

Nasser Aghdami

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

3,461
citations

126858

33
h-index

175177

52
g-index

118
all docs

118
docs citations

118
times ranked

5858
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Different Cell Culture Mediums on CD8+ T Cells Expansion: A Bioinformatics Study.. Cell Journal, 2022, 24, 155-162.	0.2	0
2	Mesenchymal Stromal Cell Therapy Improves Refractory Perianal Fistula in Crohn's Disease: Case Series Clinical Interventional Study.. Cell Journal, 2022, 24, 62-68.	0.2	2
3	Stem Cell Therapy in Limb Ischemia: State-of-Art, Perspective, and Possible Impacts of Endometrial-Derived Stem Cells. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	5
4	Defining microRNA signatures of hair follicular stem and progenitor cells in healthy and androgenic alopecia patients. Journal of Dermatological Science, 2021, 101, 49-57.	1.0	15
5	Mesenchymal stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS patients: a case series. Stem Cell Research and Therapy, 2021, 12, 91.	2.4	141
6	Promoting Maturation of Human Pluripotent Stem Cell-Derived Renal Microtissue by Incorporation of Endothelial and Mesenchymal Cells. Stem Cells and Development, 2021, 30, 428-440.	1.1	10
7	Conquering the cytokine storm in COVID-19-induced ARDS using placenta-derived decidual stromal cells. Journal of Cellular and Molecular Medicine, 2021, 25, 10554-10564.	1.6	20
8	Bioinspired Device Improves The Cardiogenic Potential of Cardiac Progenitor Cells. Cell Journal, 2021, 23, 129-136.	0.2	0
9	A Novel Insight into Endothelial and Cardiac Cells Phenotype in Systemic Sclerosis Using Patient-Derived Induced Pluripotent Stem Cell. Cell Journal, 2021, 23, 273-287.	0.2	0
10	Effects of Adipose-Derived Stem Cells and Platelet-Rich Plasma Exosomes on The Inductivity of Hair Dermal Papilla Cells. Cell Journal, 2021, 23, 576-583.	0.2	10
11	Safety and Efficacy of Allogeneic Adipose Tissue Mesenchymal Stromal Cells in Amyotrophic Lateral Sclerosis Patients, Single-Center, Prospective, Open-Label, Single-Arm Clinical Trial, Long-Term Follow-up.. Cell Journal, 2021, 23, 772-778.	0.2	1
12	Hair Follicle as a Source of Pigment-Producing Cells for Treatment of Vitiligo: An Alternative to Epidermis?. Tissue Engineering and Regenerative Medicine, 2020, 17, 815-827.	1.6	7
13	Maintaining Hair Inductivity in Human Dermal Papilla Cells: A Review of Effective Methods. Skin Pharmacology and Physiology, 2020, 33, 280-292.	1.1	38
14	Decellularized muscle-derived hydrogels support in vitro cardiac microtissue fabrication. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 3302-3310.	1.6	7
15	Cellular and Molecular Mechanisms of Kidney Development: From the Embryo to the Kidney Organoid. Frontiers in Cell and Developmental Biology, 2020, 8, 183.	1.8	34
16	Long-Term Follow-up of Autologous Fibroblast Transplantation for Facial Contour Deformities, A Non-Randomized Phase IIa Clinical Trial. Cell Journal, 2020, 22, 75-84.	0.2	5
17	TBX18 transcription factor overexpression in human-induced pluripotent stem cells increases their differentiation into pacemaker-like cells. Journal of Cellular Physiology, 2019, 234, 1534-1546.	2.0	31
18	Reversible permeabilization of the mitochondrial membrane promotes human cardiomyocyte differentiation from embryonic stem cells. Journal of Cellular Physiology, 2019, 234, 521-536.	2.0	12

