

# Francesco Dell'Accio

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

6,386  
citations

159358

30  
h-index

214527

47  
g-index

57  
all docs

57  
docs citations

57  
times ranked

6118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipotent mesenchymal stem cells from adult human synovial membrane. <i>Arthritis and Rheumatism</i> , 2001, 44, 1928-1942.	6.7	1,638
2	Skeletal muscle repair by adult human mesenchymal stem cells from synovial membrane. <i>Journal of Cell Biology</i> , 2003, 160, 909-918.	2.3	602
3	Human periosteum-derived cells maintain phenotypic stability and chondrogenic potential throughout expansion regardless of donor age. <i>Arthritis and Rheumatism</i> , 2001, 44, 85-95.	6.7	506
4	Failure of in vitro-differentiated mesenchymal stem cells from the synovial membrane to form ectopic stable cartilage in vivo. <i>Arthritis and Rheumatism</i> , 2004, 50, 142-150.	6.7	387
5	Mesenchymal multipotency of adult human periosteal cells demonstrated by single-cell lineage analysis. <i>Arthritis and Rheumatism</i> , 2006, 54, 1209-1221.	6.7	377
6	Molecular markers predictive of the capacity of expanded human articular chondrocytes to form stable cartilage in vivo. <i>Arthritis and Rheumatism</i> , 2001, 44, 1608-1619.	6.7	306
7	Neutrophil-derived microvesicles enter cartilage and protect the joint in inflammatory arthritis. <i>Science Translational Medicine</i> , 2015, 7, 315ra190.	5.8	256
8	Identification of the molecular response of articular cartilage to injury, by microarray screening: Wnt16 expression and signaling after injury and in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 1410-1421.	6.7	181
9	WNT-3A modulates articular chondrocyte phenotype by activating both canonical and noncanonical pathways. <i>Journal of Cell Biology</i> , 2011, 193, 551-564.	2.3	175
10	Functional mesenchymal stem cell niches in adult mouse knee joint synovium in vivo. <i>Arthritis and Rheumatism</i> , 2011, 63, 1289-1300.	6.7	168
11	Activation of WNT and BMP signaling in adult human articular cartilage following mechanical injury. <i>Arthritis Research and Therapy</i> , 2006, 8, R139.	1.6	139
12	Expanded phenotypically stable chondrocytes persist in the repair tissue and contribute to cartilage matrix formation and structural integration in a goat model of autologous chondrocyte implantation. <i>Journal of Orthopaedic Research</i> , 2003, 21, 123-131.	1.2	132
13	Mature antigen-experienced T helper cells synthesize and secrete the B cell chemoattractant CXCL13 in the inflammatory environment of the rheumatoid joint. <i>Arthritis and Rheumatism</i> , 2008, 58, 3377-3387.	6.7	124
14	Microenvironment and phenotypic stability specify tissue formation by human articular cartilage-derived cells in vivo. <i>Experimental Cell Research</i> , 2003, 287, 16-27.	1.2	118
15	A biomarker-based mathematical model to predict bone-forming potency of human synovial and periosteal mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2008, 58, 240-250.	6.7	116
16	WNT16 antagonises excessive canonical WNT activation and protects cartilage in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 218-226.	0.5	110
17	Comparative osteogenic transcription profiling of various fetal and adult mesenchymal stem cell sources. <i>Differentiation</i> , 2008, 76, 946-957.	1.0	109
18	Efficient Lentiviral Transduction and Improved Engraftment of Human Bone Marrow Mesenchymal Cells. <i>Stem Cells</i> , 2006, 24, 896-907.	1.4	94

