

Abbas Piryaei

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3919539/abbas-piryaei-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

1,346
citations

21
h-index

31
g-index

99
ext. papers

1,675
ext. citations

3.5
avg, IF

4.61
L-index

#	Paper	IF	Citations
90	Rhenium Perrhenate (ReO) Induced Apoptosis and Reduced Cancerous Phenotype in Liver Cancer Cells.. <i>Cells</i> , 2022 , 11,	7.9	3
89	Hepatic stellate cell activation by TGFβ induces hedgehog signaling and endoplasmic reticulum stress simultaneously.. <i>Toxicology in Vitro</i> , 2022 , 80, 105315	3.6	0
88	In vitro modeling of liver fibrosis in 3D microtissues using scalable micropatterning system.. <i>Archives of Toxicology</i> , 2022 , 1	5.8	1
87	Derivation of hormone-responsive human endometrial organoids and stromal cells from cryopreserved biopsies.. <i>Experimental Cell Research</i> , 2022 , 113205	4.2	0
86	Engraftment of bioengineered three-dimensional scaffold from human amniotic membrane-derived extracellular matrix accelerates ischemic diabetic wound healing. <i>Archives of Dermatological Research</i> , 2021 , 313, 567-582	3.3	8
85	Improved healing of critical-size femoral defect in osteoporosis rat models using 3D elastin/polycaprolactone/nHA scaffold in combination with mesenchymal stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 27	4.5	5
84	Disturbed progesterone signalling in an advanced preclinical model of endometriosis. <i>Reproductive BioMedicine Online</i> , 2021 , 43, 139-147	4	3
83	Culture strategy as a modulator of target assessments: Functionality of suspension versus hanging drop-derived choriocarcinoma spheroids as in vitro model of embryo implantation. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 1192	4.7	
82	Chronic scrotal hyperthermia induces azoospermia and severe damage to testicular tissue in mice. <i>Acta Histochemica</i> , 2021 , 123, 151712	2	3
81	Tissue-Specific Microparticles Improve Organoid Microenvironment for Efficient Maturation of Pluripotent Stem-Cell-Derived Hepatocytes. <i>Cells</i> , 2021 , 10,	7.9	5
80	An effective method for establishing animal models of azoospermia and oligospermia. <i>Andrologia</i> , 2021 , 53, e14095	2.4	1
79	Biofabrication of size-controlled liver microtissues incorporated with ECM-derived microparticles to prolong hepatocyte function. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 790-805	4.7	1
78	COVID-19 disrupts spermatogenesis through the oxidative stress pathway following induction of apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021 , 26, 415-430	5.4	5
77	Bone Marrow Mesenchymal Stem Cell Condition Medium Loaded on PCL Nanofibrous Scaffold Promoted Nerve Regeneration After Sciatic Nerve Transection in Male Rats. <i>Neurotoxicity Research</i> , 2021 , 39, 1470-1486	4.3	5
76	Insight into epigenetics of human endometriosis organoids: DNA methylation analysis of HOX genes and their cofactors. <i>Fertility and Sterility</i> , 2021 , 115, 125-137	4.8	11
75	Protective Effects of Fisetin in the Mice Induced by Long-Term Scrotal Hyperthermia. <i>Reproductive Sciences</i> , 2021 , 28, 3123-3136	3	0
74	Transplantation of human dental pulp stem cells compensates for striatal atrophy and modulates neuro-inflammation in 3-nitropropionic acid rat model of Huntington's disease. <i>Neuroscience Research</i> , 2021 , 170, 133-144	2.9	4

