

# Massoud

## List of Publications by Citations

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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.

89  
papers

1,267  
citations

21  
h-index

32  
g-index

101  
ext. papers

1,901  
ext. citations

5.6  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
89	Personalized Cancer Medicine: An Organoid Approach. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 358-371	15.1	116
88	Generation of functional hepatocyte-like cells from human pluripotent stem cells in a scalable suspension culture. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 2693-705	4.4	88
87	Clinical hepatocyte transplantation: practical limits and possible solutions. <i>European Surgical Research</i> , <b>2015</b> , 54, 162-77	1.1	74
86	Mesenchymal stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS patients: a case series. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 91	8.3	61
85	Three-dimensional liver-derived extracellular matrix hydrogel promotes liver organoids function. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 4320-4333	4.7	60
84	Extracellular vesicles derived from human embryonic stem cell-MSCs ameliorate cirrhosis in thioacetamide-induced chronic liver injury. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 9330-9344	7	59
83	Circular RNAs: New Epigenetic Signatures in Viral Infections. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1853	5.7	36
82	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> , <b>2018</b> , 159, 174-188	15.6	34
81	Autophagy-related microRNAs: Possible regulatory roles and therapeutic potential in and gastrointestinal cancers. <i>Pharmacological Research</i> , <b>2020</b> , 161, 105133	10.2	33
80	Rapid and sensitive assessment of human hepatocyte functions. <i>Cell Transplantation</i> , <b>2014</b> , 23, 1545-56	4	32
79	Stem cell therapy in Alzheimer's disease: possible benefits and limiting drawbacks. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 1425-1446	2.8	32
78	Cell-based therapeutics for liver disorders. <i>British Medical Bulletin</i> , <b>2011</b> , 100, 157-72	5.4	31
77	Tissue Engineering in Liver Regenerative Medicine: Insights into Novel Translational Technologies. <i>Cells</i> , <b>2020</b> , 9,	7.9	31
76	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104148	15.6	30
75	Guide to the Assessment of Mature Liver Gene Expression in Stem Cell-Derived Hepatocytes. <i>Stem Cells and Development</i> , <b>2019</b> , 28, 907-919	4.4	29
74	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. <i>Pharmacological Research</i> , <b>2020</b> , 160, 105199	10.2	29
73	Towards improved hepatocyte cultures: Progress and limitations. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 138, 111188	4.7	28

72	Novel therapeutic approaches for treatment of COVID-19. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 789-803	6.3	27
71	Engineering a Model to Study Viral Infections: Bioprinting, Microfluidics, and Organoids to Defeat Coronavirus Disease 2019 (COVID-19). <i>International Journal of Bioprinting</i> , <b>2020</b> , 6, 302	6.2	27
70	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> , <b>2016</b> , 5, 87-94	6.9	25
69	The Use of Induced Pluripotent Stem Cells for the Study and Treatment of Liver Diseases. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2016</b> , 67, 14.13.1-14.13.27	6.7	23
68	Epigenetic Modifications of the Liver Tumor Cell Line HepG2 Increase Their Drug Metabolic Capacity. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
67	Differentiation of human embryonic stem cells to hepatocyte-like cells on a new developed xeno-free extracellular matrix. <i>Histochemistry and Cell Biology</i> , <b>2014</b> , 142, 217-26	2.4	17
66	Autophagy and gastrointestinal cancers: the behind the scenes role of long non-coding RNAs in initiation, progression, and treatment resistance. <i>Cancer Gene Therapy</i> , <b>2021</b> , 28, 1229-1255	5.4	17
65	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> , <b>2016</b> , 19, 131-6	2.4	17
64	Therapeutic modalities and novel approaches in regenerative medicine for COVID-19. <i>International Journal of Antimicrobial Agents</i> , <b>2020</b> , 56, 106208	14.3	15
63	Oxygen releasing materials: Towards addressing the hypoxia-related issues in tissue engineering. <i>Materials Science and Engineering C</i> , <b>2021</b> , 122, 111896	8.3	15
62	An update to "novel therapeutic approaches for treatment of COVID-19". <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 303-310	5.5	13
61	Developing a Cost-Effective and Scalable Production of Human Hepatic Competent Endoderm from Size-Controlled Pluripotent Stem Cell Aggregates. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 262-274	4.4	12
60	cis pT231-Tau Drives Neurodegeneration in Bipolar Disorder. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1214-1221	5.7	12
59	A Possible Neurodegeneration Mechanism Triggered by Diabetes. <i>Trends in Endocrinology and Metabolism</i> , <b>2019</b> , 30, 692-700	8.8	11
58	Fibrin-based Bioinks: New Tricks from an Old Dog. <i>International Journal of Bioprinting</i> , <b>2020</b> , 6, 269	6.2	11
57	Smart and Biomimetic 3D and 4D Printed Composite Hydrogels: Opportunities for Different Biomedical Applications. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	10
56	Evolution of organoid technology: Lessons learnt in Co-Culture systems from developmental biology. <i>Developmental Biology</i> , <b>2021</b> , 475, 37-53	3.1	10
55	Cross-talk between immune system and microbiota in COVID-19. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2021</b> , 15, 1281-1294	4.2	9

