

Thomas G Baboolal

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

781
citations

623574

14
h-index

713332

21
g-index

29
all docs

29
docs citations

29
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Native joint-resident mesenchymal stem cells for cartilage repair in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2017, 13, 719-730.	3.5	173
2	A FERM domain autoregulates <i>Drosophila</i> myosin 7a activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4189-4194.	3.3	92
3	Interleukin-22 drives the proliferation, migration and osteogenic differentiation of mesenchymal stem cells: a novel cytokine that could contribute to new bone formation in spondyloarthropathies. <i>Rheumatology</i> , 2017, 56, kew384.	0.9	74
4	The SAH domain extends the functional length of the myosin lever. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22193-22198.	3.3	70
5	Synovial fluid hyaluronan mediates MSC attachment to cartilage, a potential novel mechanism contributing to cartilage repair in osteoarthritis using knee joint distraction. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 908-915.	0.5	66
6	Colicin N Binds to the Periphery of Its Receptor and Translocator, Outer Membrane Protein F. <i>Structure</i> , 2008, 16, 371-379.	1.6	47
7	The novel cytokine Metrn1/IL-41 is elevated in Psoriatic Arthritis synovium and inducible from both enthesal and synovial fibroblasts. <i>Clinical Immunology</i> , 2019, 208, 108253.	1.4	43
8	Multipotential stromal cell abundance in cellular bone allograft: comparison with fresh age-matched iliac crest bone and bone marrow aspirate. <i>Regenerative Medicine</i> , 2014, 9, 593-607.	0.8	35
9	A Novel Arthroscopic Technique for Intraoperative Mobilization of Synovial Mesenchymal Stem Cells. <i>American Journal of Sports Medicine</i> , 2018, 46, 3532-3540.	1.9	23
10	Is Knee Joint Distraction a Viable Treatment Option for Knee OA? A Literature Review and Meta-Analysis. <i>Journal of Knee Surgery</i> , 2019, 32, 788-795.	0.9	22
11	The simultaneous analysis of mesenchymal stem cells and early osteocytes accumulation in osteoarthritic femoral head sclerotic bone. <i>Rheumatology</i> , 2019, 58, 1777-1783.	0.9	19
12	Gene Expression Signatures of Synovial Fluid Multipotent Stromal Cells in Advanced Knee Osteoarthritis and Following Knee Joint Distraction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 579751.	2.0	18
13	A Combination of Diffusion and Active Translocation Localizes Myosin 10 to the Filopodial Tip. <i>Journal of Biological Chemistry</i> , 2016, 291, 22373-22385.	1.6	16
14	Gene expression and functional comparison between multipotential stromal cells from lateral and medial condyles of knee osteoarthritis patients. <i>Scientific Reports</i> , 2019, 9, 9321.	1.6	16
15	The osteogenic commitment of CD271+CD56+ bone marrow stromal cells (BMSCs) in osteoarthritic femoral head bone. <i>Scientific Reports</i> , 2020, 10, 11145.	1.6	16
16	Native multipotential stromal cell colonization and graft expander potential of a bovine natural bone scaffold. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1950-1958.	1.2	14
17	Intrinsic multipotential mesenchymal stromal cell activity in gelatinous Heberden's nodes in osteoarthritis at clinical presentation. <i>Arthritis Research and Therapy</i> , 2014, 16, R119.	1.6	13
18	Platelet lysate enhances synovial fluid multipotential stromal cells functions: Implications for therapeutic use. <i>Cytotherapy</i> , 2018, 20, 375-384.	0.3	12

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19	A nuclear magnetic resonance study of water in aggrecan solutions. Royal Society Open Science, 2016, 3, 150705.	1.1	9
20	Device-Based Enrichment of Knee Joint Synovial Cells to Drive MSC Chondrogenesis Without Prior Culture Expansion In Vitro: A Step Closer to 1-Stage Orthopaedic Procedures. American Journal of Sports Medicine, 2022, 50, 152-161.	1.9	2
21	Human platelet lysate promotes synovial fluid mesenchymal stem cell proliferation and differentiation. Cytotherapy, 2017, 19, S149-S150.	0.3	1
22	Structural Basis for The Regulation of Drosophila Myosin 7a. Biophysical Journal, 2009, 96, 3a-4a.	0.2	0
23	Mechanical and Kinetic Properties of a Myosin 5-SAH Chimera. Biophysical Journal, 2010, 98, 563a-564a.	0.2	0
24	The Function of Myosin-10 In Vitro and Inside Filopodia. Biophysical Journal, 2013, 104, 23a.	0.2	0
25	Unravelling the Properties of Single \pm -Helical Domains in Myosin and other Proteins. Biophysical Journal, 2014, 106, 626a.	0.2	0
26	AB0098â€¦GENE EXPRESSION AND FUNCTIONAL COMPARISON BETWEEN MESENCHYMAL STEM CELLS FROM LATERAL AND MEDIAL CONDYLES OF KNEE OSTEOARTHRITIS PATIENTS. , 2019, , .		0
27	FRI0518â€¦LONGITUDINAL EVALUATION OF SYNOVIAL FLUID AND SYNOVIAL FLUID MSC TRANSCRIPT CHANGES IN SUBJECTS UNDERGOING JOINT DISTRACTION. , 2019, , .		0
28	FRI0520â€¦THE HUMAN ENTHESIS CONTAINS POPULATIONS OF MESENCHYMAL STEM CELLS WITH DISTINCT FUNCTIONAL CHARACTERISTICS. , 2019, , .		0