

Maroun Khoury

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,217
citations

126708

33
h-index

114278

63
g-index

73
all docs

73
docs citations

73
times ranked

6456
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Efficacy of the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Patients With Heart Failure. <i>Circulation Research</i> , 2017, 121, 1192-1204.	2.0	319
2	Expression of human cytokines dramatically improves reconstitution of specific human-blood lineage cells in humanized mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21783-21788.	3.3	251
3	Umbilical Cord-Derived Mesenchymal Stromal Cells (MSCs) for Knee Osteoarthritis: Repeated MSC Dosing Is Superior to a Single MSC Dose and to Hyaluronic Acid in a Controlled Randomized Phase I/II Trial. <i>Stem Cells Translational Medicine</i> , 2019, 8, 215-224.	1.6	212
4	Current status of cell-based therapies for respiratory virus infections: applicability to COVID-19. <i>European Respiratory Journal</i> , 2020, 55, 2000858.	3.1	193
5	Antimicrobial Activity of Mesenchymal Stem Cells: Current Status and New Perspectives of Antimicrobial Peptide-Based Therapies. <i>Frontiers in Immunology</i> , 2017, 8, 339.	2.2	191
6	Efficient new cationic liposome formulation for systemic delivery of small interfering RNA silencing tumor necrosis factor α in experimental arthritis. <i>Arthritis and Rheumatism</i> , 2006, 54, 1867-1877.	6.7	175
7	Mesenchymal Stem Cells Repress Th17 Molecular Program through the PD-1 Pathway. <i>PLoS ONE</i> , 2012, 7, e45272.	1.1	161
8	Mesenchymal Stem Cell treatment for autoimmune diseases: a critical review. <i>Biological Research</i> , 2012, 45, 269-277.	1.5	151
9	Mesenchymal stem cell-derived exosomes from different sources selectively promote neuritic outgrowth. <i>Neuroscience</i> , 2016, 320, 129-139.	1.1	151
10	Combination therapy of menstrual derived mesenchymal stem cells and antibiotics ameliorates survival in sepsis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 199.	2.4	129
11	Mitochondrial transfer from MSCs to T cells induces Treg differentiation and restricts inflammatory response. <i>EMBO Reports</i> , 2020, 21, e48052.	2.0	129
12	Characterization of menstrual stem cells: angiogenic effect, migration and hematopoietic stem cell support in comparison with bone marrow mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 32.	2.4	127
13	Innate Immune System and Preeclampsia. <i>Frontiers in Immunology</i> , 2014, 5, 244.	2.2	115
14	Stem cell exosomes inhibit angiogenesis and tumor growth of oral squamous cell carcinoma. <i>Scientific Reports</i> , 2019, 9, 663.	1.6	98
15	Efficient suppression of murine arthritis by combined anticytokine small interfering RNA lipoplexes. <i>Arthritis and Rheumatism</i> , 2008, 58, 2356-2367.	6.7	95
16	Artificial Mitochondria Transfer: Current Challenges, Advances, and Future Applications. <i>Stem Cells International</i> , 2017, 2017, 1-23.	1.2	95
17	Prostate tumor-induced angiogenesis is blocked by exosomes derived from menstrual stem cells through the inhibition of reactive oxygen species. <i>Oncotarget</i> , 2016, 7, 44462-44477.	0.8	75
18	Chorion Mesenchymal Stem Cells Show Superior Differentiation, Immunosuppressive, and Angiogenic Potentials in Comparison With Haploidentical Maternal Placental Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1109-1121.	1.6	73

