Saravana K Ramasamy

List of Publications by Year
in descending order

18 papers	4,274 citations	516710 16 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	5381 citing authors

#	Article	IF	Citations
1	Coupling of angiogenesis and osteogenesis by a specific vessel subtype in bone. Nature, 2014, 507, 323-328.	27.8	1,417
2	Endothelial Notch activity promotes angiogenesis and osteogenesis in bone. Nature, 2014, 507, 376-380.	27.8	733
3	Distinct bone marrow blood vessels differentially regulate haematopoiesis. Nature, 2016, 532, 323-328.	27.8	553
4	Age-dependent modulation of vascular niches for haematopoietic stem cells. Nature, 2016, 532, 380-384.	27.8	355
5	Blood flow controls bone vascular function and osteogenesis. Nature Communications, 2016, 7, 13601.	12.8	261
6	Regulation of tissue morphogenesis by endothelial cell-derived signals. Trends in Cell Biology, 2015, 25, 148-157.	7.9	142
7	Endothelial proteolytic activity and interaction with non-resorbing osteoclasts mediate bone elongation. Nature Cell Biology, 2019, 21, 430-441.	10.3	124
8	Sample preparation for high-resolution 3D confocal imaging of mouse skeletal tissue. Nature Protocols, 2015, 10, 1904-1914.	12.0	120
9	Regulation of Hematopoiesis and Osteogenesis by Blood Vesselâ€"Derived Signals. Annual Review of Cell and Developmental Biology, 2016, 32, 649-675.	9.4	115
10	Regulation of monocyte cell fate by blood vessels mediated by Notch signalling. Nature Communications, 2016, 7, 12597.	12.8	115
11	Bone Vasculature and Bone Marrow Vascular Niches in Health and Disease. Journal of Bone and Mineral Research, 2020, 35, 2103-2120.	2.8	80
12	Structure and Functions of Blood Vessels and Vascular Niches in Bone. Stem Cells International, 2017, 2017, 1-10.	2.5	66
13	High-resolution 3D imaging uncovers organ-specific vascular control of tissue aging. Science Advances, 2021, 7, .	10.3	59
14	Angiocrine signals regulate quiescence and therapy resistance in bone metastasis. JCI Insight, 2019, 4, .	5.0	57
15	Blood Vessels and Vascular Niches in Bone Development and Physiological Remodeling. Frontiers in Cell and Developmental Biology, 2020, 8, 602278.	3.7	38
16	Decreased blood vessel density and endothelial cell subset dynamics during ageing of the endocrine system. EMBO Journal, 2021, 40, e105242.	7.8	36
17	The role of vasculature in cancer stem cell niches. Advances in Stem Cells and Their Niches, 2021, , 63-84.	0.1	0
18	EPCR Guides Hematopoietic Stem Cells Homing to the Bone Marrow Independently of Niche Clearance. Blood, 2016, 128, 4538-4538.	1.4	0