

# Hamid Nazarian

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,183  
citations

393982

19  
h-index

454577

30  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologous Dental Pulp Stem Cells in Regeneration of Defect Created in Canine Periodontal Tissue. <i>Journal of Oral Implantology</i> , 2013, 39, 433-443.	0.4	81
2	Mesenchymal stem cells enhance bone regeneration in rat calvarial critical size defects more than platelete-rich plasma. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 356-362.	1.6	78
3	In vitro bioactivity and biocompatibility of lithium substituted 45S5 bioglass. <i>Materials Science and Engineering C</i> , 2011, 31, 1584-1592.	3.8	70
4	Physico-chemical and in vitro biological evaluation of strontium/calcium silicophosphate glass. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 695-705.	1.7	67
5	Autologous Dental Pulp Stem Cells in Regeneration of Defect Created in Canine Periodontal Tissue. <i>Journal of Oral Implantology</i> , 0, , 120821140618001.	0.4	63
6	Gene Expression and Cytokine Release during Odontogenic Differentiation of Human Dental Pulp Stem Cells Induced by 2 Endodontic Biomaterials. <i>Journal of Endodontics</i> , 2014, 40, 387-392.	1.4	59
7	Preparation and surface characterization of poly-L-lysine-coated PLGA microsphere scaffolds containing retinoic acid for nerve tissue engineering: In vitro study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 73, 23-29.	2.5	51
8	Comparative study of mesenchymal stem cells osteogenic differentiation on low temperature biomaterialized nanocrystalline carbonated hydroxyapatite and sintered hydroxyapatite. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 108-118.	1.6	39
9	The antioxidant curcumin postpones ovarian aging in young and middle-aged mice. <i>Reproduction, Fertility and Development</i> , 2020, 32, 292.	0.1	38
10	Bioceramic-collagen scaffolds loaded with human adipose-tissue derived stem cells for bone tissue engineering. <i>Molecular Biology Reports</i> , 2014, 41, 741-749.	1.0	34
11	Intracytoplasmic oxidative stress reverses epigenetic modifications in polycystic ovary syndrome. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2313.	0.1	34
12	Vertical Bone Augmentation With Simultaneous Implant Placement Using Particulate Mineralized Bone and Mesenchymal Stem Cells: A Preliminary Study in Rabbit. <i>Journal of Oral Implantology</i> , 2013, 39, 3-13.	0.4	32
13	Improvement of oocyte in vitro maturation from mice with polycystic ovary syndrome by human mesenchymal stromal cell conditioned media. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 10365-10375.	1.2	28
14	Seminal exosomes induce interleukin-6 and interleukin-8 secretion by human endometrial stromal cells. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 235, 71-76.	0.5	28
15	Odontogenic differentiation of dental pulp-derived stem cells on tricalcium phosphate scaffolds. <i>Journal of Dental Sciences</i> , 2013, 8, 306-313.	1.2	22
16	Thymoquinone reduces intracytoplasmic oxidative stress and improves epigenetic modification in polycystic ovary syndrome mice oocytes, during in vitro maturation. <i>Molecular Reproduction and Development</i> , 2019, 86, 1053-1066.	1.0	22
17	Impaired spermatogenesis associated with changes in spatial arrangement of Sertoli and spermatogonial cells following induced diabetes. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17312-17325.	1.2	22
18	Effect of Poly-L-lysine Coating on Retinoic Acid-Loaded PLGA Microspheres in the Differentiation of Carcinoma Stem Cells into Neural Cells. <i>International Journal of Artificial Organs</i> , 2010, 33, 721-730.	0.7	20