73	Organoid technology in female reproductive biomedicine. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 64	5	16
72	Tissue Engineering in Liver Regenerative Medicine: Insights into Novel Translational Technologies. <i>Cells</i> , 2020 , 9,	7.9	31
71	Human mesenchymal stem cells-conditioned medium improves diabetic wound healing mainly through modulating fibroblast behaviors. <i>Archives of Dermatological Research</i> , 2020 , 312, 325-336	3.3	22
70	Generation of Transplantable Three-Dimensional Hepatic-Patch to Improve the Functionality of Hepatic Cells In Vitro and In Vivo. <i>Stem Cells and Development</i> , 2020 , 29, 301-313	4.4	9
69	Photobiomodulation therapy improves the growth factor and cytokine secretory profile in human type 2 diabetic fibroblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 210, 111962	6.7	12
68	Generation of Scalable Hepatic Micro-Tissues as a Platform for Toxicological Studies. <i>Tissue Engineering and Regenerative Medicine</i> , 2020 , 17, 459-475	4.5	4
67	Functional dopaminergic neurons derived from human chorionic mesenchymal stem cells ameliorate striatal atrophy and improve behavioral deficits in Parkinsonian rat model. <i>Anatomical Record</i> , 2020 , 303, 2274-2289	2.1	5
66	Photobiomodulation therapy compensate the impairments of diabetic bone marrow mesenchymal stem cells. <i>Lasers in Medical Science</i> , 2020 , 35, 547-556	3.1	7
65	Peripheral axotomy-induced changes of motor function and histological structure of spinal anterior horn. <i>European Journal of Translational Myology</i> , 2019 , 29, 7945	2.1	7
64	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	2.6	9
63	Differentiation of spermatogonial stem cells by soft agar three-dimensional culture system. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 1772-1781	6.1	10
62	Prenatal liver stromal cells: Favorable feeder cells for long-term culture of hepatic progenitor cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16624-16633	4.7	3
61	Induced premature ovarian insufficiency by using D galactose and its effects on reproductive profiles in small laboratory animals: a systematic review. <i>Journal of Ovarian Research</i> , 2019 , 12, 96	5.5	3
60	Hyperthermia versus busulfan: Finding the effective method in animal model of azoospermia induction. <i>Andrologia</i> , 2019 , 51, e13438	2.4	8
59	Effect of Artificial Oocyte Activation on Intra-Cytoplasmic Sperm Injection Outcomes in Patients with Lower Percentage of Sperm Containing Phospholipase C β A Randomized Clinical Trial. <i>Journal of Reproduction and Infertility</i> , 2019 , 20, 3-9	1.5	5
58	Immunohistochemical Analysis of LGR5 and TROY Expression in Gastric Carcinogenesis Demonstrates an Inverse Trend. <i>Iranian Biomedical Journal</i> , 2019 , 23, 107-20	2	
57	Nigral injection of 6-hydroxydopamine induces changes in spatial arrangement of striatal neuron and glial cells. <i>Frontiers in Bioscience - Scholar</i> , 2019 , 11, 1-8	2.4	3
56	Improvement of in situ Follicular Activation and Early Development in Cryopreserved Human Ovarian Cortical Tissue by Co-Culturing with Mesenchymal Stem Cells. <i>Cells Tissues Organs</i> , 2019 , 208, 48-58	2.1	2

55	Effects of fetal hypothyroidism on uterine smooth muscle contraction and structure of offspring rats. <i>Experimental Physiology</i> , 2018 , 103, 683-692	2.4	7
54	Combined effects of rat Schwann cells and 17 β -estradiol in a spinal cord injury model. <i>Metabolic Brain Disease</i> , 2018 , 33, 1229-1242	3.9	18
53	The effect of combined pulsed wave low-level laser therapy and mesenchymal stem cell-conditioned medium on the healing of an infected wound with methicillin-resistant Staphylococcal aureus in diabetic rats. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 5788-5797	4.7	19
52	Bone marrow or adipose tissue mesenchymal stem cells: Comparison of the therapeutic potentials in mice model of acute liver failure. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 5834-5842	4.7	22
51	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	2	3
50	Three-dimensional liver-derived extracellular matrix hydrogel promotes liver organoids function. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 4320-4333	4.7	60
49	Efficient and cost-effective generation of hepatocyte-like cells through microparticle-mediated delivery of growth factors in a 3D culture of human pluripotent stem cells. <i>Biomaterials</i> , 2018 , 159, 174-188	15.6	34
48	Effect of low-level laser therapy and oxytocin on osteoporotic bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 983-997	4.7	19
47	Phospholipase C zeta parameters in sperm from polymorphic teratozoospermic men. <i>Annals of Anatomy</i> , 2018 , 215, 63-70	2.9	6
46	Effects of Photobiomodulation on Degranulation and Number of Mast Cells and Wound Strength in Skin Wound Healing of Streptozotocin-Induced Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2018 , 36, 415-423		18
45	Targeting axonal degeneration and demyelination using combination administration of 17 β -estradiol and Schwann cells in the rat model of spinal cord injury. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 10195-10203	4.7	13
44	Effect of long-term nitrite administration on browning of white adipose tissue in type 2 diabetic rats: A stereological study. <i>Life Sciences</i> , 2018 , 207, 219-226	6.8	14
43	Oligoasthenoteratozoospermic (OAT) men display altered phospholipase C (PLC) localization and a lower percentage of sperm cells expressing PLC and post-acrosomal sheath WW domain-binding protein (PAWP). <i>Bosnian Journal of Basic Medical Sciences</i> , 2018 , 18, 178-184	3.3	5
42	Conditioned Media Derived from Human Adipose Tissue Mesenchymal Stromal Cells Improves Primary Hepatocyte Maintenance. <i>Cell Journal</i> , 2018 , 20, 377-387	2.4	4
41	Human Bone Marrow Mesenchymal Stem Cell Conditioned Medium Promotes Wound Healing in Deep Second-Degree Burns in Male Rats. <i>Cells Tissues Organs</i> , 2018 , 206, 317-329	2.1	20
40	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	4.7	7
39	Cardiac extracellular matrix hydrogel together with or without inducer cocktail improves human adipose tissue-derived stem cells differentiation into cardiomyocyte-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 215-225	3.4	14
38	Evaluation of PAWP and PLC γ Expression in Infertile Men with Previous ICSI Fertilization Failure. <i>Urology Journal</i> , 2018 , 15, 116-121	0.9	8

