

Gerd Brunner

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

233
citations

1040056

9
h-index

1058476

14
g-index

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all docs

16
docs citations

16
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Extracellular Volume Fraction Adds Prognostic Information Beyond Myocardial Replacement Fibrosis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009535.	2.6	56
2	The Effect of Lipid Modification on Peripheral Artery Disease after Endovascular Intervention Trial (ELIMIT). <i>Atherosclerosis</i> , 2013, 231, 371-377.	0.8	31
3	Magnetic resonance imaging-based computational modelling of blood flow and nanomedicine deposition in patients with peripheral arterial disease. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150001.	3.4	27
4	Automatic quantification of muscle volumes in magnetic resonance imaging scans of the lower extremities. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1065-1075.	1.8	26
5	Associations Between Carotid Artery Plaque Burden, Plaque Characteristics, and Cardiovascular Events. <i>JAMA Cardiology</i> , 2021, 6, 79-86.	6.1	20
6	Calf muscle perfusion as measured with magnetic resonance imaging to assess peripheral arterial disease. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1667-1681.	2.8	14
7	Postprandial effects on arterial stiffness parameters in healthy young adults. <i>Vascular Medicine</i> , 2015, 20, 501-508.	1.5	10
8	Distribution of calcification in carotid endarterectomy tissues: Comparison of micro-computed tomography imaging with histology. <i>Vascular Medicine</i> , 2014, 19, 343-350.	1.5	9
9	Patient-specific flow descriptors and normalised wall index in peripheral artery disease: a preliminary study. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018, 6, 119-127.	1.9	9
10	Morphometric analysis of calcification and fibrous layer thickness in carotid endarterectomy tissues. <i>Computers in Biology and Medicine</i> , 2016, 70, 210-219.	7.0	8
11	Magnetic resonance imaging based modeling of microvascular perfusion in patients with peripheral artery disease. <i>Journal of Biomechanics</i> , 2019, 93, 147-158.	2.1	8
12	Magnetic Resonance Venous Volume Measurements in Peripheral Artery Disease (from ELIMIT). <i>American Journal of Cardiology</i> , 2016, 118, 1399-1404.	1.6	6
13	Imaging Approaches to the Diagnosis of Vascular Diseases. <i>Current Atherosclerosis Reports</i> , 2022, 24, 85-96.	4.8	5
14	Relation of Magnetic Resonance Imaging Based Arterial Signal Enhancement to Markers of Peripheral Artery Disease. <i>American Journal of Cardiology</i> , 2021, 140, 140-147.	1.6	4
15	Abstract 18: The Effect of Lipid Modification on Peripheral Arterial Disease after Endovascular Intervention Trial (ELIMIT). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0
16	Abstract 510: Morphometrics of Calcification in Carotid Endarterectomy Tissue. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0