

# Hamid Reza Aghayan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6390231/publications.pdf>

Version: 2024-02-01

65  
papers

1,102  
citations

471371

17  
h-index

454834

30  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	163
2	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, 515-525.	0.9	124
3	Polymeric Scaffolds in Neural Tissue Engineering: A Review. <i>Archives of Neuroscience</i> , 2013, 1, 15-20.	0.1	84
4	Adipose Tissue-Derived Stromal Cells for Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1119, 133-149.	0.8	42
5	Machine Learning: A New Prospect in Multi-Omics Data Analysis of Cancer. <i>Frontiers in Genetics</i> , 2022, 13, 824451.	1.1	41
6	Stem cell-based approach for the treatment of Parkinson's disease. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 168.	0.9	39
7	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, 281-285.	0.5	28
8	Human fetal skin fibroblasts: Extremely potent and allogenic candidates for treatment of diabetic wounds. <i>Medical Hypotheses</i> , 2015, 84, 577-579.	0.8	28
9	Co-transplantation of Human Fetal Mesenchymal and Hematopoietic Stem Cells in Type 1 Diabetic Mice Model. <i>Frontiers in Endocrinology</i> , 2019, 10, 761.	1.5	27
10	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.	0.5	22
11	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.	0.8	22
12	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.	0.5	21
13	Mesenchymal stem cells™ seeded amniotic membrane as a tissue-engineered dressing for wound healing. <i>Drug Delivery and Translational Research</i> , 2022, 12, 538-549.	3.0	21
14	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, 739-744.	0.7	20
15	Clinical Grade Human Adipose Tissue-Derived Mesenchymal Stem Cell Banking. <i>Acta Medica Iranica</i> , 2015, 53, 540-6.	0.8	20
16	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.	0.8	20
17	GMP-Compliant Production of Human Placenta-Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2020, 2286, 213-225.	0.4	19
18	Stem cell therapy for treatment of epilepsy. <i>Acta Medica Iranica</i> , 2014, 52, 651-5.	0.8	19

#	ARTICLE	IF	CITATIONS
19	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, 5118-5128.	1.9	18
20	The implementation of tissue banking experiences for setting up a cGMP cell manufacturing facility. <i>Cell and Tissue Banking</i> , 2012, 13, 587-596.	0.5	17
21	Bacterial contamination of amniotic membrane in a tissue bank from Iran. <i>Cell and Tissue Banking</i> , 2013, 14, 401-406.	0.5	17
22	The Potential of Circulating Tumor Cells in Personalized Management of Breast Cancer: A Systematic Review. <i>Acta Medica Iranica</i> , 2017, 55, 175-193.	0.8	16
23	Cell Manufacturing for Clinical Applications. <i>Stem Cells</i> , 2014, 32, 2557-2558.	1.4	15
24	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.	0.3	15
25	Cell-based approaches towards treating age-related macular degeneration. <i>Cell and Tissue Banking</i> , 2020, 21, 339-347.	0.5	14
26	Coding and traceability in Iran. <i>Cell and Tissue Banking</i> , 2010, 11, 397-400.	0.5	13
27	Cost-effectiveness of homograft heart valve replacement surgery: an introductory study. <i>Cell and Tissue Banking</i> , 2011, 12, 153-158.	0.5	13
28	Establishing a cGMP pancreatic islet processing facility: the first experience in Iran. <i>Cell and Tissue Banking</i> , 2012, 13, 569-575.	0.5	12
29	Tissue and organ donation and transplantation in Iran. <i>Cell and Tissue Banking</i> , 2015, 16, 295-301.	0.5	12
30	Magnetic resonance imaging of transplanted stem cell fate in stroke. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 465-71.	0.4	12
31	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.	0.9	12
32	Seroprevalence of human T lymphotropic virus (HTLV) among tissue donors in Iranian tissue bank. <i>Cell and Tissue Banking</i> , 2009, 10, 247-252.	0.5	11
33	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.	0.2	11
34	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, 3299-3302.	0.3	10
35	cGMP-Compliant Human Fetal Skin Fibroblasts for Wound Healing. <i>Archives of Neuroscience</i> , 2018, 5, .	0.1	10
36	Organ on a Chip: A Novel in vitro Biomimetic Strategy in Amyotrophic Lateral Sclerosis (ALS) Modeling. <i>Frontiers in Neurology</i> , 2021, 12, 788462.	1.1	10