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19	Copper nanoparticles promote rapid wound healing in acute full thickness defect via acceleration of skin cell migration, proliferation, and neovascularization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 684-690.	1.0	90
20	Improved differentiation of human enriched CD133+CD24+ renal progenitor cells derived from embryonic stem cell with embryonic mouse kidney-derived mesenchymal stem cells co-culture. <i>Differentiation</i> , 2019, 109, 1-8.	1.0	6
21	Co-segregation of candidate polymorphism rs201204878 of the PKD1 gene in a large Iranian family with autosomal dominant polycystic disease. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1345-1349.	0.8	0
22	Expansion of Human Pluripotent Stem Cell-derived Early Cardiovascular Progenitor Cells by a Cocktail of Signaling Factors. <i>Scientific Reports</i> , 2019, 9, 16006.	1.6	15
23	Cardioprotective effects of omega-3 fatty acids and ascorbic acid improve regenerative capacity of embryonic stem cell-derived cardiac lineage cells. <i>BioFactors</i> , 2019, 45, 427-438.	2.6	13
24	Programming of ES cells and reprogramming of fibroblasts into renal lineage-like cells. <i>Experimental Cell Research</i> , 2019, 379, 225-234.	1.2	2
25	A randomized, double-blind, phase I clinical trial of fetal cell-based skin substitutes on healing of donor sites in burn patients. <i>Burns</i> , 2019, 45, 914-922.	1.1	24
26	Human cardiomyocytes undergo enhanced maturation in embryonic stem cell-derived organoid transplants. <i>Biomaterials</i> , 2019, 192, 537-550.	5.7	61
27	Autologous bone marrow-derived CD133 cells with core decompression as a novel treatment method for femoral head osteonecrosis: a pilot study. <i>Cytotherapy</i> , 2019, 21, 107-112.	0.3	11
28	Autologous Muscle-derived Cell Injection for Treatment of Female Stress Urinary Incontinence: A Single-Arm Clinical Trial with 24-months Follow-Up. <i>Urology Journal</i> , 2019, 16, 482-487.	0.3	6
29	Safety, Feasibility of Intravenous and Intrathecal Injection of Autologous Bone Marrow Derived Mesenchymal Stromal Cells in Patients with Amyotrophic Lateral Sclerosis: An Open Label Phase I Clinical Trial. <i>Cell Journal</i> , 2019, 20, 592-598.	0.2	29
30	Systemic Infusion of Autologous Adipose Tissue-Derived Mesenchymal Stem Cells in Peritoneal Dialysis Patients: Feasibility and Safety. <i>Cell Journal</i> , 2019, 20, 483-495.	0.2	17
31	Establishment of A Protocol for In Vitro Culture of Cardiogenic Mesodermal Cells Derived from Human Embryonic Stem Cells. <i>Cell Journal</i> , 2019, 20, 496-504.	0.2	5
32	Topical Tacrolimus as an adjunct to Conventional Therapy for Stromal Herpetic Keratitis: a Randomized Clinical Trial. <i>Journal of Ophthalmic and Vision Research</i> , 2019, 14, 400-411.	0.7	11
33	Prospective Isolation of ISL1+ Cardiac Progenitors from Human ESCs for Myocardial Infarction Therapy. <i>Stem Cell Reports</i> , 2018, 10, 848-859.	2.3	23
34	Intra-articular knee implantation of autologous bone marrow-derived mesenchymal stromal cells in rheumatoid arthritis patients with knee involvement: Results of a randomized, triple-blind, placebo-controlled phase 1/2 clinical trial. <i>Cytotherapy</i> , 2018, 20, 499-506.	0.3	70
35	Extracellular vesicles derived from human embryonic stem cell-MSCs ameliorate cirrhosis in thioacetamide-induced chronic liver injury. <i>Journal of Cellular Physiology</i> , 2018, 233, 9330-9344.	2.0	90
36	Identification of Three Novel Frameshift Mutations in the PKD1 Gene in Iranian Families with Autosomal Dominant Polycystic Kidney Disease Using Efficient Targeted Next-Generation Sequencing. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 471-478.	0.9	6

