

Donnie Cameron

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

620
citations

686830

13
h-index

610482

24
g-index

35
all docs

35
docs citations

35
times ranked

1168
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle strength mediates the relationship between mitochondrial energetics and walking performance. <i>Aging Cell</i> , 2017, 16, 461-468.	3.0	99
2	³¹ P magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4246.	1.6	81
3	Tako-Tsubo Cardiomyopathy: A Heart Stressed Out of Energy?. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 985-987.	2.3	57
4	Insulin Resistance Is Associated With Reduced Mitochondrial Oxidative Capacity Measured by ³¹ P-Magnetic Resonance Spectroscopy in Participants Without Diabetes From the Baltimore Longitudinal Study of Aging. <i>Diabetes</i> , 2017, 66, 170-176.	0.3	48
5	Constrained image-based B ₀ shimming accounting for local minimum traps in the optimization and field inhomogeneities outside the region of interest. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1370-1380.	1.9	37
6	The relationships between sarcopenic skeletal muscle loss during ageing and macronutrient metabolism, obesity and onset of diabetes. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 158-169.	0.4	37
7	The Role of Muscle Perfusion in the Age-Associated Decline of Mitochondrial Function in Healthy Individuals. <i>Frontiers in Physiology</i> , 2019, 10, 427.	1.3	31
8	Diastolic Ventricular Interaction in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2019, 8, e010114.	1.6	25
9	Towards accurate and precise T ₁ and extracellular volume mapping in the myocardium: a guide to current pitfalls and their solutions. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 143-163.	1.1	22
10	Functional connectivity between the entorhinal and posterior cingulate cortices underpins navigation discrepancies in at-risk Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 90, 110-118.	1.5	19
11	The effect of noise and lipid signals on determination of Gaussian and non-Gaussian diffusion parameters in skeletal muscle. <i>NMR in Biomedicine</i> , 2017, 30, e3718.	1.6	15
12	Accuracy of high b-value diffusion-weighted MRI for prostate cancer detection: a meta-analysis. <i>Acta Radiologica</i> , 2018, 59, 105-113.	0.5	15
13	Non-Water-Suppressed ¹ H MR Spectroscopy with Orientational Prior Knowledge Shows Potential for Separating Intra- and Extramyocellular Lipid Signals in Human Myocardium. <i>Scientific Reports</i> , 2017, 7, 16898.	1.6	14
14	Age and Muscle Function Are More Closely Associated With Intracellular Magnesium, as Assessed by ³¹ P Magnetic Resonance Spectroscopy, Than With Serum Magnesium. <i>Frontiers in Physiology</i> , 2019, 10, 1454.	1.3	14
15	Diagnostic Applications of Ultrasmall Superparamagnetic Particles of Iron Oxide for Imaging Myocardial and Vascular Inflammation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1249-1264.	2.3	13
16	Biventricular pacemaker therapy improves exercise capacity in patients with non-obstructive hypertrophic cardiomyopathy via augmented diastolic filling on exercise. <i>European Journal of Heart Failure</i> , 2020, 22, 1263-1272.	2.9	12
17	Randomized double-blind placebo-controlled trial of perhexiline in heart failure with preserved ejection fraction syndrome. <i>Future Cardiology</i> , 2014, 10, 693-698.	0.5	11
18	T ₁ mapping for assessment of myocardial injury and microvascular obstruction at one week post myocardial infarction. <i>European Journal of Radiology</i> , 2016, 85, 279-285.	1.2	11

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19	Identification of myocardial diffuse fibrosis by 11 heartbeat MOLLI T1 mapping: averaging to improve precision and correlation with collagen volume fraction. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 101-113.	1.1	11
20	Magnetic resonance imaging: Physics basics for the cardiologist. <i>JRSM Cardiovascular Disease</i> , 2018, 7, 204800401877223.	0.4	10
21	Left Ventricular Blood Flow Kinetic Energy Assessment by 4D Flow Cardiovascular Magnetic Resonance: A Systematic Review of the Clinical Relevance. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 37.	0.8	10
22	The diagnostic accuracy of high b-value diffusion- and T2-weighted imaging for the detection of prostate cancer: a meta-analysis. <i>Abdominal Radiology</i> , 2018, 43, 1787-1797.	1.0	9
23	Parsimonious modeling of skeletal muscle perfusion: Connecting the stretched exponential and fractional Fickian diffusion. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1045-1057.	1.9	6
24	Selection of magnetization catalyzation and readout methods for modified Lookâ€“Locker inversion recovery: A T1 mapping primer. <i>Magnetic Resonance Imaging</i> , 2015, 33, 363-373.	1.0	3
25	Evaluation of Acute Supplementation With the Ketone Ester (R)-3-Hydroxybutyl-(R)-3-Hydroxybutyrate (deltaG) in Healthy Volunteers by Cardiac and Skeletal Muscle 31P Magnetic Resonance Spectroscopy. <i>Frontiers in Physiology</i> , 2022, 13, 793987.	1.3	3
26	Editorial for â€œNearâ€“Silent and Distortionâ€“Free Diffusion MRI in Pediatric Musculoskeletal Pathology: Comparison With Echo Planar Imaging Diffusionâ€“. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 514-515.	1.9	1
27	A novel method for measuring bowel motility and velocity with dynamic magnetic resonance imaging in two and three dimensions. <i>NMR in Biomedicine</i> , 2022, 35, e4663.	1.6	1
28	MOLLI T1 mapping versus T2 W-SPAIR at 3T: myocardial area at risk measurements and the influence of microvascular obstruction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, O22.	1.6	0
29	Dynamic changes of the extracellular matrix after acute tako-tsubo cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P259.	1.6	0
30	The Authors Reply:. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 633.	2.3	0
31	The Authors Reply:. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 635-636.	2.3	0
32	A Psychophysiological Examination of the Mutability of Type D Personality in a Therapeutic Trial. <i>Journal of Psychophysiology</i> , 2021, 35, 116-128.	0.3	0