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19	Effect of poly-L-lysine coating on retinoic acid-loaded PLGA microspheres in the differentiation of carcinoma stem cells into neural cells. <i>International Journal of Artificial Organs</i> , 2010, 33, 721-730.	0.7	20
20	Sertoli cell conditioned medium restores spermatogenesis in azoospermic mouse testis. <i>Cell and Tissue Research</i> , 2020, 379, 577-587.	1.5	19
21	Effect of Artificial Oocyte Activation on Intra-Cytoplasmic Sperm Injection Outcomes in Patients with Lower Percentage of Sperm Containing Phospholipase C $\eta$ : A Randomized Clinical Trial. <i>Journal of Reproduction and Infertility</i> , 2019, 20, 3-9.	1.0	19
22	Low-level laser therapy with helium-neon laser improved viability of osteoporotic bone marrow-derived mesenchymal stem cells from ovariectomy-induced osteoporotic rats. <i>Journal of Biomedical Optics</i> , 2016, 21, 098002.	1.4	18
23	Protective effect of gallic acid on apoptosis of sperm and in vitro fertilization in adult male mice treated with cyclophosphamide. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17250-17257.	1.2	18
24	Differentiation of spermatogonial stem cells by soft agar three-dimensional culture system. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1772-1781.	1.9	18
25	Effects of treatment with hydroxychloroquine on the modulation of Th17/Treg ratio and pregnancy outcomes in women with recurrent implantation failure: clinical trial. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 632-642.	1.1	18
26	Testicular toxicity and reproductive performance of streptozotocin-induced diabetic male rats: the ameliorating role of silymarin as an antioxidant. <i>Toxin Reviews</i> , 2019, 38, 223-233.	1.5	14
27	Physicochemical and <i>in vitro</i> biological study of zinc-doped calcium sulfate bone substitute. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 37-45.	1.6	12
28	Curcumin-Loaded Iron Particle Improvement of Spermatogenesis in Azoospermic Mouse Induced by Long-Term Scrotal Hyperthermia. <i>Reproductive Sciences</i> , 2021, 28, 371-380.	1.1	12
29	Physical and physicochemical evaluation of calcium phosphate cement made using human derived blood plasma. <i>Advances in Applied Ceramics</i> , 2009, 108, 253-260.	0.6	11
30	Multi-phase biocomposite material in-situ fabricated by using hydroxyapatite and amorphous nanosilica. <i>International Journal of Materials Research</i> , 2011, 102, 494-503.	0.1	11
31	Phospholipase C zeta parameters in sperm from polymorphic teratozoospermic men. <i>Annals of Anatomy</i> , 2018, 215, 63-70.	1.0	11
32	Potential of Auraptene in Improvement of Oocyte Maturation, Fertilization Rate, and Inflammation in Polycystic Ovary Syndrome Mouse Model. <i>Reproductive Sciences</i> , 2020, 27, 1742-1751.	1.1	11
33	Chronic scrotal hyperthermia induces azoospermia and severe damage to testicular tissue in mice. <i>Acta Histochemica</i> , 2021, 123, 151712.	0.9	11
34	Pyruvium pamoate induces in-vitro suppression of IL-6 and IL-8 produced by human endometriotic stromal cells. <i>Human and Experimental Toxicology</i> , 2021, 40, 649-660.	1.1	10
35	Photobiomodulation preconditioned human semen protects sperm cells against detrimental effects of cryopreservation. <i>Cryobiology</i> , 2021, 98, 239-244.	0.3	10
36	Application of stereological methods for unbiased estimation of sperm morphology in the mice induced by busulfan. <i>Anatomy and Cell Biology</i> , 2017, 50, 301.	0.5	9

