

Anjali P Kusumbe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3310855/publications.pdf>

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	Coupling of angiogenesis and osteogenesis by a specific vessel subtype in bone. <i>Nature</i> , 2014, 507, 323-328.	27.8	1,417
2	Endothelial Notch activity promotes angiogenesis and osteogenesis in bone. <i>Nature</i> , 2014, 507, 376-380.	27.8	733
3	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	27.8	553
4	Age-dependent modulation of vascular niches for haematopoietic stem cells. <i>Nature</i> , 2016, 532, 380-384.	27.8	355
5	Blood flow controls bone vascular function and osteogenesis. <i>Nature Communications</i> , 2016, 7, 13601.	12.8	261
6	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
7	Cellâ€‘matrix signals specify bone endothelial cells during developmental osteogenesis. <i>Nature Cell Biology</i> , 2017, 19, 189-201.	10.3	161
8	Regulation of tissue morphogenesis by endothelial cell-derived signals. <i>Trends in Cell Biology</i> , 2015, 25, 148-157.	7.9	142
9	Endothelial proteolytic activity and interaction with non-resorbing osteoclasts mediate bone elongation. <i>Nature Cell Biology</i> , 2019, 21, 430-441.	10.3	124
10	Sample preparation for high-resolution 3D confocal imaging of mouse skeletal tissue. <i>Nature Protocols</i> , 2015, 10, 1904-1914.	12.0	120
11	Regulation of Hematopoiesis and Osteogenesis by Blood Vesselâ€‘Derived Signals. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 649-675.	9.4	115
12	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
13	High-resolution 3D imaging uncovers organ-specific vascular control of tissue aging. <i>Science Advances</i> , 2021, 7, .	10.3	59
14	Angiocrine signals regulate quiescence and therapy resistance in bone metastasis. <i>JCI Insight</i> , 2019, 4, .	5.0	57
15	Role of angiocrine signals in bone development, homeostasis and disease. <i>Open Biology</i> , 2019, 9, 190144.	3.6	48
16	Osteoclast progenitors promote bone vascularization and osteogenesis. <i>Nature Medicine</i> , 2014, 20, 1238-1240.	30.7	42
17	Fundamentals of bone vasculature: Specialization, interactions and functions. <i>Seminars in Cell and Developmental Biology</i> , 2022, 123, 36-47.	5.0	39
18	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

#	ARTICLE	IF	CITATIONS
19	Vascular niches for disseminated tumour cells in bone. <i>Journal of Bone Oncology</i> , 2016, 5, 112-116.	2.4	34
20	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
21	Mechanical forces couple bone matrix mineralization with inhibition of angiogenesis to limit adolescent bone growth. <i>Nature Communications</i> , 2022, 13, .	12.8	15
22	Heterogeneity and Dynamics of Vasculature in the Endocrine System During Aging and Disease. <i>Frontiers in Physiology</i> , 2021, 12, 624928.	2.8	9
23	Confocal/two-photon microscopy in studying colonisation of cancer cells in bone using xenograft mouse models. <i>BoneKEy Reports</i> , 2016, 5, 851.	2.7	8
24	Diversity of Vascular Niches in Bones and Joints During Homeostasis, Ageing, and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 798211.	4.8	7
25	The role of vasculature in cancer stem cell niches. <i>Advances in Stem Cells and Their Niches</i> , 2021, , 63-84.	0.1	0
26	EPCR Guides Hematopoietic Stem Cells Homing to the Bone Marrow Independently of Niche Clearance. <i>Blood</i> , 2016, 128, 4538-4538.	1.4	0