

Donald M Mcdonald

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5739046/publications.pdf>

Version: 2024-02-01

42
papers

4,982
citations

279798

23
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

5845
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiopoietin-1 protects the adult vasculature against plasma leakage. <i>Nature Medicine</i> , 2000, 6, 460-463.	30.7	1,172
2	Imaging of angiogenesis: from microscope to clinic. <i>Nature Medicine</i> , 2003, 9, 713-725.	30.7	943
3	Inhibition of Vascular Endothelial Growth Factor (VEGF) Signaling in Cancer Causes Loss of Endothelial Fenestrations, Regression of Tumor Vessels, and Appearance of Basement Membrane Ghosts. <i>American Journal of Pathology</i> , 2004, 165, 35-52.	3.8	702
4	Increased Vascularization in Mice Overexpressing Angiopoietin-1. <i>Science</i> , 1998, 282, 468-471.	12.6	695
5	Permeability of the Endothelial Barrier: Identifying and Reconciling Controversies. <i>Trends in Molecular Medicine</i> , 2021, 27, 314-331.	6.7	272
6	Substance P-immunoreactive sensory axons in the rat respiratory tract: A quantitative study of their distribution and role in neurogenic inflammation. <i>Journal of Comparative Neurology</i> , 1992, 319, 586-598.	1.6	162
7	Endothelial cells of tumor vessels: abnormal but not absent. <i>Cancer and Metastasis Reviews</i> , 2000, 19, 109-120.	5.9	102
8	The architecture of nerves and ganglia of the ferret trachea as revealed by acetylcholinesterase histochemistry. <i>Journal of Comparative Neurology</i> , 1986, 246, 513-526.	1.6	95
9	Unexpected contribution of lymphatic vessels to promotion of distant metastatic tumor spread. <i>Science Advances</i> , 2018, 4, eaat4758.	10.3	67
10	Inhibition of c-Met Reduces Lymphatic Metastasis in RIP-Tag2 Transgenic Mice. <i>Cancer Research</i> , 2013, 73, 3692-3703.	0.9	55
11	Neurogenic plasma leakage in mouse airways. <i>British Journal of Pharmacology</i> , 1999, 126, 522-528.	5.4	49
12	Determinants of Endothelial Cell Phenotype in Venules. <i>Microcirculation</i> , 2000, 7, 67-80.	1.8	49
13	The ultrastructure and connections of blood vessels supplying the rat carotid body and carotid sinus. <i>Journal of Neurocytology</i> , 1983, 12, 117-153.	1.5	48
14	Vascular Endothelial Growth Factor C for Polycystic Kidney Diseases. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 69-77.	6.1	48
15	Amplification of Oncolytic Vaccinia Virus Widespread Tumor Cell Killing by Sunitinib through Multiple Mechanisms. <i>Cancer Research</i> , 2018, 78, 922-937.	0.9	46
16	Preferential Lymphatic Growth in Bronchus-Associated Lymphoid Tissue in Sustained Lung Inflammation. <i>American Journal of Pathology</i> , 2014, 184, 1577-1592.	3.8	43
17	Rapamycin reversal of VEGF-driven lymphatic anomalies in the respiratory tract. <i>JCI Insight</i> , 2017, 2, .	5.0	41
18	Mast cell heterogeneity in dog skin. <i>The Anatomical Record</i> , 1985, 213, 477-480.	1.8	40

