

# Correlations of Neuronal and Microvascular Densities in Direct Counting and Colocalization of Nuclei and Vessels

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Citation Report

#	ARTICLE	IF	CITATIONS
10	Neural Activity in Barrel Cortex Underlying Vibrissa-Based Object Localization in Mice. <i>Neuron</i> , 2010, 67, 1048-1061.	3.8	444
11	Cerebral Blood Flow Modeling in Primate Cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1860-1873.	2.4	59
12	Topological basis for the robust distribution of blood to rodent neocortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12670-12675.	3.3	158
13	In Vivo 2-Photon Imaging of Fine Structure in the Rodent Brain. <i>Stroke</i> , 2010, 41, S117-23.	1.0	52
14	Reduction of neurovascular damage resulting from microelectrode insertion into the cerebral cortex using <i>in vivo</i> two-photon mapping. <i>Journal of Neural Engineering</i> , 2010, 7, 046011.	1.8	157
15	Number and Lamina Distribution of Neurons in a Thalamocortical Projection Column of Rat Vibrissal Cortex. <i>Cerebral Cortex</i> , 2010, 20, 2277-2286.	1.6	157
16	Red blood cell distribution in simplified capillary networks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 2897-2918.	1.6	70
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22	Parallel Optical Control of Spatiotemporal Neuronal Spike Activity Using High-Speed Digital Light Processing. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 70.	1.2	13
23	Three-Dimensional Imaging of the Mouse Neurovasculature with Magnetic Resonance Microscopy. <i>PLoS ONE</i> , 2011, 6, e22643.	1.1	46
24	Recent progress in high-resolution functional MRI. <i>Current Opinion in Neurology</i> , 2011, 24, 401-408.	1.8	8
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26	Glial Lamina Cortical Architecture Matches Metabolic Demand. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 793-794.	2.4	0
27	Vascular phenotyping of brain tumors using magnetic resonance microscopy ( $\frac{1}{4}$ MRI). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1623-1636.	2.4	28

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29	Multimodal vessel mapping for precise large area alignment of functional optical imaging data to neuroanatomical preparations in marmosets. <i>Journal of Neuroscience Methods</i> , 2011, 201, 159-172.	1.3	4
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