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37	Bone marrowâ€“mesenchymal stromal cell infusion in patients with chronic kidney disease: A safety study with 18 months of follow-up. <i>Cytotherapy</i> , 2018, 20, 660-669.	0.3	39
38	A single-arm open-label clinical trial of autologous epidermal cell transplantation for stable vitiligo: A 30-month follow-up. <i>Journal of Dermatological Science</i> , 2018, 89, 52-59.	1.0	18
39	Human embryonic stem cell-derived cardiovascular progenitor cells efficiently colonize in bFGF-tethered natural matrix to construct contracting humanized rat hearts. <i>Biomaterials</i> , 2018, 154, 99-112.	5.7	36
40	Improving the biological function of decellularized heart valves through integration of protein tethering and threeâ€“dimensional cell seeding in a bioreactor. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1865-e1879.	1.3	11
41	Exosomes secreted by hypoxic cardiosphereâ€“derived cells enhance tube formation and increase proâ€“angiogenic miRNA. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4150-4160.	1.2	71
42	Intra-articular implantation of autologous bone marrowâ€“derived mesenchymal stromal cells to treat knee osteoarthritis: a randomized, triple-blind, placebo-controlled phase 1/2 clinical trial. <i>Cytotherapy</i> , 2018, 20, 1238-1246.	0.3	106
43	Amniotic Membrane Seeded Fetal Fibroblasts as Skin Substitute for Wound Regeneration. <i>Methods in Molecular Biology</i> , 2018, 1879, 211-219.	0.4	6
44	Cultivation of Adipose-Derived Stromal Cells on Intact Amniotic Membrane-Based Scaffold for Skin Tissue Engineering. <i>Methods in Molecular Biology</i> , 2018, 1879, 201-210.	0.4	6
45	COMPARE CPM-RMI Trial: Intramyocardial Transplantation of Autologous Bone Marrow-Derived CD133+ Cells and MNCs during CABG in Patients with Recent MI: A Phase II/III, Multicenter, Placebo-Controlled, Randomized, Double-Blind Clinical Trial. <i>Cell Journal</i> , 2018, 20, 267-277.	0.2	19
46	Isolation, Characterization and Osteogenic Potential of Mouse Digit Tip Blastema Cells in Comparison with Bone Marrow-Derived Mesenchymal Stem Cells In Vitro. <i>Cell Journal</i> , 2018, 19, 585-598.	0.2	8
47	Engineering natural heart valves: possibilities and challenges. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1675-1683.	1.3	20
48	Cell-based skin substitutes accelerate regeneration of extensive burn wounds in rats. <i>American Journal of Surgery</i> , 2017, 214, 762-769.	0.9	42
49	Transient Activation of Reprogramming Transcription Factors Using Protein Transduction Facilitates Conversion of Human Fibroblasts Toward Cardiomyocyte-Like Cells. <i>Molecular Biotechnology</i> , 2017, 59, 207-220.	1.3	13
50	Safety and tolerability of autologous bone marrow mesenchymal stromal cells in ADPKD patients. <i>Stem Cell Research and Therapy</i> , 2017, 8, 116.	2.4	57
51	Midterm outcomes of penetrating keratoplasty after cultivated oral mucosal epithelial transplantation in chemical burn. <i>Ocular Surface</i> , 2017, 15, 789-794.	2.2	18
52	Gelatin/chondroitin sulfate nanofibrous scaffolds for stimulation of wound healing: <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2020-2034.	2.1	52
53	Hair Follicle Generation by Injections of Adult Human Follicular Epithelial and Dermal Papilla Cells into Nude Mice. <i>Cell Journal</i> , 2017, 19, 259-268.	0.2	25
54	Percutaneous Autologous Bone Marrow-Derived Mesenchymal Stromal Cell Implantation Is Safe for Reconstruction of Human Lower Limb Long Bone Atrophic Nonunion. <i>Cell Journal</i> , 2017, 19, 159-165.	0.2	19

