Marie Maumus

List of Publications by Year
in descending order

36 papers	2,505 citations	257450 24 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	3737 citing authors

#	Article	IF	Citations
1	Mesenchymal stem cells-derived exosomes are more immunosuppressive than microparticles in inflammatory arthritis. Theranostics, 2018, 8, 1399-1410.	10.0	347
2	Mesenchymal stem cells in regenerative medicine applied toÂrheumatic diseases: Role of secretome and exosomes. Biochimie, 2013, 95, 2229-2234.	2.6	214
3	Adiposeâ€Derived Mesenchymal Stem Cells Exert Antiinflammatory Effects on Chondrocytes and Synoviocytes From Osteoarthritis Patients Through Prostaglandin E₂. Arthritis and Rheumatism, 2013, 65, 1271-1281.	6.7	205
4	Mesenchymal stem cell-based therapies in regenerative medicine: applications in rheumatology. Stem Cell Research and Therapy, 2011, 2, 14.	5.5	145
5	Adipose mesenchymal stem cells protect chondrocytes from degeneration associated with osteoarthritis. Stem Cell Research, 2013, 11, 834-844.	0.7	143
6	Activin A Plays a Critical Role in Proliferation and Differentiation of Human Adipose Progenitors. Diabetes, 2010, 59, 2513-2521.	0.6	140
7	Evidence of<i>in Situ</i>Proliferation of Adult Adipose Tissue-Derived Progenitor Cells: Influence of Fat Mass Microenvironment and Growth. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4098-4106.	3.6	107
8	Longâ€Term Detection of Human Adiposeâ€Derived Mesenchymal Stem Cells After Intraarticular Injection in SCID Mice. Arthritis and Rheumatism, 2013, 65, 1786-1794.	6.7	106
9	Chemotaxis and Differentiation of Human Adipose Tissue CD34+/CD31âˆ’Progenitor Cells: Role of Stromal Derived Factor-1 Released by Adipose Tissue Capillary Endothelial Cells. Stem Cells, 2007, 25, 2269-2276.	3.2	100
10	Human adipose mesenchymal stem cells as potent anti-fibrosis therapy for systemic sclerosis. Journal of Autoimmunity, 2016, 70, 31-39.	6.5	98
11	Adipose-Derived Mesenchymal Stem Cells in Autoimmune Disorders: State of the Art and Perspectives for Systemic Sclerosis. Clinical Reviews in Allergy and Immunology, 2017, 52, 234-259.	6.5	98
12	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Opportunities and Challenges for Clinical Translation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 997.	4.1	94
13	Pathogenic or Therapeutic Extracellular Vesicles in Rheumatic Diseases: Role of Mesenchymal Stem Cell-Derived Vesicles. International Journal of Molecular Sciences, 2017, 18, 889.	4.1	76
14	Survival and Biodistribution of Xenogenic Adipose Mesenchymal Stem Cells Is Not Affected by the Degree of Inflammation in Arthritis. PLoS ONE, 2015, 10, e0114962.	2.5	73
15	Therapeutic application of mesenchymal stem cells in osteoarthritis. Expert Opinion on Biological Therapy, 2016, 16, 33-42.	3.1	73
16	Mesenchymal Stem Cell Derived Extracellular Vesicles in Aging. Frontiers in Cell and Developmental Biology, 2020, 8, 107.	3.7	60
17	Comparison between Stromal Vascular Fraction and Adipose Mesenchymal Stem Cells in Remodeling Hypertrophic Scars. PLoS ONE, 2016, 11, e0156161.	2.5	55
18	TGFBI secreted by mesenchymal stromal cells ameliorates osteoarthritis and is detected in extracellular vesicles. Biomaterials, 2020, 226, 119544.	11.4	53

#	Article	IF	Citations
19	Native Adipose Stromal Cells Egress from Adipose Tissue In Vivo: Evidence During Lymph Node Activation. Stem Cells, 2013, 31, 1309-1320.	3.2	49
20	Thrombospondin-1 Partly Mediates the Cartilage Protective Effect of Adipose-Derived Mesenchymal Stem Cells in Osteoarthritis. Frontiers in Immunology, 2017, 8, 1638.	4.8	31
21	Utility of a Mouse Model of Osteoarthritis to Demonstrate Cartilage Protection by IFNÎ³-Primed Equine Mesenchymal Stem Cells. Frontiers in Immunology, 2016, 7, 392.	4.8	30
22	Mesenchymal stromal cells-derived extracellular vesicles alleviate systemic sclerosis via miR-29a-3p. Journal of Autoimmunity, 2021, 121, 102660.	6.5	29
23	Fibrosis Development in HOCl-Induced Systemic Sclerosis: A Multistage Process Hampered by Mesenchymal Stem Cells. Frontiers in Immunology, 2018, 9, 2571.	4.8	27
24	Extracellular vesicles from mesenchymal stromal cells: Therapeutic perspectives for targeting senescence in osteoarthritis. Advanced Drug Delivery Reviews, 2021, 175, 113836.	13.7	27
25	Contribution of microRNAs to the immunosuppressive function of mesenchymal stem cells. Biochimie, 2018, 155, 109-118.	2.6	17
26	iNOS Activity Is Required for the Therapeutic Effect of Mesenchymal Stem Cells in Experimental Systemic Sclerosis. Frontiers in Immunology, 2018, 9, 3056.	4.8	16
27	Biocompatible Glycineâ€Assisted Catalysis of the Solâ€Gel Process: Development of Cellâ€Embedded Hydrogels. ChemPlusChem, 2019, 84, 1720-1729.	2.8	13
28	Inorganic Solâ€“Gel Polymerization for Hydrogel Bioprinting. ACS Omega, 2020, 5, 2640-2647.	3.5	13
29	Lung Fibrosis Is Improved by Extracellular Vesicles from IFNÎ³-Primed Mesenchymal Stromal Cells in Murine Systemic Sclerosis. Cells, 2021, 10, 2727.	4.1	12
30	A Collagen-Mimetic Organic-Inorganic Hydrogel for Cartilage Engineering. Gels, 2021, 7, 73.	4.5	11
31	Extracellular Vesicles Are More Potent Than Adipose Mesenchymal Stromal Cells to Exert an Anti-Fibrotic Effect in an In Vitro Model of Systemic Sclerosis. International Journal of Molecular Sciences, 2021, 22, 6837.	4.1	9
32	miR-155 Contributes to the Immunoregulatory Function of Human Mesenchymal Stem Cells. Frontiers in Immunology, 2021, 12, 624024.	4.8	7
33	Neuromedin B promotes chondrocyte differentiation of mesenchymal stromal cells via calcineurin and calcium signaling. Cell and Bioscience, 2021, 11, 183.	4.8	5
34	Mesenchymal Stem Cell-Based Therapy of Osteoarthritis. , 2019, , 87-109.		2
35	Controlled Silylation of Polysaccharides: Attractive Building Blocks for Biocompatible Foams and Cell-Laden Hydrogels. ACS Applied Polymer Materials, 2022, 4, 4087-4097.	4.4	2
36	MÃ©decine rÃ©gÃ©nÃ©rative de la gonarthroseÂ: mythe ou rÃ©alitÃ©Â?. Revue Du Rhumatisme Monographies, 2016, 83, 162-165.	0.0	0