

Benjamin R Thomson

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,006
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1457
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin receptor TEK mutations underlie primary congenital glaucoma with variable expressivity. <i>Journal of Clinical Investigation</i> , 2016, 126, 2575-2587.	8.2	175
2	A lymphatic defect causes ocular hypertension and glaucoma in mice. <i>Journal of Clinical Investigation</i> , 2014, 124, 4320-4324.	8.2	151
3	Tubulovascular Cross-Talk by Vascular Endothelial Growth Factor A Maintains Peritubular Microvasculature in Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1027-1038.	6.1	127
4	Angiotensin-1 is required for Schlemm's canal development in mice and humans. <i>Journal of Clinical Investigation</i> , 2017, 127, 4421-4436.	8.2	94
5	Context-dependent functions of angiotensin 2 are determined by the endothelial phosphatase VEPTP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1298-1303.	7.1	85
6	Ascending Vasa Recta Are Angiotensin/Tie2-Dependent Lymphatic-Like Vessels. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1097-1107.	6.1	59
7	Role of PDZK1 in membrane expression of renal brush border ion exchangers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13331-13336.	7.1	57
8	Cellular crosstalk regulates the aqueous humor outflow pathway and provides new targets for glaucoma therapies. <i>Nature Communications</i> , 2021, 12, 6072.	12.8	40
9	Angiotensins bind thrombomodulin and inhibit its function as a thrombin cofactor. <i>Scientific Reports</i> , 2018, 8, 505.	3.3	34
10	Targeting VE-PTP phosphatase protects the kidney from diabetic injury. <i>Journal of Experimental Medicine</i> , 2019, 216, 936-949.	8.5	34
11	Murine <i>Notch1</i> is required for lymphatic vascular morphogenesis during development. <i>Developmental Dynamics</i> , 2014, 243, 957-964.	1.8	33
12	Targeting the vascular-specific phosphatase PTPRB protects against retinal ganglion cell loss in a pre-clinical model of glaucoma. <i>ELife</i> , 2019, 8, .	6.0	30
13	Long-lived metabolic enzymes in the crystalline lens identified by pulse-labeling of mice and mass spectrometry. <i>ELife</i> , 2019, 8, .	6.0	23
14	Angiotensin-1 Knockout Mice as a Genetic Model of Open-Angle Glaucoma. <i>Translational Vision Science and Technology</i> , 2020, 9, 16.	2.2	22
15	Ocular macrophage origin and heterogeneity during steady state and experimental choroidal neovascularization. <i>Journal of Neuroinflammation</i> , 2020, 17, 341.	7.2	16
16	Selective permeability of mouse blood-aqueous barrier as determined by ¹⁵ N-heavy isotope tracing and mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9032-9037.	7.1	13
17	Morphological Analysis of Schlemm's Canal in Mice. <i>Methods in Molecular Biology</i> , 2018, 1846, 153-160.	0.9	7
18	Endothelial Tyrosine Kinase Tie1 Is Required for Normal Schlemm's Canal Development" Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 348-351.	2.4	6