54	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> , <b>2020</b> , 29, 301-313	4.4	9
53	3D modeling in cancer studies. <i>Human Cell</i> , <b>2021</b> , 35, 23	4.5	8
52	Generated Hepatocyte-Like Cells: A Novel Tool in Regenerative Medicine and Drug Discovery. <i>Cell Journal</i> , <b>2017</b> , 19, 204-217	2.4	8
51	Critical signaling pathways governing hepatocellular carcinoma behavior; small molecule-based approaches. <i>Cancer Cell International</i> , <b>2021</b> , 21, 208	6.4	8
50	Is There any Alternative Receptor for SARS-CoV-2?. <i>Cell Journal</i> , <b>2021</b> , 23, 247-250	2.4	7
49	IBD Patients Could Be Silent Carriers for Novel Coronavirus and Less Prone to its Severe Adverse Events: True or False?. <i>Cell Journal</i> , <b>2020</b> , 22, 151-154	2.4	7
48	Novel molecular targets in gastric adenocarcinoma. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 220, 107714	13.9	7
47	Organoids: a novel modality in disease modeling. <i>Bio-Design and Manufacturing</i> , <b>2021</b> , 4, 1-28	4.7	7
46	Eradicating radionuclides in cancer treatment, novel insight into promising approach. <i>Pharmacological Research</i> , <b>2020</b> , 160, 105070	10.2	6
45	Applying hydrodynamic pressure to efficiently generate induced pluripotent stem cells via reprogramming of centenarian skin fibroblasts. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215490	3.7	5
44	Tissue-Specific Microparticles Improve Organoid Microenvironment for Efficient Maturation of Pluripotent Stem-Cell-Derived Hepatocytes. <i>Cells</i> , <b>2021</b> , 10,	7.9	5
43	Gene Editing Correction of a Urea Cycle Defect in Organoid Stem Cell Derived Hepatocyte-like Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
42	Engineering biomimetic intestinal topological features in 3D tissue models: retrospects and prospects. <i>Bio-Design and Manufacturing</i> , <b>2021</b> , 4, 568-595	4.7	5
41	Organoids in modelling infectious diseases. <i>Drug Discovery Today</i> , <b>2021</b> , 27, 223-223	8.8	5
40	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: Stimuli-responsive carriers, co-delivery and suppressing resistance.. <i>Expert Opinion on Drug Delivery</i> , <b>2022</b> ,	8	5
39	Conditioned Media Derived from Human Adipose Tissue Mesenchymal Stromal Cells Improves Primary Hepatocyte Maintenance. <i>Cell Journal</i> , <b>2018</b> , 20, 377-387	2.4	4
38	The role of non-coding RNAs in chemotherapy for gastrointestinal cancers. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 26, 892-926	10.7	4
37	Generation of Scalable Hepatic Micro-Tissues as a Platform for Toxicological Studies. <i>Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 17, 459-475	4.5	4

36	Advanced therapeutic modalities in hepatocellular carcinoma: Novel insights. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 8602-8614	5.6	4
35	Prenatal liver stromal cells: Favorable feeder cells for long-term culture of hepatic progenitor cells. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 16624-16633	4.7	3
34	Rhenium Perrhenate (ReO) Induced Apoptosis and Reduced Cancerous Phenotype in Liver Cancer Cells.. <i>Cells</i> , <b>2022</b> , 11,	7.9	3
33	COVID-19 Vaccination Willingness and Acceptability in Multiple Sclerosis Patients: A Cross Sectional Study in Iran.. <i>Vaccines</i> , <b>2022</b> , 10,	5.3	3
32	New Platforms For Drug Screening And Toxicology: Necessity Or Need?. <i>Modern Medical Laboratory Journal</i> , <b>2018</b> , 2, 107-109	0.5	3
31	Novel cell-based therapies in inflammatory bowel diseases: the established concept, promising results. <i>Human Cell</i> , <b>2021</b> , 34, 1289-1300	4.5	3
30	Dynamic Changes of Mitochondrial DNA Copy Number in Gastrointestinal Tract Cancers: A Systematic Review and Meta-Analysis. <i>Cancer Investigation</i> , <b>2021</b> , 39, 163-179	2.1	3
29	Approach to tune drug release in particles fabricated from methacrylate functionalized polylactides. <i>Molecular Systems Design and Engineering</i> , <b>2021</b> , 6, 202-213	4.6	3
28	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> , <b>2021</b> , 1	7.3	3
27	3D or not 3D: a guide to assess cell viability in 3D cell systems.. <i>Soft Matter</i> , <b>2022</b> ,	3.6	3
26	Novel insights in CAR-NK cells beyond CAR-T cell technology; promising advantages.. <i>International Immunopharmacology</i> , <b>2022</b> , 106, 108587	5.8	2
25	Autologous Bone Marrow Stem Cell Transplantation in Liver Cirrhosis after Correcting Nutritional Anomalies, A Controlled Clinical Study. <i>Cell Journal</i> , <b>2019</b> , 21, 268-273	2.4	2
24	A Quick update from the Past to Current Status of Human Pluripotent Stem Cell-derived Hepatocyte culture systems. <i>Modern Medical Laboratory Journal</i> , <b>2018</b> , 2, 110-112	0.5	2
23	Clinical and imaging outcomes after intrathecal injection of umbilical cord tissue mesenchymal stem cells in cerebral palsy: a randomized double-blind sham-controlled clinical trial. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 439	8.3	2
22	Mimicking the liver function in micro-patterned units: Challenges and perspectives in 3D bioprinting. <i>Bioprinting</i> , <b>2022</b> , 27, e00208	7	2
21	The Optimized Formulation of Tamoxifen-Loaded Niosomes Efficiently Induced Apoptosis and Cell Cycle Arrest in Breast Cancer Cells.. <i>AAPS PharmSciTech</i> , <b>2022</b> , 23, 57	3.9	1
20	Possible Male Reproduction Complications after Coronavirus Pandemic. <i>Cell Journal</i> , <b>2021</b> , 23, 382-388	2.4	1
19	Application of Stem Cell-Derived Extracellular Vesicles as an Innovative Theranostics in Microbial Diseases.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 785856	5.7	1