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19	The Promising Potential of Menstrual Stem Cells for Antenatal Diagnosis and Cell Therapy. <i>Frontiers in Immunology</i> , 2014, 5, 205.	2.2	71
20	Adeno-Associated Virus Pseudotype 5 Vector Improves Gene Transfer in Arthritic Joints. <i>Human Gene Therapy</i> , 2005, 16, 426-434.	1.4	70
21	The immunosuppressive signature of menstrual blood mesenchymal stem cells entails opposite effects on experimental arthritis and graft versus host diseases. <i>Stem Cells</i> , 2016, 34, 456-469.	1.4	69
22	Cell-Based Regenerative Endodontics for Treatment of Periapical Lesions: A Randomized, Controlled Phase I/II Clinical Trial. <i>Journal of Dental Research</i> , 2020, 99, 523-529.	2.5	66
23	Mesenchymal Stem Cells Secreting Angiopoietin-Like-5 Support Efficient Expansion of Human Hematopoietic Stem Cells Without Compromising Their Repopulating Potential. <i>Stem Cells and Development</i> , 2011, 20, 1371-1381.	1.1	61
24	Harnessing the Angiogenic Potential of Stem Cell-Derived Exosomes for Vascular Regeneration. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	57
25	Inflammation-inducible anti-TNF gene expression mediated by intra-articular injection of serotype 5 adeno-associated virus reduces arthritis. <i>Journal of Gene Medicine</i> , 2007, 9, 596-604.	1.4	56
26	Personalized Cell Therapy for Pulpitis Using Autologous Dental Pulp Stem Cells and Leukocyte Platelet-rich Fibrin: A Case Report. <i>Journal of Endodontics</i> , 2019, 45, 144-149.	1.4	51
27	Reduction of arthritis following intra-articular administration of an adeno-associated virus serotype 5 expressing a disease-inducible TNF-blocking agent. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1143-1150.	0.5	49
28	Human CD34+ CD133+ Hematopoietic Stem Cells Cultured with Growth Factors Including Angptl5 Efficiently Engraft Adult NOD-SCID Il2r1 β ^{-/-} (NSG) Mice. <i>PLoS ONE</i> , 2011, 6, e18382.	1.1	48
29	Human Fetal Hepatic Progenitor Cells Are Distinct from, but Closely Related to, Hematopoietic Stem/Progenitor Cells. <i>Stem Cells</i> , 2013, 31, 1160-1169.	1.4	47
30	PPAR γ directs the therapeutic potential of mesenchymal stem cells in arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2166-2174.	0.5	47
31	Rapid fabrication of reinforced and cell-laden vascular grafts structurally inspired by human coronary arteries. <i>Nature Communications</i> , 2019, 10, 3098.	5.8	46
32	HIF1 α -dependent metabolic reprogramming governs mesenchymal stem/stromal cell immunoregulatory functions. <i>FASEB Journal</i> , 2020, 34, 8250-8264.	0.2	42
33	Time-dependent LPS exposure commands MSC immunoplasticity through TLR4 activation leading to opposite therapeutic outcome in EAE. <i>Stem Cell Research and Therapy</i> , 2020, 11, 416.	2.4	41
34	Gingival Mesenchymal Stem Cells Outperform Haploidentical Dental Pulp-derived Mesenchymal Stem Cells in Proliferation Rate, Migration Ability, and Angiogenic Potential. <i>Cell Transplantation</i> , 2018, 27, 967-978.	1.2	36
35	The Reparative Abilities of Menstrual Stem Cells Modulate the Wound Matrix Signals and Improve Cutaneous Regeneration. <i>Frontiers in Physiology</i> , 2018, 9, 464.	1.3	35
36	Cell-based therapies for coronavirus disease 2019: proper clinical investigations are essential. <i>Cytotherapy</i> , 2020, 22, 602-605.	0.3	35

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37	Mesenchymal stem cells in osteoarticular pediatric diseases: an update. <i>Pediatric Research</i> , 2012, 71, 452-458.	1.1	33
38	MicroRNA Profiling of B Cell Subsets from Systemic Lupus Erythematosus Patients Reveals Promising Novel Biomarkers. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16953-16965.	1.8	33
39	A comparative study on intra-articular versus systemic gene electrotransfer in experimental arthritis. <i>Journal of Gene Medicine</i> , 2006, 8, 1027-1036.	1.4	32
40	Exosome-like vesicles in <i>Apis mellifera</i> bee pollen, honey and royal jelly contribute to their antibacterial and pro-regenerative activity. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	31
41	Adeno-associated virus type 5-mediated intraarticular administration of tumor necrosis factor small interfering RNA improves collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 765-770.	6.7	30
42	Layer-by-layer approach for a uniformed fabrication of a cell patterned vessel-like construct. <i>Biofabrication</i> , 2017, 9, 015001.	3.7	30
43	Exosomes on the border of species and kingdom intercommunication. <i>Translational Research</i> , 2019, 210, 80-98.	2.2	28
44	Mesenchymal stem cells and their immunosuppressive role in transplantation tolerance. <i>Annals of the New York Academy of Sciences</i> , 2018, 1417, 35-56.	1.8	24
45	Musculoskeletal Progenitor/Stromal Cell-Derived Mitochondria Modulate Cell Differentiation and Therapeutical Function. <i>Frontiers in Immunology</i> , 2021, 12, 606781.	2.2	24
46	Primary allogeneic mitochondrial mix (PAMM) transfer/transplant by MitoCeption to address damage in PBMCs caused by ultraviolet radiation. <i>BMC Biotechnology</i> , 2019, 19, 42.	1.7	23
47	Mesenchymal stem cell-mediated transfer of mitochondria: mechanisms and functional impact. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 177.	2.4	23
48	Long-Term Reproducible Expression in Human Fetal Liver Hematopoietic Stem Cells with a UCOE-Based Lentiviral Vector. <i>PLoS ONE</i> , 2014, 9, e104805.	1.1	21
49	Adipose tissue-derived mesenchymal stromal cells for treating chronic kidney disease: A pilot study assessing safety and clinical feasibility. <i>Kidney Research and Clinical Practice</i> , 2019, 38, 176-185.	0.9	21
50	The ATP synthase inhibition induces an AMPK-dependent glycolytic switch of mesenchymal stem cells that enhances their immunotherapeutic potential. <i>Theranostics</i> , 2021, 11, 445-460.	4.6	19
51	Gillespie syndrome phenotype with a (x;11)(p22.32;p12) de novo translocation. <i>American Journal of Ophthalmology</i> , 1998, 125, 397-399.	1.7	17
52	Cold-adaptation of a methacrylamide gelatin towards the expansion of the biomaterial toolbox for specialized functionalities in tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 102, 373-390.	3.8	15
53	Mitochondria-Rich Fraction Isolated From Mesenchymal Stromal Cells Reduces Lung and Distal Organ Injury in Experimental Sepsis*. <i>Critical Care Medicine</i> , 2021, 49, e880-e890.	0.4	15
54	Allogeneic Cellular Therapy in a Mature Tooth with Apical Periodontitis and Accidental Root Perforation: A Case Report. <i>Journal of Endodontics</i> , 2020, 46, 1920-1927.e1.	1.4	13

