

# Rebekah M Samsonraj

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,331  
citations

623188

14  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concise Review: Multifaceted Characterization of Human Mesenchymal Stem Cells for Use in Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2173-2185.	1.6	502
2	Establishing Criteria for Human Mesenchymal Stem Cell Potency. <i>Stem Cells</i> , 2015, 33, 1878-1891.	1.4	163
3	Biological effects of melatonin on osteoblast/osteoclast cocultures, bone, and quality of life: Implications of a role for $MT_2$ melatonin receptors, $MEK_{1/2}$ , and $MEK_5$ in melatonin-mediated osteoblastogenesis. <i>Journal of Pineal Research</i> , 2018, 64, e12465.	3.4	122
4	Intranuclear Actin Structure Modulates Mesenchymal Stem Cell Differentiation. <i>Stem Cells</i> , 2017, 35, 1624-1635.	1.4	63
5	Enhancer of zeste homolog 2 (Ezh2) controls bone formation and cell cycle progression during osteogenesis in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 12894-12907.	1.6	63
6	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. <i>Aging</i> , 2017, 9, 256-285.	1.4	56
7	Effect of heparin on the biological properties and molecular signature of human mesenchymal stem cells. <i>Gene</i> , 2016, 576, 292-303.	1.0	53
8	Inhibition of the epigenetic suppressor EZH2 primes osteogenic differentiation mediated by BMP2. <i>Journal of Biological Chemistry</i> , 2020, 295, 7877-7893.	1.6	51
9	Telomere length analysis of human mesenchymal stem cells by quantitative PCR. <i>Gene</i> , 2013, 519, 348-355.	1.0	47
10	Improved Post-Thaw Function and Epigenetic Changes in Mesenchymal Stromal Cells Cryopreserved Using Multicomponent Osmolyte Solutions. <i>Stem Cells and Development</i> , 2017, 26, 828-842.	1.1	38
11	Osteogenic Stimulation of Human Adipose-Derived Mesenchymal Stem Cells Using a Fungal Metabolite That Suppresses the Polycomb Group Protein EZH2. <i>Stem Cells Translational Medicine</i> , 2018, 7, 197-209.	1.6	32
12	Targeting Cell Senescence for the Treatment of Age-Related Bone Loss. <i>Current Osteoporosis Reports</i> , 2019, 17, 70-85.	1.5	32
13	A Versatile Protocol for Studying Calvarial Bone Defect Healing in a Mouse Model. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 686-693.	1.1	30
14	Validation of Osteogenic Properties of Cytochalasin D by High-Resolution RNA-Sequencing in Mesenchymal Stem Cells Derived from Bone Marrow and Adipose Tissues. <i>Stem Cells and Development</i> , 2018, 27, 1136-1145.	1.1	24
15	A genomic biomarker that identifies human bone marrow-derived mesenchymal stem cells with high scalability. <i>Stem Cells</i> , 2020, 38, 1124-1136.	1.4	16
16	Combination of BMP2 and EZH2 Inhibition to Stimulate Osteogenesis in a 3D Bone Reconstruction Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 1084-1098.	1.6	16
17	Enhancing the Efficacy of Stem Cell Therapy with Glycosaminoglycans. <i>Stem Cell Reports</i> , 2020, 14, 105-121.	2.3	10
18	Fibrin glue mediated delivery of bone anabolic reagents to enhance healing of tendon to bone. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5715-5724.	1.2	9

#	ARTICLE	IF	CITATIONS
19	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. <i>Pain Physician</i> , 2021, 24, E117-E125.	0.3	3
20	A multi-chamber tissue culture device for load-dependent parallel evaluation of tendon explants. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 549.	0.8	1
21	OSTEOIMMUNOLOGICAL IMPLICATIONS IN REGENERATIVE MEDICINE: CROSS-TALK BETWEEN MESENCHYMAL STEM CELLS AND IMMUNE CELLS. <i>Journal of Musculoskeletal Research</i> , 2021, 24, 2140001.	0.1	0
22	In Reply. <i>Stem Cells</i> , 2020, 38, E7-E8.	1.4	0