37	Intracytoplasmic oxidative stress reverses epigenetic modifications in polycystic ovary syndrome. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2313-2323	1.8	21
36	Different approaches to establish infertile rooster. <i>Animal Reproduction Science</i> , 2017 , 186, 31-36	2.1	3
35	Neural differentiation of choroid plexus epithelial cells: role of human traumatic cerebrospinal fluid. <i>Neural Regeneration Research</i> , 2017 , 12, 84-89	4.5	5
34	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,	1.3	7
33	The Effect of Combined Pulsed Wave Low-Level Laser Therapy and Human Bone Marrow Mesenchymal Stem Cell-Conditioned Medium on Open Skin Wound Healing in Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2016 , 34, 345-54		25
32	Combined effects of low-level laser therapy and human bone marrow mesenchymal stem cell conditioned medium on viability of human dermal fibroblasts cultured in a high-glucose medium. <i>Lasers in Medical Science</i> , 2016 , 31, 749-57	3.1	15
31	Focal Injection of Ethidium Bromide as a Simple Model to Study Cognitive Deficit and Its Improvement. <i>Basic and Clinical Neuroscience</i> , 2016 , 7, 63-72	1.4	6
30	Hemodynamic properties and arterial structure in male rat offspring with fetal hypothyroidism. <i>General Physiology and Biophysics</i> , 2016 , 35, 397-405	2.1	7
29	Effect of Secreted Molecules of Human Embryonic Stem Cell-Derived Mesenchymal Stem Cells on Acute Hepatic Failure Model. <i>Stem Cells and Development</i> , 2016 , 25, 1898-1908	4.4	50
28	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, 98002	3.5	13
27	Isoform-Level Gene Expression Profiles of Human Y Chromosome Azoospermia Factor Genes and Their X Chromosome Paralogs in the Testicular Tissue of Non-Obstructive Azoospermia Patients. <i>Journal of Proteome Research</i> , 2015 , 14, 3595-605	5.6	27
26	The ability of mouse nuclear transfer embryonic stem cells to differentiate into primordial germ cells. <i>Genetics and Molecular Biology</i> , 2015 , 38, 220-6	2	3
25	Effects of pentoxifylline administration on histomorphological parameters of streptozotocin-induced diabetic rat testes. <i>Laboratory Animal Research</i> , 2015 , 31, 111-6	1.9	6
24	Effect of L-carnitine supplementation on maturation and early embryo development of immature mouse oocytes selected by brilliant cresyle blue staining. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 635-43	3.4	30
23	Ultrastructural maturation of human bone marrow mesenchymal stem cells-derived cardiomyocytes under alternative induction of 5-azacytidine. <i>Cell Biology International</i> , 2015 , 39, 519-30	4.5	17
22	Effect of low-frequency stimulation on kindling induced changes in rat dentate gyrus: an ultrastructural study. <i>Acta Neurologica Belgica</i> , 2014 , 114, 47-53	1.5	4
21	Galactosylated collagen matrix enhanced in vitro maturation of human embryonic stem cell-derived hepatocyte-like cells. <i>Biotechnology Letters</i> , 2014 , 36, 1095-106	3	21
20	Bioceramic-collagen scaffolds loaded with human adipose-tissue derived stem cells for bone tissue engineering. <i>Molecular Biology Reports</i> , 2014 , 41, 741-9	2.8	28