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55	Semipermeable Cellulose Beads Allow Selective and Continuous Release of Small Extracellular Vesicles (sEV) From Encapsulated Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 679.	1.6	11
56	The clinical spectrum associated with a chromosome 17 short arm proximal duplication (dup 17p11.2) in three patients. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 917-924.	0.7	10
57	Differentiation of adipose-derived stem cells to functional CD105neg CD73low melanocyte precursors guided by defined culture condition. <i>Stem Cell Research and Therapy</i> , 2019, 10, 249.	2.4	10
58	The Coronavirus Pandemic: A Pitfall or a Fast Track for Validating Cell Therapy Products?. <i>Stem Cells and Development</i> , 2021, 30, 119-127.	1.1	10
59	Normality Ranges of Menstrual Fluid Volume During Reproductive Life Using Direct Quantification of Menses with Vaginal Cups. <i>Gynecologic and Obstetric Investigation</i> , 2019, 84, 390-395.	0.7	9
60	PPAR α -dependent MSC metabolism determines their immunoregulatory properties. <i>Scientific Reports</i> , 2020, 10, 11423.	1.6	9
61	Mitochondrial MicroRNAs Contribute to Macrophage Immune Functions Including Differentiation, Polarization, and Activation. <i>Frontiers in Physiology</i> , 2021, 12, 738140.	1.3	8
62	Delivery of affordable and scalable encapsulated allogenic/autologous mesenchymal stem cells in coagulated platelet poor plasma for dental pulp regeneration. <i>Scientific Reports</i> , 2022, 12, 435.	1.6	8
63	A Chemically Defined, Xeno- and Blood-Free Culture Medium Sustains Increased Production of Small Extracellular Vesicles From Mesenchymal Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 619930.	2.0	7
64	Allogeneic Mesenchymal Stromal Cell (MSC) therapy for knee osteoarthritis (OA): A phase I/II randomized controlled trial. <i>Cytotherapy</i> , 2017, 19, S24.	0.3	6
65	Report on 3 patients with 12p duplication including GRIN2B. <i>European Journal of Medical Genetics</i> , 2014, 57, 185-194.	0.7	5
66	Single cell migration profiling on a microenvironmentally tunable hydrogel microstructure device that enables stem cell potency evaluation. <i>Lab on A Chip</i> , 2020, 20, 958-972.	3.1	5
67	Angiogenic Properties of Menstrual Stem Cells Are Impaired in Women with a History of Preeclampsia. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	3
68	Microtechnology applied to stem cells research and development. <i>Regenerative Medicine</i> , 2018, 13, 233-248.	0.8	2
69	Editorial: The Role of Metabolism in MSC-Mediated Immunomodulation. <i>Frontiers in Immunology</i> , 2021, 12, 751865.	2.2	2
70	Magic realism: a Latin American paradigm for stem cell research & development?. <i>Gene Therapy</i> , 2020, 27, 2-5.	2.3	1