

Measurement of meningeal blood vessel diameter in vivo

Microvascular Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fibro-Vascular Coupling in the Control of Cochlear Blood Flow. <i>PLoS ONE</i> , 2011, 6, e20652.	1.1	34
2	Reliability of vessel diameter measurements with a retinal oximeter. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1311-1317.	1.0	50
3	Cost effective and time efficient measurement of CD4, CD8, major histocompatibility complex Class II, and macrophage antigen expression in the lungs of chickens. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 225-236.	0.5	3
4	Online chromatic and scale-space microvessel-tracing analysis for transmitted light optical images. <i>Microvascular Research</i> , 2012, 84, 330-339.	1.1	5
5	Integrated Analysis of Gene Expression and Tumor Nuclear Image Profiles Associated with Chemotherapy Response in Serous Ovarian Carcinoma. <i>PLoS ONE</i> , 2012, 7, e36383.	1.1	17
6	Automated method for tracking vasomotion of intravital microvascular and microlymphatic vessels. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 37-48.	0.9	3
7	CGRP and NO in the Trigeminal System: Mechanisms and Role in Headache Generation. <i>Headache</i> , 2012, 52, 1411-1427.	1.8	108
8	Indirect measurement of the vascular endothelial glycocalyx layer thickness in human submucosal capillaries with a plug-in for ImageJ. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 110, 38-47.	2.6	13
9	Spontaneous activity in peripheral diaphragmatic lymphatic loops. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H987-H995.	1.5	23
10	Retinal Oxygen Saturation. <i>Optometry and Vision Science</i> , 2013, 90, 1104-1110.	0.6	12
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13	A method for longitudinal, transcranial imaging of blood flow and remodeling of the cerebral vasculature in postnatal mice. <i>Physiological Reports</i> , 2014, 2, e12238.	0.7	18
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15	Visualizing G Protein-coupled Receptors in Action through Confocal Microscopy Techniques. <i>Archives of Medical Research</i> , 2014, 45, 283-293.	1.5	5
16	Low-magnification image analysis of Giemsa stained, electroporation and bleomycin treated endothelial monolayers provides reliable monolayer integrity data. <i>Toxicology in Vitro</i> , 2014, 28, 502-509.	1.1	2
17	Pressure-dependent regulation of Ca ²⁺ signalling in the vascular endothelium. <i>Journal of Physiology</i> , 2015, 593, 5231-5253.	1.3	36
18	Biomechanical strain induces elastin and collagen production in human pluripotent stem cell-derived vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C271-C281.	2.1	79

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19	Molecular imaging with engineered physiology. <i>Nature Communications</i> , 2016, 7, 13607.	5.8	33
20	Hyperpolarization-activated cyclic nucleotide-gated channels in peripheral diaphragmatic lymphatics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H892-H903.	1.5	29
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24	Sex-dependent expression of TRPV1 in bladder arterioles. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F1063-F1073.	1.3	14
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26	The Pfannenstiel scar and its implications in DIEP flap harvest: a clinical anatomic study. <i>European Journal of Plastic Surgery</i> , 2016, 39, 41-48.	0.3	2
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30	Metabotropic NMDA receptor signaling couples Src family kinases to pannexin-1 during excitotoxicity. <i>Nature Neuroscience</i> , 2016, 19, 432-442.	7.1	204
31	Angiographic findings of in-stent intimal hyperplasia after stent-assisted coil embolization: are they permanent findings?. <i>Journal of Neurosurgery</i> , 2016, 124, 328-333.	0.9	15
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37	Multispectral oximetry of murine tendon microvasculature with inflammation. <i>Biomedical Optics Express</i> , 2017, 8, 2896.	1.5	4

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38	Retinal and Cortical Blood Flow Dynamics Following Systemic Blood-Neural Barrier Disruption. <i>Frontiers in Neuroscience</i> , 2017, 11, 568.	1.4	15
39	Glial Cell Contribution to Basal Vessel Diameter and Pressure-Initiated Vascular Responses in Rat Retina. , 2017, 58, 1.		17
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49	Objective Quantification of Spontaneous Retinal Venous Pulsations Using a Novel Tablet-Based Ophthalmoscope. <i>Translational Vision Science and Technology</i> , 2020, 9, 19.	1.1	6
50	Improved collateral flow and reduced damage after remote ischemic preconditioning during distal middle cerebral artery occlusion in aged rats. <i>Scientific Reports</i> , 2020, 10, 12392.	1.6	21
51	Adrenaline induces calcium signal in astrocytes and vasoconstriction via activation of monoamine oxidase. <i>Free Radical Biology and Medicine</i> , 2020, 159, 15-22.	1.3	24
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53	TRPV1 expressed throughout the arterial circulation regulates vasoconstriction and blood pressure. <i>Journal of Physiology</i> , 2020, 598, 5639-5659.	1.3	37
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55	Islet pericytes convert into profibrotic myofibroblasts in a mouse model of islet vascular fibrosis. <i>Diabetologia</i> , 2020, 63, 1564-1575.	2.9	23

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61	Intravital fluorescence microscopy with negative contrast. <i>PLoS ONE</i> , 2021, 16, e0255204.	1.1	6
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