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37	Protective Effect of Gallic Acid on Testicular Tissue, Sperm Parameters, and DNA Fragmentation against Toxicity Induced by Cyclophosphamide in Adult NMRI Mice. <i>Urology Journal</i> , 2020, 17, 78-85.	0.3	9
38	Adipose Derived Stem Cells Conditioned Media in Combination with Bioceramic-Collagen Scaffolds Improved Calvarial Bone Healing in Hypothyroid Rats. <i>Iranian Red Crescent Medical Journal</i> , 2017, 19, .	0.5	9
39	Bioactivity of endodontic biomaterials on dental pulp stem cells through dentin. <i>Restorative Dentistry &amp; Endodontics</i> , 2020, 45, e3.	0.6	9
40	Evaluation of PAWP and PLC $\gamma$ Expression in Infertile Men with Previous ICSI Fertilization Failure. <i>Urology Journal</i> , 2018, 15, 116-121.	0.3	9
41	Adipose-derived stem cells combined with beta-tricalcium phosphate: A novel possible strategy for periodontal defects regeneration. <i>Medical Hypotheses</i> , 2014, 82, 54-56.	0.8	8
42	Effect of 1,25(OH) $_2$ -vitamin D3 on expression and phosphorylation of progesterone receptor in cultured endometrial stromal cells of patients with repeated implantation failure. <i>Acta Histochemica</i> , 2020, 122, 151489.	0.9	8
43	Oligoasthenoteratozoospermic (OAT) men display altered phospholipase C $\gamma$ (PLC $\gamma$ ) localization and a lower percentage of sperm cells expressing PLC $\gamma$ and post-acrosomal sheath WW domain-binding protein (PAWP). <i>Bosnian Journal of Basic Medical Sciences</i> , 2018, 18, 178-184.	0.6	8
44	Exposing Mouse Oocytes to MitoQ During Maturation Improves Maturation and Developmental Competence. <i>Iranian Journal of Biotechnology</i> , 2020, 18, e2454.	0.3	8
45	Three-dimensional electrospun gelatin scaffold coseeded with embryonic stem cells and sertoli cells: A promising substrate for in vitro coculture system. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12508-12518.	1.2	7
46	Aberrant Wnt/ $\beta$ -Catenin Signaling Pathway in Testis of Azoospermic Men. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 373-377.	0.6	7
47	Photobiomodulation improved stereological parameters and sperm analysis factors in streptozotocin-induced type 1 diabetes mellitus. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 81-87.	1.7	6
48	Effect of Ceratonia siliqua L. extract on DNA Fragmentation of Sperm in Adult Male Mice Treated with Cyclophosphamide. <i>Reproductive Sciences</i> , 2021, 28, 974-981.	1.1	6
49	Evaluation of Expression and Phosphorylation of Progesterone Receptor in Endometrial Stromal Cells of Patients with Recurrent Implantation Failure Compared to Healthy Fertile Women. <i>Reproductive Sciences</i> , 2021, 28, 1457-1465.	1.1	6
50	Does timing in ICSI cycle affect oocyte quality and reproductive outcomes? A prospective study. <i>Archives of Gynecology and Obstetrics</i> , 2020, 302, 505-513.	0.8	5
51	Expression of Glycogen synthase kinase 3- $\beta$ (GSK3- $\beta$ ) gene in azoospermic men. <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 313-20.	0.8	5
52	Quercetin improves developmental competence of mouse oocytes by reducing oxidative stress during in vitro maturation. <i>Annals of Animal Science</i> , 2018, 18, 87-98.	0.6	4
53	Gelatin Electrospun Mat as a Potential Co-culture System for <i>In Vitro</i> Production of Sperm Cells from Embryonic Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5823-5832.	2.6	4
54	The evaluation of Human papilloma virus and human herpes viruses (EBV, CMV, VZV HSV $\alpha$ 1 and HSV $\alpha$ 2) in semen samples. <i>Andrologia</i> , 2021, 53, e14051.	1.0	4

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55	Conditioned medium derived from seminal extracellular vesicles-exposed endometrial stromal cells induces inflammatory cytokine secretion by macrophages. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 262, 174-181.	0.5	4
56	Cross flow coupled with inertial focusing for separation of human sperm cells from semen and simulated TESE samples. <i>Analyst, The</i> , 2021, 146, 7230-7239.	1.7	3
57	Photobiomodulation Therapy Improves Spermatogenesis in Busulfan-Induced Infertile Mouse. <i>Reproductive Sciences</i> , 2021, 28, 2789-2798.	1.1	2
58	Small non-coding RNAs in embryonic pre-implantation. <i>Current Molecular Medicine</i> , 2021, 21, .	0.6	2
59	Two-Decade Experience of Royan Institute in Obtaining Mature Oocyte from Cryopreserved Ovarian Tissue: In Vitro and In Vivo Approaches. <i>Reproductive Sciences</i> , 2021, , 1.	1.1	2
60	Chronic Stress Diminishes the Oocyte Quality and In Vitro Embryonic Development in Maternally Separated Mice. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2020, 8, 29-36.	0.2	2
61	Comparative Effect of Photobiomodulation on Human Semen Samples Pre- and Post-Cryopreservation. <i>Reproductive Sciences</i> , 2022, 29, 1463-1470.	1.1	2
62	Exposure of neonatal mice to Sevoflurane may induce male germ cell apoptosis in testicular tissue after puberty. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 471-478.	0.5	1
63	Exposure of neonatal mice to Sevoflurane may induce male germ cell apoptosis in testicular tissue after puberty. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 471-478.	0.5	1
64	Meiosis Resumption of Immature Human Oocytes following Treatment with Calcium Ionophore. <i>Cell Journal</i> , 2021, 23, 109-118.	0.2	1
65	Culture strategy as a modulator of target assessments: Functionality of suspension versus hanging dropâ€derived choriocarcinoma spheroids as in vitro model of embryo implantation. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1192-1206.	1.2	0
66	Bioactivity of endodontic biomaterials on dental pulp stem cells through dentin. <i>Restorative Dentistry &amp; Endodontics</i> , 0, 44, .	0.6	0