

Hamid Reza Aghayan

List of Publications by Year in Descending Order

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

60
papers

795
citations

14
h-index

25
g-index

68
ext. papers

943
ext. citations

2.4
avg, IF

3.81
L-index

#	Paper	IF	Citations
60	A comparative study of pathogen inactivation technologies in human platelet lysate and its optimal efficiency in human placenta-derived stem cells culture.. <i>Journal of Virological Methods</i> , 2022 , 114478	2.6	
59	Machine Learning: A New Prospect in Multi-Omics Data Analysis of Cancer.. <i>Frontiers in Genetics</i> , 2022 , 13, 824451	4.5	6
58	The Fingerprints of Biomedical Science in Internal Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2022 ,	3.6	
57	GMP-Compliant Production of Human Placenta-Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2021 , 2286, 213-225	1.4	6
56	GMP-Compliant Human Schwann Cell Manufacturing for Clinical Application. <i>Methods in Molecular Biology</i> , 2021 , 2286, 227-235	1.4	2
55	Standard Operating Procedure for the Good Manufacturing Practice-Compliant Production of Human Endometrial Stem Cells for Multiple Sclerosis. <i>Methods in Molecular Biology</i> , 2021 , 2286, 199-212 ^{1.4}	1.4	3
54	Organ on a Chip: A Novel Biomimetic Strategy in Amyotrophic Lateral Sclerosis (ALS) Modeling.. <i>Frontiers in Neurology</i> , 2021 , 12, 788462	4.1	2
53	Mesenchymal stem cells\seeded amniotic membrane as a tissue-engineered dressing for wound healing. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	7
52	Placenta derived Mesenchymal Stem Cells transplantation in Type 1 diabetes: preliminary report of phase 1 clinical trial.. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021 , 20, 1179-1189	2.5	1
51	Regenerative Medicine Perspectives in Polycystic Ovary Syndrome. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1341, 125-141	3.6	1
50	Opportunities and Challenges in Stem Cell Aging. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1341, 143-175	3.6	1
49	Improved Differentiation of hESC-Derived Pancreatic Progenitors by Using Human Fetal Pancreatic Mesenchymal Cells in a Micro-scalable Three-Dimensional Co-culture System. <i>Stem Cell Reviews and Reports</i> , 2021 , 1	7.3	3
48	Looking at time dependent differentiation of mesenchymal stem cells by culture media using MALDI-TOF-MS. <i>Cell and Tissue Banking</i> , 2021 , 1	2.2	0
47	Assessment of immune-alternations and their correlations with therapeutic outcomes of transplantation of autologous Mesenchymal and Allogenic fetal stem cells in patients with type 1 diabetes: a study protocol. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021 , 20, 1067-1073	2.5	
46	Human Fetal Skin Fibroblast Isolation and Expansion for Clinical Application. <i>Methods in Molecular Biology</i> , 2020 , 2109, 261-273	1.4	3
45	Cell-based approaches towards treating age-related macular degeneration. <i>Cell and Tissue Banking</i> , 2020 , 21, 339-347	2.2	9
44	Auxiliary role of mesenchymal stem cells as regenerative medicine soldiers to attenuate inflammatory processes of severe acute respiratory infections caused by COVID-19. <i>Cell and Tissue Banking</i> , 2020 , 21, 405-425	2.2	15

43	The Importance of Cleanroom Facility in Manufacturing Biomedical Products. <i>Learning Materials in Biosciences</i> , 2020 , 69-79	0.3	1
42	Antigen-independent killer cells prepared for adoptive immunotherapy: One source, divergent protocols, diverse nomenclature. <i>Journal of Immunological Methods</i> , 2020 , 477, 112690	2.5	4
41	Co-transplantation of Human Fetal Mesenchymal and Hematopoietic Stem Cells in Type 1 Diabetic Mice Model. <i>Frontiers in Endocrinology</i> , 2019 , 10, 761	5.7	19
40	Lipidomics of Adipogenic Differentiation of Mesenchymal Stem Cells. <i>Pancreatic Islet Biology</i> , 2019 , 123-140	1.4	1
39	Therapeutic abortion and ectopic pregnancy: alternative sources for fetal stem cell research and therapy in Iran as an Islamic country. <i>Cell and Tissue Banking</i> , 2019 , 20, 11-24	2.2	17
38	GMP-Compliant Human Fetal Skin Fibroblasts for Wound Healing. <i>Archives of Neuroscience</i> , 2018 , 5,	1.2	7
37	Adipose Tissue-Derived Stromal Cells for Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1119, 133-149	3.6	24
36	The Potential of Circulating Tumor Cells in Personalized Management of Breast Cancer: A Systematic Review. <i>Acta Medica Iranica</i> , 2017 , 55, 175-193		13
35	Concomitant Transurethral and Transvaginal-Periurethral Injection of Autologous Adipose Derived Stem Cells for Treatment of Female Stress Urinary Incontinence: A Phase One Clinical Trial. <i>Acta Medica Iranica</i> , 2017 , 55, 368-374		17
34	Draft of Iranian National Guideline for Cell Therapy Manufacturing. <i>Archives of Iranian Medicine</i> , 2017 , 20, 547-550	2.4	3
33	A New Approach in Gene Therapy of Glioblastoma Multiforme: Human Olfactory Ensheathing Cells as a Novel Carrier for Suicide Gene Delivery. <i>Molecular Neurobiology</i> , 2016 , 53, 5118-28	6.2	14
32	Stem Cell Therapy - Approach for Multiple Sclerosis Treatment. <i>Archives of Neuroscience</i> , 2016 , 3,	1.2	9
31	GMP Facilities for Clinical Cell Therapy Product Manufacturing: A Brief Review of Requirements and Design Considerations. <i>Pancreatic Islet Biology</i> , 2016 , 215-227	0.4	5
30	GMP-Compliant Perinatal Tissue-Derived Stem Cells. <i>Pancreatic Islet Biology</i> , 2016 , 189-213	0.4	3
29	Human fetal skin fibroblasts: Extremely potent and allogenic candidates for treatment of diabetic wounds. <i>Medical Hypotheses</i> , 2015 , 84, 577-9	3.8	19
28	Tissue and organ donation and transplantation in Iran. <i>Cell and Tissue Banking</i> , 2015 , 16, 295-301	2.2	9
27	Stem cell-based approach for the treatment of Parkinson's disease. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015 , 29, 168	1.1	34
26	Case Report: Combination Therapy with Mesenchymal Stem Cells and Granulocyte-Colony Stimulating Factor in a Case of Spinal Cord Injury. <i>Basic and Clinical Neuroscience</i> , 2015 , 6, 299-305	1.4	11

