

Susan McGlashan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

731
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary cilia mediate mechanotransduction through control of ATP-induced Ca ²⁺ signaling in compressed chondrocytes. <i>FASEB Journal</i> , 2012, 26, 1663-1671.	0.5	172
2	Articular chondrocytes express connexin 43 hemichannels and P2 receptors – a putative mechanoreceptor complex involving the primary cilium?. <i>Journal of Anatomy</i> , 2009, 214, 275-283.	1.5	118
3	Mechanical loading modulates chondrocyte primary cilia incidence and length. <i>Cell Biology International</i> , 2010, 34, 441-446.	3.0	116
4	The cellular composition and morphological organization of the rostral migratory stream in the adult human brain. <i>Journal of Chemical Neuroanatomy</i> , 2009, 37, 196-205.	2.1	89
5	Monosodium urate crystals reduce osteocyte viability and indirectly promote a shift in osteocyte function towards a proinflammatory and proresorptive state. <i>Arthritis Research and Therapy</i> , 2018, 20, 208.	3.5	32
6	Revision indications for medial unicompartmental knee arthroplasty: a systematic review. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 301-314.	2.4	30
7	Does milk increase mucus production?. <i>Medical Hypotheses</i> , 2010, 74, 732-734.	1.5	29
8	Inhibition of glutamate regulated calcium entry into leukemic megakaryoblasts reduces cell proliferation and supports differentiation. <i>Cellular Signalling</i> , 2015, 27, 1860-1872.	3.6	18
9	Evidence of primary cilia in the developing rat heart. <i>Cilia</i> , 2018, 7, 4.	1.8	18
10	A novel histological technique for distinguishing between epithelial cells in forensic casework. <i>Forensic Science International</i> , 2008, 178, 1-6.	2.2	17
11	Differential Response of Bovine Mature Nucleus Pulposus and Notochordal Cells to Hydrostatic Pressure and Glucose Restriction. <i>Cartilage</i> , 2020, 11, 221-233.	2.7	16
12	Development of a method for the measurement of primary cilia length in 3D. <i>Cilia</i> , 2012, 1, 11.	1.8	15
13	Same-species phenotypic comparison of notochordal and mature nucleus pulposus cells. <i>European Spine Journal</i> , 2015, 24, 1976-1985.	2.2	11
14	Post-weaning high-fat diet results in growth cartilage lesions in young male rats. <i>PLoS ONE</i> , 2017, 12, e0188411.	2.5	8
15	The pathological features of hip abductor tendon tears – a cadaveric study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 778.	1.9	8
16	Polystyrene-block-polyethylene oxide thin films: <i>In vitro</i> cytocompatibility and protein adsorption testing. <i>Biointerphases</i> , 2020, 15, 011003.	1.6	7
17	A Novel <i>In Vitro</i> and <i>In Silico</i> System for Analyzing Complex Mechanobiological Behavior of Chondrocytes in Three-Dimensional Hydrogel Constructs. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	1.3	7
18	Chondrocyte-specific response to stiffness-mediated primary cilia formation and centriole positioning. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C236-C247.	4.6	7

#	ARTICLE	IF	CITATIONS
19	Investigations of Strain Fields in 3D Hydrogels Under Dynamic Confined Loading. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 514-522.	1.8	4
20	The Chondrogenic Potential of First-Trimester and Term Placental Mesenchymal Stem/Stromal Cells. <i>Cartilage</i> , 2021, 13, 544S-558S.	2.7	3
21	Changes in Physiological Tendon Substrate Stiffness Have Moderate Effects on Tendon-Derived Cell Growth and Immune Cell Activation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 800748.	4.1	3
22	In situ gelling system for sustained intraarticular delivery of bupivacaine and ketorolac in sheep. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 174, 35-46.	4.3	3