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55	Intravitreal injection of bone marrow mesenchymal stem cells in patients with advanced retinitis pigmentosa; a safety study. <i>Journal of Ophthalmic and Vision Research</i> , 2017, 12, 58.	0.7	63
56	Intraportal Infusion of Bone Marrow Mononuclear or CD133+ Cells in Patients With Decompensated Cirrhosis: A Double-Blind Randomized Controlled Trial. <i>Stem Cells Translational Medicine</i> , 2016, 5, 87-94.	1.6	36
57	Experimental evidences for hsa-miR-497-5p as a negative regulator of SMAD3 gene expression. <i>Gene</i> , 2016, 586, 216-221.	1.0	28
58	Human Hair Reconstruction: Close, But Yet So Far. <i>Stem Cells and Development</i> , 2016, 25, 1767-1779.	1.1	27
59	Is TGF β 2 as an anti-inflammatory cytokine required for differentiation of inflammatory TH17 cells?. <i>Journal of Immunotoxicology</i> , 2016, 13, 775-783.	0.9	19
60	Large-Scale Production of Cardiomyocytes from Human Pluripotent Stem Cells Using a Highly Reproducible Small Molecule-Based Differentiation Protocol. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	13
61	Influence of decellularized pericardium matrix on the behavior of cardiac progenitors. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	4
62	The effect of pro-inflammatory cytokines on immunophenotype, differentiation capacity and immunomodulatory functions of human mesenchymal stem cells. <i>Cytokine</i> , 2016, 85, 51-60.	1.4	101
63	Effect of autologous muscle-derived cells in the treatment of urinary incontinence in female patients with intrinsic sphincter deficiency and epispadias: A prospective study. <i>International Journal of Urology</i> , 2016, 23, 581-586.	0.5	18
64	Human cardiomyocyte generation from pluripotent stem cells: A state-of-art. <i>Life Sciences</i> , 2016, 145, 98-113.	2.0	65
65	Electrically conductive gold nanoparticle-chitosan thermosensitive hydrogels for cardiac tissue engineering. <i>Materials Science and Engineering C</i> , 2016, 63, 131-141.	3.8	253
66	Stem cells and injectable hydrogels: Synergistic therapeutics in myocardial repair. <i>Biotechnology Advances</i> , 2016, 34, 362-379.	6.0	106
67	Mesenchymal Stromal Cells Implantation in Combination with Platelet Lysate Product Is Safe for Reconstruction of Human Long Bone Nonunion. <i>Cell Journal</i> , 2016, 18, 302-309.	0.2	18
68	Repeated Intraportal Injection of Mesenchymal Stem Cells in Combination with Pioglitazone in Patients with Compensated Cirrhosis: A Clinical Report of Two Cases. <i>Archives of Iranian Medicine</i> , 2016, 19, 131-6.	0.2	18
69	Safety and Efficacy of Repeated Bone Marrow Mononuclear Cell Therapy in Patients with Critical Limb Ischemia in a Pilot Randomized Controlled Trial. <i>Archives of Iranian Medicine</i> , 2016, 19, 388-96.	0.2	21
70	Facile Fabrication of Egg White Macroporous Sponges for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 2281-2290.	3.9	41
71	Ascorbic acid promotes the direct conversion of mouse fibroblasts into beating cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 699-705.	1.0	28
72	Intrathecal injection of CD133-positive enriched bone marrow progenitor cells in children with cerebral palsy: feasibility and safety. <i>Cytotherapy</i> , 2015, 17, 232-241.	0.3	27

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73	Isolation and characterization of cardiogenic, stem-like cardiac precursors from heart samples of patients with congenital heart disease. <i>Life Sciences</i> , 2015, 137, 105-115.	2.0	9
74	Cellular and Molecular Characterization of Human Cardiac Stem Cells Reveals Key Features Essential for Their Function and Safety. <i>Stem Cells and Development</i> , 2015, 24, 1390-1404.	1.1	18
75	Exogenous treatment with eicosapentaenoic acid supports maturation of cardiomyocytes derived from embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 281-286.	1.0	8
76	Autologous transplantation of mesenchymal stromal cells tends to prevent progress of interstitial fibrosis in a rhesus <i>Macaca mulatta</i> monkey model of chronic kidney disease. <i>Cytotherapy</i> , 2015, 17, 1495-1505.	0.3	18
77	THERAPY OF ENDOCRINE DISEASE: Islet transplantation for type 1 diabetes: so close and yet so far away. <i>European Journal of Endocrinology</i> , 2015, 173, R165-R183.	1.9	43
78	A Universal and Robust Integrated Platform for the Scalable Production of Human Cardiomyocytes From Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1482-1494.	1.6	104
79	Fabrication and characterization of spongy denuded amniotic membrane based scaffold for tissue engineering. <i>Cell Journal</i> , 2015, 16, 476-87.	0.2	41
80	Differentiation potential of o bombay human-induced pluripotent stem cells and human embryonic stem cells into fetal erythroid-like cells. <i>Cell Journal</i> , 2015, 16, 426-39.	0.2	3
81	Treatment of Hypertrophic Scar in Human with Autologous Transplantation of Cultured Keratinocytes and Fibroblasts along with Fibrin Glue. <i>Cell Journal</i> , 2015, 17, 49-58.	0.2	7
82	In Vitro Differentiation of Human Umbilical Cord Blood CD133(+)Cells into Insulin Producing Cells in Co-Culture with Rat Pancreatic Mesenchymal Stem Cells. <i>Cell Journal</i> , 2015, 17, 211-20.	0.2	11
83	Long-Term Follow-up of Intra-articular Injection of Autologous Mesenchymal Stem Cells in Patients with Knee, Ankle, or Hip Osteoarthritis. <i>Archives of Iranian Medicine</i> , 2015, 18, 336-44.	0.2	98
84	Cell-loaded gelatin/chitosan scaffolds fabricated by salt-leaching/lyophilization for skin tissue engineering: <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3908-3917.	2.1	60
85	The behavior of cardiac progenitor cells on macroporous pericardium-derived scaffolds. <i>Biomaterials</i> , 2014, 35, 970-982.	5.7	97
86	Intra-renal arterial injection of autologous bone marrow mesenchymal stromal cells ameliorates cisplatin-induced acute kidney injury in a rhesus <i>Macaque mulatta</i> monkey model. <i>Cytotherapy</i> , 2014, 16, 734-749.	0.3	43
87	Stauprimide Priming of Human Embryonic Stem Cells toward Definitive Endoderm. <i>Cell Journal</i> , 2014, 16, 63-72.	0.2	5
88	Disease-Corrected Hepatocyte-Like Cells from Familial Hypercholesterolemia-Induced Pluripotent Stem Cells. <i>Molecular Biotechnology</i> , 2013, 54, 863-873.	1.3	41
89	Therapeutic potential of human-induced pluripotent stem cell-derived endothelial cells in a bleomycin-induced scleroderma mouse model. <i>Stem Cell Research</i> , 2013, 10, 288-300.	0.3	23
90	Mesenchymal stem cell-conditioned medium accelerates regeneration of human renal proximal tubule epithelial cells after gentamicin toxicity. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 595-600.	2.1	46