25	Clinical Grade Human Adipose Tissue-Derived Mesenchymal Stem Cell Banking. <i>Acta Medica Iranica</i> , 2015 , 53, 540-6		13
24	A simple and cost-effective method for isolation and expansion of human fetal pancreas derived mesenchymal stem cells. <i>Archives of Iranian Medicine</i> , 2015 , 18, 770-5	2.4	10
23	Cell manufacturing for clinical applications. <i>Stem Cells</i> , 2014 , 32, 2557-8	5.8	12
22	Magnetic resonance imaging of transplanted stem cell fate in stroke. <i>Journal of Research in Medical Sciences</i> , 2014 , 19, 465-71	1.6	10
21	Clinical outcome of autologous mononuclear cells transplantation for spinal cord injury: a systematic review and meta-analysis. <i>Medical Journal of the Islamic Republic of Iran</i> , 2014 , 28, 112	1.1	9
20	The effect of gamma irradiation on the osteoinductivity of demineralized human bone allograft. <i>Acta Medica Iranica</i> , 2014 , 52, 215-9		6
19	Human autologous serum as a substitute for fetal bovine serum in human Schwann cell culture. <i>Acta Medica Iranica</i> , 2014 , 52, 241-5		6
18	Stem cell therapy for treatment of epilepsy. <i>Acta Medica Iranica</i> , 2014 , 52, 651-5		16
17	Bacterial contamination of amniotic membrane in a tissue bank from Iran. <i>Cell and Tissue Banking</i> , 2013 , 14, 401-6	2.2	14
16	Polymeric Scaffolds in Neural Tissue Engineering: A Review. <i>Archives of Neuroscience</i> , 2013 , 1, 15-20	1.2	62
15	The Current State of Clinical Cell Transplantation Trials in Iran: A Survey in 2011. <i>Archives of Neuroscience</i> , 2013 , 1, 7-14	1.2	1
14	Project Management Office in Clinical Research Projects. <i>Archives of Neuroscience</i> , 2013 , 1, 3-6	1.2	
13	Establishing a cGMP pancreatic islet processing facility: the first experience in Iran. <i>Cell and Tissue Banking</i> , 2012 , 13, 569-75	2.2	10
12	The implementation of tissue banking experiences for setting up a cGMP cell manufacturing facility. <i>Cell and Tissue Banking</i> , 2012 , 13, 587-96	2.2	12
11	Clinical grade cultivation of human Schwann cell, by the using of human autologous serum instead of fetal bovine serum and without growth factors. <i>Cell and Tissue Banking</i> , 2012 , 13, 281-5	2.2	25
10	The effect of fetal liver-derived cell suspension allotransplantation on patients with diabetes: first year of follow-up. <i>Acta Medica Iranica</i> , 2012 , 50, 541-6		18
9	Cost-effectiveness of homograft heart valve replacement surgery: an introductory study. <i>Cell and Tissue Banking</i> , 2011 , 12, 153-8	2.2	9
8	Safety of intramedullary Schwann cell transplantation for postrehabilitation spinal cord injuries: 2-year follow-up of 33 cases. <i>Journal of Neurosurgery: Spine</i> , 2011 , 15, 515-25	2.8	100

7	Coding and traceability in Iran. <i>Cell and Tissue Banking</i> , 2010 , 11, 397-400	2.2	11
6	Seroprevalence of human T lymphotropic virus (HTLV) among tissue donors in Iranian tissue bank. <i>Cell and Tissue Banking</i> , 2009 , 10, 247-52	2.2	10
5	Knowledge and attitude of donor cardholders toward organ and tissue donation and transplantation in an Iranian tissue bank: a case-control study. <i>Transplantation Proceedings</i> , 2009 , 41, 2715-7	1.1	5
4	Organ donation workshop - a survey on nurses' knowledge and attitudes toward organ and tissue donation in Iran. <i>International Journal of Artificial Organs</i> , 2009 , 32, 739-44	1.9	13
3	Treatment of chronic thoracic spinal cord injury patients with autologous Schwann cell transplantation: an interim report on safety considerations and possible outcomes. <i>Neuroscience Letters</i> , 2008 , 443, 46-50	3.3	141
2	Comparative study of depression and consent among brain death families in donor and nondonor groups from March 2001 to December 2002 in Tehran. <i>Transplantation Proceedings</i> , 2008 , 40, 3299-302	1.1	8
1	Stem cells researches and therapies towards endocrine diseases treatment; strategies, challenges, and opportunities. <i>Journal of Diabetes and Metabolic Disorders</i> , 1	2.5	1