615.	2.2	17
15	Evaluation of the p53 and Thioredoxin reductase in sperm from asthenozoospermic males in comparison to normozoospermic males. <i>Free Radical Biology and Medicine</i> , 2018, 116, 123-128.	2.9	20
16	Virgin coconut oil (VCO) by normalizing NLRP3 inflammasome showed potential neuroprotective effects in Amyloid- $\beta$ induced toxicity and high-fat diet fed rat. <i>Food and Chemical Toxicology</i> , 2018, 118, 68-83.	3.6	54
17	Effect of Calcium-enriched Mixture (CEM) cement on increasing mineralization in stem cells from the dental pulps of human exfoliated deciduous teeth. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2018, 12, 233-237.	1.0	1
18	Amelioration of diabetes-induced testicular and sperm damage in rats by cerium oxide nanoparticle treatment. <i>Andrologia</i> , 2018, 50, e13089.	2.1	42

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19	Effects of CeO <sub>2</sub> nanoparticles on the <i>HO-1</i> , <i>NQO1</i> , and <i>GCLC</i> expression in the testes of diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 963-969.	1.4	31
20	Effect of Calcium-enriched Mixture (CEM) cement on increasing mineralization in stem cells from the dental pulps of human exfoliated deciduous teeth. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2018, 12, 233-237.	1.0	0
21	Gene Polymorphism of Matrix Metalloproteinase 9 in Asthenozoospermic Male Subjects. <i>International Journal of Fertility &amp; Sterility</i> , 2018, 11, 247-252.	0.2	3
22	Association between seminal plasma neopterin and oxidative stress in male infertility: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 93-100.	0.9	0
23	Activity of Matrix Metalloproteinase 2 and 9 in Follicular Fluid and Seminal Plasma and Its Relation to Embryo Quality and Fertilization Rate. <i>Journal of Reproduction and Infertility</i> , 2018, 19, 140-145.	1.0	5
24	Treadmill exercise alters ecstasy- induced long- term potentiation disruption in the hippocampus of male rats. <i>Metabolic Brain Disease</i> , 2017, 32, 1603-1607.	2.9	6
25	Treadmill exercise attenuates 3,4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus. <i>Journal of Neuroscience Research</i> , 2017, 95, 2448-2455.	2.9	8
26	Determining potential habitat of Kermani Calligonum and Lentil Bead Salmaki in Sistan region of south eastern Iran. <i>Spatial Information Research</i> , 2017, 25, 195-204.	2.2	0
27	Comparison of in vitro properties of periodontal ligament stem cells derived from permanent and deciduous teeth. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2017, 11, 140-148.	1.0	10
28	Downregulation of adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 101-110.	2.5	33
29	Effect of Calcitriol on Differentiation of Periodontal Ligament Stem Cells to Osteoblasts. <i>Dental Journal of Hamadan University of Medical Sciences</i> , 2016, 8, 8-8.	0.3	0
30	NeuN Expression Alterations in the Hippocampus Following Ecstasy Treatment. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2016, 3, .	0.1	0
31	Comparison of Periodontal Ligament Stem Cells Isolated from the Periodontium of Healthy Teeth and Periodontitis-Affected Teeth. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2016, 13, 271-278.	0.4	3
32	PROTECTIVE EFFECTS OF GLUTATHIONE SUPPLEMENTATION AGAINST OXIDATIVE STRESS DURING CRYOPRESERVATION OF HUMAN SPERMATOZOA. <i>Cryo-Letters</i> , 2016, 37, 34-40.	0.3	16
33	Comparing Viability of Periodontal Ligament Stem Cells Isolated From Erupted and Impacted Tooth Root. <i>Journal of Craniofacial Surgery</i> , 2015, 26, e608-e612.	0.7	1
34	Estrogen and progesterone receptor subtype expression in granulosa cells from women with polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2015, 31, 379-383.	1.7	27
35	The Role of G22 A Adenosine Deaminase 1 Gene Polymorphism and the Activities of ADA Isoenzymes in Fertile and Infertile Men. <i>Urology</i> , 2015, 86, 730-734.	1.0	5
36	Influence of BHT inclusion on post-thaw attributes of human semen. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 57-61.	2.1	9

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37	The Impact of G1575A Matrix Metalloprotease-2 Gene Polymorphism on Male Fertility. Avicenna Journal of Medical Biochemistry, 2015, 3, .	0.3	3
38	Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men. International Journal of Reproductive BioMedicine, 2015, 13, 787-792.	0.9	13
39	The effect of Emdogain and Simvastatin on periodontal ligament stem cells differentiation to osteoblasts: An in vitro study. SRM Journal of Research in Dental Sciences, 2015, 6, 87.	0.2	1
40	Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men. International Journal of Reproductive BioMedicine, 2015, 13, 787-92.	0.9	4
41	Effects of hydrostatic pressure on mouse sperm. Bratislava Medical Journal, 2014, 115, 70-75.	0.8	2
42	Comparison of the DNA Fragmentation and the Sperm Parameters after Processing by the Density Gradient and the Swim up Methods. Journal of Clinical and Diagnostic Research JCDR, 2012, 6, 1451-3.	0.8	21
43	Apolipoprotein E genotypes of fertile and infertile men. Systems Biology in Reproductive Medicine, 2012, 58, 263-267.	2.1	12
44	Increased receptor for advanced glycation end products in spermatozoa of diabetic men and its association with sperm nuclear DNA fragmentation. Andrologia, 2012, 44, 280-286.	2.1	46
45	The rate of blastocysts production following vitrification with step-wise equilibration of immature mouse oocytes. Iranian Journal of Reproductive Medicine, 2012, 10, 453-8.	0.8	4
46	Association between nitric oxide and 8-hydroxydeoxyguanosine levels in semen of diabetic men. Systems Biology in Reproductive Medicine, 2011, 57, 292-295.	2.1	28
47	Relationship between advanced glycation end products and increased lipid peroxidation in semen of diabetic men. Diabetes Research and Clinical Practice, 2011, 91, 61-66.	2.8	82
48	Genetic variation of hormone sensitive lipase and male infertility. Systems Biology in Reproductive Medicine, 2011, 57, 288-291.	2.1	12
49	Metformin therapy decreases hyperandrogenism and ovarian volume in women with polycystic ovary syndrome. Iranian Journal of Medical Sciences, 2011, 36, 90-5.	0.4	6
50	The Effect of Retinoic Acid on in vitro Maturation and Fertilization Rate of Mouse Germinal Vesicle Stage Oocytes. Cell Journal, 2011, 13, 19-24.	0.2	19
51	Andrology (Male Fertility, Spermatogenesis). Human Reproduction, 2010, 25, i118-i152.	0.9	4
52	Nitric oxide level in seminal plasma and its relation with sperm DNA damages. Iranian Biomedical Journal, 2007, 11, 259-64.	0.7	21