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19	Neutrophil Microvesicles from Healthy Control and Rheumatoid Arthritis Patients Prevent the Inflammatory Activation of Macrophages. <i>EBioMedicine</i> , 2018, 29, 60-69.	2.7	81
20	Distinct mesenchymal progenitor cell subsets in the adult human synovium. <i>Rheumatology</i> , 2009, 48, 1057-1064.	0.9	77
21	A homeostatic function of CXCR2 signalling in articular cartilage. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 2207-2215.	0.5	62
22	Mesenchymal stem cells in rheumatology: a regenerative approach to joint repair. <i>Clinical Science</i> , 2007, 113, 339-348.	1.8	46
23	Agrin mediates chondrocyte homeostasis and requires both LRP4 and $\beta$ -dystroglycan to enhance cartilage formation in vitro and in vivo. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1228-1235.	0.5	46
24	Skeletal tissue engineering: opportunities and challenges. <i>Best Practice and Research in Clinical Rheumatology</i> , 2001, 15, 759-769.	1.4	44
25	Syndecan 4 supports bone fracture repair, but not fetal skeletal development, in mice. <i>Arthritis and Rheumatism</i> , 2013, 65, 743-752.	6.7	44
26	Cellular and molecular mechanisms of cartilage damage and repair. <i>Drug Discovery Today</i> , 2014, 19, 1172-1177.	3.2	44
27	Regulation of Gdf5 expression in joint remodelling, repair and osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 157.	1.6	44
28	Human single-chain variable fragment that specifically targets arthritic cartilage. <i>Arthritis and Rheumatism</i> , 2010, 62, 1007-1016.	6.7	39
29	BCP crystals promote chondrocyte hypertrophic differentiation in OA cartilage by sequestering Wnt3a. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 975-984.	0.5	37
30	ROR2 blockade as a therapy for osteoarthritis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34
31	Agrin induces long-term osteochondral regeneration by supporting repair morphogenesis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	30
32	Culture Expansion in Low-Glucose Conditions Preserves Chondrocyte Differentiation and Enhances Their Subsequent Capacity to Form Cartilage Tissue in Three-Dimensional Culture. <i>BioResearch Open Access</i> , 2014, 3, 9-18.	2.6	29
33	Inhibition of Notch1 promotes hedgehog signalling in a HES1-dependent manner in chondrocytes and exacerbates experimental osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2037-2044.	0.5	29
34	WNT3A-loaded exosomes enable cartilage repair. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12088.	5.5	24
35	Does Pain at an Earlier Stage of Chondropathy Protect Female Mice Against Structural Progression After Surgically Induced Osteoarthritis?. <i>Arthritis and Rheumatology</i> , 2020, 72, 2083-2093.	2.9	22
36	Articular Chondroprogenitor Cells Maintain Chondrogenic Potential but Fail to Form a Functional Matrix When Implanted Into Muscles of SCID Mice. <i>Cartilage</i> , 2014, 5, 231-240.	1.4	21

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37	Reparative medicine: from tissue engineering to joint surface regeneration. <i>Regenerative Medicine</i> , 2006, 1, 59-69.	0.8	15
38	Alpha $\beta$ 1 $\beta$ antitrypsin reduces inflammation and exerts chondroprotection in arthritis. <i>FASEB Journal</i> , 2021, 35, e21472.	0.2	14
39	Calcium calmodulin kinase II activity is required for cartilage homeostasis in osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 5682.	1.6	14
40	Analyses on the mechanisms that underlie the chondroprotective properties of calcitonin. <i>Biochemical Pharmacology</i> , 2014, 91, 348-358.	2.0	11
41	PPAR $\beta$ /mTOR signalling: striking the right balance in cartilage homeostasis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 477-479.	0.5	11
42	The stem cell niche: a new target in medicine. <i>Current Opinion in Orthopaedics</i> , 2006, 17, 398-404.	0.3	8
43	Update on pain in arthritis. <i>Current Opinion in Supportive and Palliative Care</i> , 2021, 15, 99-107.	0.5	6
44	Lessons from joint development for cartilage repair in the clinic. <i>Developmental Dynamics</i> , 2021, 250, 360-376.	0.8	5
45	High fat diet accelerates cartilage repair in DBA/1 mice. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1258-1264.	1.2	4
46	In vivo potency assay for the screening of bioactive molecules on cartilage formation. <i>Lab Animal</i> , 2022, 51, 103-120.	0.2	3
47	<i>Joint Tissue Engineering</i> . , 2007, , 107-123.		2
48	<i>Regenerative Medicine and Tissue Engineering</i> . , 2017, , 90-105.e4.		1
49	A novel mechanism for protecting the arthritic joint: microparticles deliver Annexin A1 into cartilage (146.8). <i>FASEB Journal</i> , 2014, 28, 146.8.	0.2	1
50	Neutrophil-Derived Microparticles as Novel Effectors in Joint Disease. <i>FASEB Journal</i> , 2013, 27, 137.6.	0.2	0