

Jonathan Ainsley Coles

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

669
citations

759190

12
h-index

996954

15
g-index

20
all docs

20
docs citations

20
times ranked

988
citing authors

#	ARTICLE	IF	CITATIONS
1	Where are we? The anatomy of the murine cortical meninges revisited for intravital imaging, immunology, and clearance of waste from the brain. <i>Progress in Neurobiology</i> , 2017, 156, 107-148.	5.7	95
2	Perivascular Arrest of CD8+ T Cells Is a Signature of Experimental Cerebral Malaria. <i>PLoS Pathogens</i> , 2015, 11, e1005210.	4.7	78
3	Potassium homeostasis and glial energy metabolism. , 1997, 21, 46-55.		74
4	In Vivo Imaging of Trypanosome-Brain Interactions and Development of a Rapid Screening Test for Drugs against CNS Stage Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2384.	3.0	59
5	Homeostatic muffling. <i>Nature</i> , 1991, 350, 564-564.	27.8	54
6	Functions of glial cells in the retina of the honeybee drone. <i>Glia</i> , 1989, 2, 1-9.	4.9	45
7	The Spatial Organization of Proton and Lactate Transport in a Rat Brain Tumor. <i>PLoS ONE</i> , 2011, 6, e17416.	2.5	42
8	The mouse cortical meninges are the site of immune responses to many different pathogens, and are accessible to intravital imaging. <i>Methods</i> , 2017, 127, 53-61.	3.8	36
9	In Vivo Real-Time Multiphoton Imaging of T Lymphocytes in the Mouse Brain After Experimental Stroke. <i>Stroke</i> , 2011, 42, 1429-1436.	2.0	34
10	Signalling from neurones to glial cells in invertebrates. <i>Trends in Neurosciences</i> , 1996, 19, 358-362.	8.6	31
11	Intravital Imaging of a Massive Lymphocyte Response in the Cortical Dura of Mice after Peripheral Infection by Trypanosomes. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003714.	3.0	31
12	Rod response to sinusoidally flickering light. <i>Vision Research</i> , 1975, 15, 981-983.	1.4	12
13	Metabolic trafficking between cells in nervous tissue. <i>Progress in Brain Research</i> , 2000, 125, 241-254.	1.4	8
14	Spatial profiles of markers of glycolysis, mitochondria, and proton pumps in a rat glioma suggest coordinated programming for proliferation. <i>BMC Research Notes</i> , 2015, 8, 207.	1.4	7
15	[18] Measurement of cytosolic chloride activity by ion-selective microelectrodes. <i>Methods in Neurosciences</i> , 1995, , 340-360.	0.5	5
16	Extracellular Potassium and pH: Homeostasis and Signaling. , 2004, , 334-345.		2
17	ATP Signaling in Schwann Cells. , 0, , 135-153.		0