#	ARTICLE	IF	CITATIONS
19	Imaging of Angiogenesis in Inflamed Airways and Tumors: Newly Formed Blood Vessels Are Not Alike and May Be Wildly Abnormal. <i>Chest</i> , 2005, 128, 602S-608S.	0.8	37
20	A morphometric analysis of blood vessels and perivascular nerves in the rat carotid body. <i>Journal of Neurocytology</i> , 1983, 12, 155-199.	1.5	29
21	Microvascular Remodelling In Chronic Airway Inflammation In Mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 836-841.	1.9	29
22	NK1 Receptor Antagonist CP-99,994 Inhibits Cigarette Smoke-Induced Neutrophil and Eosinophil Adhesion in Rat Tracheal Venules. <i>Experimental Lung Research</i> , 1996, 22, 409-418.	1.2	28
23	An ultrastructural analysis of neurites in the basal lamina of capillaries in the chinchilla cochlear nucleus. <i>Journal of Comparative Neurology</i> , 1977, 173, 475-495.	1.6	23
24	Synergistic Actions of Blocking Angiotensin-2 and Tumor Necrosis Factor- α in Suppressing Remodeling of Blood Vessels and Lymphatics in Airway Inflammation. <i>American Journal of Pathology</i> , 2015, 185, 2949-2968.	3.8	22
25	Lymphatic Proliferation Ameliorates Pulmonary Fibrosis after Lung Injury. <i>American Journal of Pathology</i> , 2020, 190, 2355-2375.	3.8	21
26	Dynamics of Airway Blood Vessels and Lymphatics: Lessons from Development and Inflammation. <i>Proceedings of the American Thoracic Society</i> , 2011, 8, 504-507.	3.5	17
27	Buttons and Zippers: Endothelial Junctions in Lymphatic Vessels. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, , a041178.	6.2	17
28	Anti-metastatic action of FAK inhibitor OXA-11 in combination with VEGFR-2 signaling blockade in pancreatic neuroendocrine tumors. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 799-817.	3.3	16
29	Piezo1-Regulated Mechanotransduction Controls Flow-Activated Lymphatic Expansion. <i>Circulation Research</i> , 2022, 131, .	4.5	16
30	Silver Impregnation of the Golgi Apparatus, with Subsequent Nitrocellulose Embedding. <i>Biotechnic & Histochemistry</i> , 1964, 39, 345-349.	0.4	15
31	An ultrastructural analysis of dog mastocytoma cells and normal mast cells. <i>The Anatomical Record</i> , 1985, 212, 399-407.	1.8	14
32	Distribution of catecholamine-containing nerves on blood vessels of the rat trachea. <i>Journal of Comparative Neurology</i> , 1992, 325, 38-46.	1.6	11
33	Oncolytic vaccinia virus gene modification and cytokine expression effects on tumor infection, immune response, and killing. <i>Molecular Cancer Therapeutics</i> , 2021, 20, molcanther.0863.2020.	4.1	10
34	Neutrophil Dependence of Vascular Remodeling after Mycoplasma Infection of Mouse Airways. <i>American Journal of Pathology</i> , 2014, 184, 1877-1889.	3.8	9
35	Oncolytic vaccinia virus injected intravenously sensitizes pancreatic neuroendocrine tumors and metastases to immune checkpoint blockade. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 299-318.	4.4	9
36	Imaging Lymphatics in Mouse Lungs. <i>Methods in Molecular Biology</i> , 2018, 1846, 161-180.	0.9	8

#	ARTICLE	IF	CITATIONS
37	Tighter lymphatic junctions prevent obesity. <i>Science</i> , 2018, 361, 551-552.	12.6	8
38	New Antibody to Stop Tumor Angiogenesis and Lymphatic Spread by Blocking Receptor Partnering. <i>Cancer Cell</i> , 2010, 18, 541-543.	16.8	7
39	The protective role of sphingosine-1-phosphate against the action of the vascular disrupting agent combretastatin A-4 3-O-phosphate. <i>Oncotarget</i> , 2017, 8, 95648-95661.	1.8	5
40	Uptake of Cationic Liposomes by Normal and Angiogenic Endothelial Cells In Vivo. <i>Nature Biotechnology</i> , 1999, 17, 14-14.	17.5	1
41	Imaging Blood Vessels and in Mouse Trachea. <i>Methods in Molecular Biology</i> , 2022, 2441, 115-134.	0.9	1
42	Rapid remodeling of airway vascular architecture at birth. <i>Developmental Dynamics</i> , 2010, 239, spcone-spcone.	1.8	0