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91	Reconstruction of Human Mandibular Continuity Defects With Allogenic Scaffold and Autologous Marrow Mesenchymal Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 1292-1297.	0.3	29
92	ISL1 Protein Transduction Promotes Cardiomyocyte Differentiation from Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e55577.	1.1	34
93	Inhibition of glycogen synthase kinase-3 promotes efficient derivation of pluripotent stem cells from neonatal mouse testis. <i>Human Reproduction</i> , 2012, 27, 2312-2324.	0.4	11
94	Effect of mesenchymal stem cells on Doxorubicin-induced fibrosis. <i>Cell Journal</i> , 2012, 14, 142-51.	0.2	26
95	Surveillance for hepatocellular carcinoma after autologous stem cell transplantation in cirrhosis. <i>Middle East Journal of Digestive Diseases</i> , 2012, 4, 145-9.	0.2	7
96	Five-year follow-up of the local autologous transplantation of CD133+ enriched bone marrow cells in patients with myocardial infarction. <i>Archives of Iranian Medicine</i> , 2012, 15, 32-5.	0.2	17
97	Lack of beneficial effects of granulocyte colony-stimulating factor in patients with subacute myocardial infarction undergoing late revascularization: a double-blind, randomized, placebo-controlled clinical trial. <i>Acta Cardiologica</i> , 2011, 66, 219-224.	0.3	8
98	Quantum dot labeling using positive charged peptides in human hematopoietic and mesenchymal stem cells. <i>Biomaterials</i> , 2011, 32, 5195-5205.	5.7	43
99	Autologous transplantation of bone marrow-derived mononuclear and CD133(+) cells in patients with decompensated cirrhosis. <i>Archives of Iranian Medicine</i> , 2011, 14, 12-7.	0.2	44
100	Mesenchymal stem cells from murine amniotic fluid as a model for preclinical investigation. <i>Archives of Iranian Medicine</i> , 2011, 14, 96-103.	0.2	12
101	Midterm Outcomes of Autologous Cultivated Limbal Stem Cell Transplantation With or Without Penetrating Keratoplasty. <i>Cornea</i> , 2010, 29, 502-509.	0.9	71
102	Intraepidermal injection of dissociated epidermal cell suspension improves vitiligo. <i>Archives of Dermatological Research</i> , 2010, 302, 593-599.	1.1	31
103	Feeder- and serum-free establishment and expansion of human induced pluripotent stem cells. <i>International Journal of Developmental Biology</i> , 2010, 54, 877-886.	0.3	93
104	Generation of human induced pluripotent stem cells from a Bombay individual: Moving towards a universal-donor red blood cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 329-334.	1.0	34
105	Safety and efficacy of granulocyte colony-stimulating factor administration following autologous intramuscular implantation of bone marrow mononuclear cells: a randomized controlled trial in patients with advanced lower limb ischemia. <i>Cytotherapy</i> , 2010, 12, 783-791.	0.3	21
106	Experimental Autoimmune Encephalomyelitis (EAE) Induced by Antigen Pulsed Dendritic Cells in the C57BL/6 Mouse: Influence of Injection Route. <i>Experimental Animals</i> , 2008, 57, 45-55.	0.7	19
107	Treatment of New Cases of Acute Promyelocytic Leukaemia by Arsenic Trioxide. <i>Blood</i> , 2004, 104, 396-396.	0.6	2