

# Ralf H Adams

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

3,540  
citations

185998

28  
h-index

264894

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

6288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stromal cell-derived septoclasts resorb cartilage during developmental ossification and fracture healing. <i>Nature Communications</i> , 2022, 13, 571.	5.8	21
2	Cardiac macrophages regulate isoproterenol-induced Takotsubo-like cardiomyopathy. <i>JCI Insight</i> , 2022, 7, .	2.3	20
3	Induction of osteogenesis by bone-targeted Notch activation. <i>ELife</i> , 2022, 11, .	2.8	15
4	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
5	A specialized bone marrow microenvironment for fetal haematopoiesis. <i>Nature Communications</i> , 2022, 13, 1327.	5.8	18
6	Loss of vascular endothelial notch signaling promotes spontaneous formation of tertiary lymphoid structures. <i>Nature Communications</i> , 2022, 13, 2022.	5.8	16
7	Genetic lineage tracing reveals poor angiogenic potential of cardiac endothelial cells. <i>Cardiovascular Research</i> , 2021, 117, 256-270.	1.8	22
8	GPR182 is an endothelium-specific atypical chemokine receptor that maintains hematopoietic stem cell homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
9	Regional specialization and fate specification of bone stromal cells in skeletal development. <i>Cell Reports</i> , 2021, 36, 109352.	2.9	59
10	Dopamine signaling regulates hematopoietic stem and progenitor cell function. <i>Blood</i> , 2021, 138, 2051-2065.	0.6	19
11	The endotheliumâ€“bone axis in development, homeostasis and bone and joint disease. <i>Nature Reviews Rheumatology</i> , 2021, 17, 608-620.	3.5	67
12	Ephrin-B2â€“EphB4 communication mediates tumorâ€“endothelial cell interactions during hematogenous spread to spinal bone in a melanoma metastasis model. <i>Oncogene</i> , 2020, 39, 7063-7075.	2.6	10
13	A molecular map of murine lymph node blood vascular endothelium at single cell resolution. <i>Nature Communications</i> , 2020, 11, 3798.	5.8	74
14	Distinct fibroblast subsets regulate lacteal integrity through YAP/TAZ-induced VEGF-C in intestinal villi. <i>Nature Communications</i> , 2020, 11, 4102.	5.8	36
15	Meningeal lymphatic vessels regulate brain tumor drainage and immunity. <i>Cell Research</i> , 2020, 30, 229-243.	5.7	209
16	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. <i>Nature Communications</i> , 2020, 11, 519.	5.8	35
17	YAP1 and TAZ negatively control bone angiogenesis by limiting hypoxia-inducible factor signaling in endothelial cells. <i>ELife</i> , 2020, 9, .	2.8	51
18	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , 2019, 10, 3596.	5.8	31

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19	Loss of the transcription factor RBPJ induces disease-promoting properties in brain pericytes. <i>Nature Communications</i> , 2019, 10, 2817.	5.8	52
20	Phenotypic analysis of Myo10 knockout (Myo10 <sup>tm2/tm2</sup> ) mice lacking full-length (motorized) but not brain-specific headless myosin X. <i>Scientific Reports</i> , 2019, 9, 597.	1.6	11
21	Integrin-linked kinase controls retinal angiogenesis and is linked to Wnt signaling and exudative vitreoretinopathy. <i>Nature Communications</i> , 2019, 10, 5243.	5.8	54
22	Low wnt/ $\beta$ -catenin signaling determines leaky vessels in the subfornical organ and affects water homeostasis in mice. <i>ELife</i> , 2019, 8, .	2.8	60
23	Endothelial EphB4 maintains vascular integrity and transport function in adult heart. <i>ELife</i> , 2019, 8, .	2.8	38
24	Wnt/ $\beta$ -catenin signaling regulates VE-cadherin-mediated anastomosis of brain capillaries by counteracting S1pr1 signaling. <i>Nature Communications</i> , 2018, 9, 4860.	5.8	66
25	NCK-dependent pericyte migration promotes pathological neovascularization in ischemic retinopathy. <i>Nature Communications</i> , 2018, 9, 3463.	5.8	60
26	Spatiotemporal endothelial cell “ pericyte association in tumors as shown by high resolution 4D intravital imaging. <i>Scientific Reports</i> , 2018, 8, 9596.	1.6	24
27	Pulmonary pericytes regulate lung morphogenesis. <i>Nature Communications</i> , 2018, 9, 2448.	5.8	72
28	Endothelial Tie1-mediated angiogenesis and vascular abnormalization promote tumor progression and metastasis. <i>Journal of Clinical Investigation</i> , 2018, 128, 834-845.	3.9	72
29	Cell-matrix signals specify bone endothelial cells during developmental osteogenesis. <i>Nature Cell Biology</i> , 2017, 19, 189-201.	4.6	161
30	Plastic roles of pericytes in the blood-retinal barrier. <i>Nature Communications</i> , 2017, 8, 15296.	5.8	210
31	Transcriptional regulation of endothelial cell behavior during sprouting angiogenesis. <i>Nature Communications</i> , 2017, 8, 726.	5.8	71
32	Blood vessel control of macrophage maturation promotes arteriogenesis in ischemia. <i>Nature Communications</i> , 2017, 8, 952.	5.8	83
33	Uncontrolled angiogenic precursor expansion causes coronary artery anomalies in mice lacking Pofut1. <i>Nature Communications</i> , 2017, 8, 578.	5.8	32
34	Dll4 and Notch signalling couples sprouting angiogenesis and artery formation. <i>Nature Cell Biology</i> , 2017, 19, 915-927.	4.6	271
35	Pericytes regulate VEGF-induced endothelial sprouting through VEGFR1. <i>Nature Communications</i> , 2017, 8, 1574.	5.8	186
36	Polarized actin and VE-cadherin dynamics regulate junctional remodelling and cell migration during sprouting angiogenesis. <i>Nature Communications</i> , 2017, 8, 2210.	5.8	129

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37	Blood vessel formation and function in bone. <i>Development (Cambridge)</i> , 2016, 143, 2706-2715.	1.2	324
38	Endothelial cells are progenitors of cardiac pericytes and vascular smooth muscle cells. <i>Nature Communications</i> , 2016, 7, 12422.	5.8	181
39	Regulation of monocyte cell fate by blood vessels mediated by Notch signalling. <i>Nature Communications</i> , 2016, 7, 12597.	5.8	115
40	Stability and function of adult vasculature is sustained by Akt/Jagged1 signalling axis in endothelium. <i>Nature Communications</i> , 2016, 7, 10960.	5.8	77
41	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015, 6, 6725.	5.8	141
42	Integrin $\alpha 21$ controls VE-cadherin localization and blood vessel stability. <i>Nature Communications</i> , 2015, 6, 6429.	5.8	171
43	Sample preparation for high-resolution 3D confocal imaging of mouse skeletal tissue. <i>Nature Protocols</i> , 2015, 10, 1904-1914.	5.5	120