

Erin K Englund

List of Publications by Year in descending order

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35
papers

602
citations

623574

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docs citations

35
times ranked

866
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravoxel Incoherent Motion Magnetic Resonance Imaging in Skeletal Muscle: Review and Future Directions. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 988-1012.	1.9	14
2	Segmentation of the Aorta and Pulmonary Arteries Based on 4D Flow MRI in the Pediatric Setting Using Fully Automated Multi-Site, Multi-Vendor, and Multi-Label Dense U-Net. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1666-1680.	1.9	12
3	MRI evaluation of cerebral metabolic rate of oxygen (CMRO ₂) in obstructive sleep apnea. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, , 0271678X2110710.	2.4	4
4	Free-breathing magnetic resonance imaging with radial k-space sampling for neonates and infants to reduce anesthesia. <i>Pediatric Radiology</i> , 2022, 52, 1326-1337.	1.1	5
5	IVIM Imaging of Paraspinal Muscles Following Moderate and High-Intensity Exercise in Healthy Individuals. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	0.5	1
6	Effects of Exercise Training on Resting Calf Muscle Oxygen Metabolism in Patients with Peripheral Artery Disease. , 2022, , .		0
7	Varying diffusion time to discriminate between simulated skeletal muscle injury models using stimulated echo diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2524-2536.	1.9	9
8	Medical imaging of tissue engineering and regenerative medicine constructs. <i>Biomaterials Science</i> , 2021, 9, 301-314.	2.6	9
9	The influence of 3D curve severity on paraspinal muscle fatty infiltration in patients with adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2021, 9, 987-995.	0.7	8
10	Intravoxel incoherent motion imaging predicts exercise-based rehabilitation response in individuals with low back pain. <i>NMR in Biomedicine</i> , 2021, 34, e4595.	1.6	2
11	Exercise Training Increases Resting Calf Muscle Oxygen Metabolism in Patients with Peripheral Artery Disease. <i>Metabolites</i> , 2021, 11, 814.	1.3	2
12	Calibrated fMRI for dynamic mapping of CMRO ₂ responses using MR-based measurements of whole-brain venous oxygen saturation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1501-1516.	2.4	8
13	MRI evaluation of cerebrovascular reactivity in obstructive sleep apnea. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1328-1337.	2.4	17
14	Quantitative and Dynamic MRI Measures of Peripheral Vascular Function. <i>Frontiers in Physiology</i> , 2020, 11, 120.	1.3	15
15	The effect of high-intensity resistance exercise on lumbar musculature in patients with low back pain: a preliminary study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 290.	0.8	27
16	MRI quantification of human fetal O ₂ delivery rate in the second and third trimesters of pregnancy. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1148-1157.	1.9	16
17	Interleaved quantitative BOLD: Combining extravascular R2* ¹ - and intravascular R2-measurements for estimation of deoxygenated blood volume and hemoglobin oxygen saturation. <i>NeuroImage</i> , 2018, 174, 420-431.	2.1	19
18	Simultaneous measurement of macro- and microvascular blood flow and oxygen saturation for quantification of muscle oxygen consumption. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 846-855.	1.9	17

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19	High-speed whole-brain oximetry by golden-angle radial MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 217-223.	1.9	10
20	Susceptibility-based time-resolved whole-organ and regional tissue oximetry. <i>NMR in Biomedicine</i> , 2017, 30, e3495.	1.6	41
21	Perfusion has no effect on the <i>in vivo</i> CEST effect from Cr (CrCEST) in skeletal muscle. <i>NMR in Biomedicine</i> , 2017, 30, e3673.	1.6	12
22	Effects of exercise training on calf muscle oxygen extraction and blood flow in patients with peripheral artery disease. <i>Journal of Applied Physiology</i> , 2017, 123, 1599-1609.	1.2	51
23	Optical monitoring of calf muscle blood flow and oxygen extraction in patients with peripheral artery disease. , 2017, , .		0
24	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.	1.3	11
25	Calibrated bold fMRI with an optimized ASL-BOLD dual-acquisition sequence. <i>NeuroImage</i> , 2016, 142, 474-482.	2.1	12
26	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.	1.9	14
27	Rapid T2- and susceptometry-based CMRO2 quantification with interleaved TRUST (iTRUST). <i>NeuroImage</i> , 2015, 106, 441-450.	2.1	21
28	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.	1.6	22
29	Multiparametric Assessment of Vascular Function in Peripheral Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	41
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.	1.6	16
31	Combined measurement of perfusion, venous oxygen saturation, and skeletal muscle T2* during reactive hyperemia in the leg. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 70.	1.6	51
32	Vessel-wall imaging and quantification of flow-mediated dilation using water-selective 3D SSFP-echo. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 100.	1.6	9
33	High Temporal Resolution MRI Quantification of Global Cerebral Metabolic Rate of Oxygen Consumption in Response to Apneic Challenge. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1514-1522.	2.4	54
34	Combined diffusion and strain tensor MRI reveals a heterogeneous, planar pattern of strain development during isometric muscle contraction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R1079-R1090.	0.9	49
35	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, , .	1.5	3