#	ARTICLE	IF	CITATIONS
37	Stem Cell Therapy Approach for Multiple Sclerosis Treatment. Archives of Neuroscience, 2016, 3, .	0.1	9
38	Standard Operating Procedure for the Good Manufacturing Practice-Compliant Production of Human Endometrial Stem Cells for Multiple Sclerosis. Methods in Molecular Biology, 2020, 2286, 199-212.	0.4	8
39	Improved Differentiation of hESC-Derived Pancreatic Progenitors by Using Human Fetal Pancreatic Mesenchymal Cells in a Micro-scalable Three-Dimensional Co-culture System. Stem Cell Reviews and Reports, 2022, 18, 360-377.	1.7	8
40	GMP Facilities for Clinical Cell Therapy Product Manufacturing: A Brief Review of Requirements and Design Considerations. Pancreatic Islet Biology, 2016, , 215-227.	0.1	7
41	Antigen-independent killer cells prepared for adoptive immunotherapy: One source, divergent protocols, diverse nomenclature. Journal of Immunological Methods, 2020, 477, 112690.	0.6	7
42	Knowledge and Attitude of Donor Cardholders Toward Organ and Tissue Donation and Transplantation in an Iranian Tissue Bank: A Case-Control Study. Transplantation Proceedings, 2009, 41, 2715-2717.	0.3	6
43	Placenta derived Mesenchymal Stem Cells transplantation in Type 1 diabetes: preliminary report of phase 1 clinical trial. Journal of Diabetes and Metabolic Disorders, 2021, 20, 1179-1189.	0.8	6
44	The effect of gamma irradiation on the osteoinductivity of demineralized human bone allograft. Acta Medica Iranica, 2014, 52, 215-9.	0.8	6
45	Human autologous serum as a substitute for fetal bovine serum in human Schwann cell culture. Acta Medica Iranica, 2014, 52, 241-5.	0.8	6
46	GMP-Compliant Perinatal Tissue-Derived Stem Cells. Pancreatic Islet Biology, 2016, , 189-213.	0.1	4
47	Human Fetal Skin Fibroblast Isolation and Expansion for Clinical Application. Methods in Molecular Biology, 2019, 2109, 261-273.	0.4	4
48	Regenerative Medicine Perspectives in Polycystic Ovary Syndrome. Advances in Experimental Medicine and Biology, 2021, 1341, 125-141.	0.8	4
49	Opportunities and Challenges in Stem Cell Aging. Advances in Experimental Medicine and Biology, 2021, 1341, 143-175.	0.8	4
50	GMP-Compliant Human Schwann Cell Manufacturing for Clinical Application. Methods in Molecular Biology, 2020, 2286, 227-235.	0.4	3
51	The Importance of Cleanroom Facility in Manufacturing Biomedical Products. Learning Materials in Biosciences, 2020, , 69-79.	0.2	3
52	Draft of Iranian National Guideline for Cell Therapy Manufacturing. Archives of Iranian Medicine, 2017, 20, 547-550.	0.2	3
53	Xeno-free protocol for GMP-compliant manufacturing of human fetal pancreas-derived mesenchymal stem cells. Stem Cell Research and Therapy, 2022, 13, .	2.4	3
54	Immunopathology of Type 1 Diabetes and Immunomodulatory Effects of Stem Cells: A Narrative Review of the Literature. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, .	0.6	2

#	ARTICLE	IF	CITATIONS
55	Stem cells researches and therapies towards endocrine diseases treatment; strategies, challenges, and opportunities. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	0.8	2
56	Effects of Adipose-Derived Mesenchymal Stem Cells and Human Amniotic Membrane on Sciatic Nerve Repair in Rats. <i>Archives of Neuroscience</i> , 2021, 8, .	0.1	2
57	Looking at time dependent differentiation of mesenchymal stem cells by culture media using MALDI-TOF-MS. <i>Cell and Tissue Banking</i> , 2022, 23, 653-668.	0.5	2
58	A Xeno-Free Protocol for Cultivation of Human Fetal Pancreas Derived Mesenchymal Stem Cells. <i>Cytotherapy</i> , 2016, 18, S134.	0.3	1
59	Preliminary Results of Schwann Cell Transplantation for Chronic Spinal Cord Injuries. <i>Neurosurgery</i> , 2008, 62, 1410.	0.6	1
60	The Current State of Clinical Cell Transplantation Trials in Iran: A Survey in 2011. <i>Archives of Neuroscience</i> , 2013, 1, 7-14.	0.1	1
61	Lipidomics of Adipogenic Differentiation of Mesenchymal Stem Cells. <i>Pancreatic Islet Biology</i> , 2019, , 123-140.	0.1	1
62	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, 302, 114478.	1.0	1
63	Assessment of immune-alterations 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.	0.8	0
64	Project Management Office in Clinical Research Projects. <i>Archives of Neuroscience</i> , 2013, 1, 3-6.	0.1	0
65	The Fingerprints of Biomedical Science in Internal Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2022, , .	0.8	0