

Michael C Langham

List of Publications by Year in descending order

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38
papers

857
citations

567281

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38
all docs

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docs citations

38
times ranked

1192
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI evaluation of cerebral metabolic rate of oxygen (CMRO ₂) in obstructive sleep apnea. Journal of Cerebral Blood Flow and Metabolism, 2022, , 0271678X2110710.	4.3	4
2	Cerebral metabolic rate of oxygen during transition from wakefulness to sleep measured with high temporal resolution OxFlow MRI with concurrent EEG. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 780-792.	4.3	12
3	Acute e-cig inhalation impacts vascular health: a study in smoking naïve subjects. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H144-H158.	3.2	18
4	Evaluation of Vascular Reactivity of Maternal Vascular Adaptations of Pregnancy With Quantitative MRI : Pilot Study. Journal of Magnetic Resonance Imaging, 2021, 53, 447-455.	3.4	2
5	A Noninvasive Method for Quantifying Cerebral Metabolic Rate of Oxygen by Hybrid PET/MRI: Validation in a Porcine Model. Journal of Nuclear Medicine, 2021, 62, 1789-1796.	5.0	8
6	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. ESC Heart Failure, 2021, 8, 2698-2712.	3.1	16
7	Exercise Training Increases Resting Calf Muscle Oxygen Metabolism in Patients with Peripheral Artery Disease. Metabolites, 2021, 11, 814.	2.9	2
8	MRI evaluation of cerebrovascular reactivity in obstructive sleep apnea. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1328-1337.	4.3	17
9	New Insights From MRI and Cell Biology Into the Acute Vascular-Metabolic Implications of Electronic Cigarette Vaping. Frontiers in Physiology, 2020, 11, 492.	2.8	4
10	Quantitative and Dynamic MRI Measures of Peripheral Vascular Function. Frontiers in Physiology, 2020, 11, 120.	2.8	15
11	Acute Effects of Electronic Cigarette Aerosol Inhalation on Vascular Function Detected at Quantitative MRI. Radiology, 2019, 293, 97-106.	7.3	76
12	Acute exposure to e-cigarettes causes inflammation and pulmonary endothelial oxidative stress in nonsmoking, healthy young subjects. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L155-L166.	2.9	85
13	MRI quantification of human fetal O ₂ delivery rate in the second and third trimesters of pregnancy. Magnetic Resonance in Medicine, 2018, 80, 1148-1157.	3.0	16
14	Simultaneous measurement of macro- and microvascular blood flow and oxygen saturation for quantification of muscle oxygen consumption. Magnetic Resonance in Medicine, 2018, 79, 846-855.	3.0	17
15	High-speed whole-brain oximetry by golden-angle radial MRI. Magnetic Resonance in Medicine, 2018, 79, 217-223.	3.0	10
16	T ₂ -prepared balanced steady-state free precession (bSSFP) for quantifying whole-blood oxygen saturation at 1.5T. Magnetic Resonance in Medicine, 2018, 79, 1893-1900.	3.0	12
17	In vivo whole-blood T ₂ versus HbO ₂ calibration by modulating blood oxygenation level in the femoral vein through intermittent cuff occlusion. Magnetic Resonance in Medicine, 2018, 79, 2290-2296.	3.0	3
18	Susceptibility-based time-resolved whole-organ and regional tissue oximetry. NMR in Biomedicine, 2017, 30, e3495.	2.8	41

#	ARTICLE	IF	CITATIONS
19	Multiplexed MRI methods for rapid estimation of global cerebral metabolic rate of oxygen consumption. <i>NeuroImage</i> , 2017, 149, 393-403.	4.2	10
20	Rapid High-resolution, Self-registered, Dual Lumen-contrast MRI Method for Vessel-wall Assessment in Peripheral Artery Disease:. <i>Academic Radiology</i> , 2016, 23, 457-467.	2.5	11
21	Measurement of skeletal muscle perfusion dynamics with pseudo-continuous arterial spin labeling (pCASL): Assessment of relative labeling efficiency at rest and during hyperemia, and comparison to pulsed arterial spin labeling (PASL). <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 929-939.	3.4	14
22	Assessing intracranial vascular compliance using dynamic arterial spin labeling. <i>NeuroImage</i> , 2016, 124, 433-441.	4.2	35
23	Pulse sequence programming in a dynamic visual environment: SequenceTree. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 257-265.	3.0	50
24	Comparison of MRI methods for measuring whole-brain venous oxygen saturation. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2122-2128.	3.0	26
25	Rapid T2- and susceptometry-based CMRO2 quantification with interleaved TRUST (iTRUST). <i>NeuroImage</i> , 2015, 106, 441-450.	4.2	21
26	Effects of age and smoking on endothelial function assessed by quantitative cardiovascular magnetic resonance in the peripheral and central vasculature. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 19.	3.3	22
27	Method for Rapid MRI Quantification of Global Cerebral Metabolic Rate of Oxygen. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1616-1622.	4.3	15
28	Multiparametric Assessment of Vascular Function in Peripheral Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	41
29	Time-Resolved MRI Oximetry for Quantifying CMRO2 and Vascular Reactivity. <i>Academic Radiology</i> , 2014, 21, 207-214.	2.5	24
30	Quantitative CMR markers of impaired vascular reactivity associated with age and peripheral artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 17.	3.3	16
31	Simultaneous mapping of temporally-resolved blood flow velocity and oxygenation in femoral artery and vein during reactive hyperemia. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 66.	3.3	20
32	Non-triggered quantification of central and peripheral pulse-wave velocity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 81.	3.3	11
33	Nontriggered MRI quantification of aortic pulse-wave velocity. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 750-755.	3.0	23
34	Time-resolved absolute velocity quantification with projections. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1599-1606.	3.0	12
35	Evaluation of Cuff-Induced Ischemia in the Lower Extremity by Magnetic Resonance Oximetry. <i>Journal of the American College of Cardiology</i> , 2010, 55, 598-606.	2.8	40
36	Retrospective correction for induced magnetic field inhomogeneity in measurements of large-vessel hemoglobin oxygen saturation by MR susceptometry. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 626-633.	3.0	58

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37	Accuracy and precision of MR blood oximetry based on the long paramagnetic cylinder approximation of large vessels. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 333-340.	3.0	47
38	Impact of supervised exercise on skeletal muscle blood flow and vascular function measured with MRI in patients with peripheral artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 0, , .	3.2	3