Rebekah M Samsonraj

List of Publications by Year
in descending order

22 papers	1,331 citations	623574 14 h-index	752573 20 g-index
22 all docs	22 docs citations	22 times ranked	2463 citing authors

#	Article	IF	Citations
1	Combination of BMP2 and EZH2 Inhibition to Stimulate Osteogenesis in a 3D Bone Reconstruction Model. Tissue Engineering - Part A, 2021, 27, 1084-1098.	1.6	16
2	OSTEOIMMUNOLOGICAL IMPLICATIONS IN REGENERATIVE MEDICINE: CROSS-TALK BETWEEN MESENCHYMAL STEM CELLS AND IMMUNE CELLS. Journal of Musculoskeletal Research, 2021, 24, 2140001.	0.1	0
3	Comparison of Percutaneous Transforaminal Endoscopic Discectomy and Microendoscopic Discectomy for the Surgical Management of Symptomatic Lumbar Disc Herniation: A Multicenter Retrospective Cohort Study with a Minimum of 2 Years' Follow-Up. Pain Physician, 2021, 24, E117-E125.	0.3	3
4	Enhancing the Efficacy of Stem Cell Therapy with Glycosaminoglycans. Stem Cell Reports, 2020, 14, 105-121.	2.3	10
5	A genomic biomarker that identifies human bone marrow-derived mesenchymal stem cells with high scalability. Stem Cells, 2020, 38, 1124-1136.	1.4	16
6	Inhibition of the epigenetic suppressor EZH2 primes osteogenic differentiation mediated by BMP2. Journal of Biological Chemistry, 2020, 295, 7877-7893.	1.6	51
7	In Reply. Stem Cells, 2020, 38, E7-E8.	1.4	0
8	Targeting Cell Senescence for the Treatment of Age-Related Bone Loss. Current Osteoporosis Reports, 2019, 17, 70-85.	1.5	32
9	A multi-chamber tissue culture device for load-dependent parallel evaluation of tendon explants. BMC Musculoskeletal Disorders, 2019, 20, 549.	0.8	1
10	Fibrin glue mediated delivery of bone anabolic reagents to enhance healing of tendon to bone. Journal of Cellular Biochemistry, 2018, 119, 5715-5724.	1.2	9
11	Osteogenic Stimulation of Human Adipose-Derived Mesenchymal Stem Cells Using a Fungal Metabolite That Suppresses the Polycomb Group Protein EZH2. Stem Cells Translational Medicine, 2018, 7, 197-209.	1.6	32
12	Biological effects of melatonin on osteoblast/osteoclast cocultures, bone, and quality of life: Implications of a role for <scp>MT</scp>2 melatonin receptors, <scp>MEK</scp>1/2, and <scp>MEK</scp>5 in melatoninâ€mediated osteoblastogenesis. Journal of Pineal Research, 2018, 64, e12465.	3.4	122
13	Enhancer of zeste homolog 2 (Ezh2) controls bone formation and cell cycle progression during osteogenesis in mice. Journal of Biological Chemistry, 2018, 293, 12894-12907.	1.6	63
14	Validation of Osteogenic Properties of Cytochalasin D by High-Resolution RNA-Sequencing in Mesenchymal Stem Cells Derived from Bone Marrow and Adipose Tissues. Stem Cells and Development, 2018, 27, 1136-1145.	1.1	24
15	Improved Post-Thaw Function and Epigenetic Changes in Mesenchymal Stromal Cells Cryopreserved Using Multicomponent Osmolyte Solutions. Stem Cells and Development, 2017, 26, 828-842.	1.1	38
16	A Versatile Protocol for Studying Calvarial Bone Defect Healing in a Mouse Model. Tissue Engineering - Part C: Methods, 2017, 23, 686-693.	1.1	30
17	Intranuclear Actin Structure Modulates Mesenchymal Stem Cell Differentiation. Stem Cells, 2017, 35, 1624-1635.	1.4	63
18	Concise Review: Multifaceted Characterization of Human Mesenchymal Stem Cells for Use in Regenerative Medicine. Stem Cells Translational Medicine, 2017, 6, 2173-2185.	1.6	502

#	Article	IF	Citations
19	Melatonin-micronutrients Osteopenia Treatment Study (MOTS): a translational study assessing melatonin, strontium (citrate), vitamin D3 and vitamin K2 (MK7) on bone density, bone marker turnover and health related quality of life in postmenopausal osteopenic women following a one-year double-blind RCT and on osteoblast-osteoclast co-cultures. Aging, 2017, 9, 256-285.	1.4	56
20	Effect of heparin on the biological properties and molecular signature of human mesenchymal stem cells. Gene, 2016, 576, 292-303.	1.0	53
21	Establishing Criteria for Human Mesenchymal Stem Cell Potency. Stem Cells, 2015, 33, 1878-1891.	1.4	163
22	Telomere length analysis of human mesenchymal stem cells by quantitative PCR. Gene, 2013, 519, 348-355.	1.0	47