

Anjali P Kusumbe

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,698
citations

361413

20
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

5480
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamentals of bone vasculature: Specialization, interactions and functions. <i>Seminars in Cell and Developmental Biology</i> , 2022, 123, 36-47.	5.0	39
2	Mechanical forces couple bone matrix mineralization with inhibition of angiogenesis to limit adolescent bone growth. <i>Nature Communications</i> , 2022, 13, .	12.8	15
3	High-resolution 3D imaging uncovers organ-specific vascular control of tissue aging. <i>Science Advances</i> , 2021, 7, .	10.3	59
4	Heterogeneity and Dynamics of Vasculature in the Endocrine System During Aging and Disease. <i>Frontiers in Physiology</i> , 2021, 12, 624928.	2.8	9
5	The role of vasculature in cancer stem cell niches. <i>Advances in Stem Cells and Their Niches</i> , 2021, , 63-84.	0.1	0
6	Decreased blood vessel density and endothelial cell subset dynamics during ageing of the endocrine system. <i>EMBO Journal</i> , 2021, 40, e105242.	7.8	36
7	Diversity of Vascular Niches in Bones and Joints During Homeostasis, Ageing, and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 798211.	4.8	7
8	Bone Vasculature and Bone Marrow Vascular Niches in Health and Disease. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2103-2120.	2.8	80
9	Bone Angiogenesis and Vascular Niche Remodeling in Stress, Aging, and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602269.	3.7	31
10	Angiocrine signals regulate quiescence and therapy resistance in bone metastasis. <i>JCI Insight</i> , 2019, 4, .	5.0	57
11	Role of angiocrine signals in bone development, homeostasis and disease. <i>Open Biology</i> , 2019, 9, 190144.	3.6	48
12	Endothelial proteolytic activity and interaction with non-resorbing osteoclasts mediate bone elongation. <i>Nature Cell Biology</i> , 2019, 21, 430-441.	10.3	124
13	Inhibition of Endosteal Vascular Niche Remodeling Rescues Hematopoietic Stem Cell Loss in AML. <i>Cell Stem Cell</i> , 2018, 22, 64-77.e6.	11.1	249
14	Cellâ€‘matrix signals specify bone endothelial cells during developmental osteogenesis. <i>Nature Cell Biology</i> , 2017, 19, 189-201.	10.3	161
15	Blood flow controls bone vascular function and osteogenesis. <i>Nature Communications</i> , 2016, 7, 13601.	12.8	261
16	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	27.8	553
17	Age-dependent modulation of vascular niches for haematopoietic stem cells. <i>Nature</i> , 2016, 532, 380-384.	27.8	355
18	Vascular niches for disseminated tumour cells in bone. <i>Journal of Bone Oncology</i> , 2016, 5, 112-116.	2.4	34

#	ARTICLE	IF	CITATIONS
19	Regulation of Hematopoiesis and Osteogenesis by Blood Vesselâ€Derived Signals. Annual Review of Cell and Developmental Biology, 2016, 32, 649-675.	9.4	115
20	Confocal/two-photon microscopy in studying colonisation of cancer cells in bone using xenograft mouse models. BoneKEy Reports, 2016, 5, 851.	2.7	8
21	EPCR Guides Hematopoietic Stem Cells Homing to the Bone Marrow Independently of Niche Clearance. Blood, 2016, 128, 4538-4538.	1.4	0
22	Sample preparation for high-resolution 3D confocal imaging of mouse skeletal tissue. Nature Protocols, 2015, 10, 1904-1914.	12.0	120
23	Regulation of tissue morphogenesis by endothelial cell-derived signals. Trends in Cell Biology, 2015, 25, 148-157.	7.9	142
24	Coupling of angiogenesis and osteogenesis by a specific vessel subtype in bone. Nature, 2014, 507, 323-328.	27.8	1,417
25	Endothelial Notch activity promotes angiogenesis and osteogenesis in bone. Nature, 2014, 507, 376-380.	27.8	733
26	Osteoclast progenitors promote bone vascularization and osteogenesis. Nature Medicine, 2014, 20, 1238-1240.	30.7	42