19	Introducing a rat model of prenatal androgen-induced polycystic ovary syndrome in adulthood. <i>Experimental Physiology</i> , 2014 , 99, 792-801	2.4	37
18	The time of prenatal androgen exposure affects development of polycystic ovary syndrome-like phenotype in adulthood in female rats. <i>International Journal of Endocrinology and Metabolism</i> , 2014 , 12, e16502	1.8	23
17	A simple method for generating small calcium-alginate beads by syringe. <i>Journal of Histotechnology</i> , 2014 , 37, 132-137	1.3	1
16	Association between increased expression of endothelial isoform of nitric oxide synthase in the human fallopian tube and tubal ectopic pregnancy. <i>Iranian Journal of Reproductive Medicine</i> , 2014 , 12, 19-28		2
15	The effects of insulin-like growth factor-1 gene therapy and cell transplantation on rat acute wound model. <i>Iranian Red Crescent Medical Journal</i> , 2014 , 16, e16323	1.3	8
14	The effect of vitrification on ultrastructure of human in vitro matured germinal vesicle oocytes. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 167, 69-75	2.4	40
13	Repeated versus single transplantation of mesenchymal stem cells in carbon tetrachloride-induced liver injury in mice. <i>Cell Biology International</i> , 2013 , 37, 340-7	4.5	14
12	A fresh look at the male-specific region of the human Y chromosome. <i>Journal of Proteome Research</i> , 2013 , 12, 6-22	5.6	39
11	Prenatal testosterone exposure worsen the reproductive performance of male rat at adulthood. <i>PLoS ONE</i> , 2013 , 8, e71705	3.7	14
10	Mesenchymal stem cells as an alternative for Schwann cells in rat spinal cord injury. <i>Iranian Biomedical Journal</i> , 2013 , 17, 113-22	2	14
9	Transplantation of schwann cells differentiated from adipose stem cells improves functional recovery in rat spinal cord injury. <i>Archives of Iranian Medicine</i> , 2013 , 16, 533-41	2.4	17
8	Proliferation of small number of human spermatogonial stem cells obtained from azoospermic patients. <i>Journal of Assisted Reproduction and Genetics</i> , 2012 , 29, 957-67	3.4	37
7	Potential applications of sheep oocytes as affected by vitrification and in vitro aging. <i>Theriogenology</i> , 2012 , 77, 1741-53	2.8	19
6	Differentiation of bone marrow-derived mesenchymal stem cells into hepatocyte-like cells on nanofibers and their transplantation into a carbon tetrachloride-induced liver fibrosis model. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 103-18	6.4	103
5	Mesenchymal stem cell infusion therapy in a carbon tetrachloride-induced liver fibrosis model affects matrix metalloproteinase expression. <i>Cell Biology International</i> , 2010 , 34, 601-5	4.5	84
4	Molecular and ultrastructural characterization of endothelial cells differentiated from human bone marrow mesenchymal stem cells. <i>Cell Biology International</i> , 2008 , 32, 1183-92	4.5	41
3	Effect of low-level laser therapy on skin fibroblasts of streptozotocin-diabetic rats. <i>Photomedicine and Laser Surgery</i> , 2007 , 25, 519-25		21
2	Ultrastructural comparison of developing mouse embryonic stem cell- and in vivo-derived cardiomyocytes. <i>Cell Biology International</i> , 2006 , 30, 800-7	4.5	27

- 1 The effect of 30-day pretreatment with pentoxifylline on the survival of a random skin flap in the rat: an ultrastructural and biomechanical evaluation. *Medical Science Monitor*, **2006**, 12, BR201-7 3.2 13