18	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications (Adv. Funct. Mater. 42/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170312	15.6	1
17	Biofabrication of size-controlled liver microtissues incorporated with ECM-derived microparticles to prolong hepatocyte function. <i>Bio-Design and Manufacturing</i> , <b>2021</b> , 4, 790-805	4.7	1
16	Gene editing technology for improving life quality: A dream coming true?. <i>Clinical Genetics</i> , <b>2021</b> , 99, 67-83	4	1
15	Research Performance in Stem Cell Science and Regenerative Medicine in Iran: A National Comprehensive Observation. <i>Archives of Iranian Medicine</i> , <b>2019</b> , 22, 318-327	2.4	1
14	In vitro modeling of liver fibrosis in 3D microtissues using scalable micropatterning system.. <i>Archives of Toxicology</i> , <b>2022</b> , 1	5.8	1
13	Virus, Exosome, and MicroRNA: New Insights into Autophagy. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> ,	3.6	1
12	Mini review ATF4 and GRP78 as novel molecular targets in ER-Stress modulation for critical COVID-19 patients.. <i>Molecular Biology Reports</i> , <b>2022</b> , 49, 1545	2.8	0
11	Hepatic stellate cell activation by TGF $\beta$ induces hedgehog signaling and endoplasmic reticulum stress simultaneously.. <i>Toxicology in Vitro</i> , <b>2022</b> , 80, 105315	3.6	0
10	The safety and efficacy of umbilical cord blood mononuclear cells in individuals with spastic cerebral palsy: a randomized double-blind sham-controlled clinical trial.. <i>BMC Neurology</i> , <b>2022</b> , 22, 123	3.1	0
9	Natural Scaffolds Used for Liver Regeneration: A Narrative Update.. <i>Stem Cell Reviews and Reports</i> , <b>2022</b> , 1	7.3	0
8	Single vs. double intracoronary injection of mesenchymal stromal cell after acute myocardial infarction: the study protocol from a randomized clinical trial: BOOSTER-TAHA7 trial.. <i>Trials</i> , <b>2022</b> , 23, 293	2.8	0
7	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.. <i>Cell Journal</i> , <b>2021</b> , 23, 772-778	2.4	0
6	Mitochondrial DNA Copy Number Variations and Serum Pepsinogen Levels for Risk Assessment in Gastric Cancer. <i>Iranian Biomedical Journal</i> , <b>2021</b> , 25, 323-33	2	
5	The nano-based theranostics for respiratory complications of COVID-19. <i>Drug Development and Industrial Pharmacy</i> , <b>2021</b> , 1-9	3.6	
4	Mitochondrial DNA Copy Number Variations in Gastrointestinal Tract Cancers: Potential Players. <i>Journal of Gastrointestinal Cancer</i> , <b>2021</b> , 1	1.6	
3	Mesenchymal Stromal Cell Therapy Improves Refractory Perianal Fistula in Crohn's Disease: Case Series Clinical Interventional Study.. <i>Cell Journal</i> , <b>2022</b> , 24, 62-68	2.4	
2	Female Reproductive Health in SARS-CoV-2 Pandemic Era.. <i>International Journal of Fertility &amp; Sterility</i> , <b>2021</b> , 15, 241-245	1.9	
1	Stem cell therapy for vocal fold regeneration after scarring: a review of experimental approaches.. <i>Stem Cell Research and Therapy</i> , <b>2022</b> , 13, 176	8.3	

