

Luca Biasioli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2611278/publications.pdf>

Version: 2024-02-01

40
papers

1,022
citations

567281

15
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

1835
citing authors

#	ARTICLE	IF	CITATIONS
1	Aortic Dilatation in Bicuspid Aortic Valve Disease. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 499-507.	2.6	329
2	OXSA: An open-source magnetic resonance spectroscopy analysis toolbox in MATLAB. <i>PLoS ONE</i> , 2017, 12, e0185356.	2.5	77
3	Arterial Effects of Canakinumab in Patients With Atherosclerosis and Type 2 Diabetes or Glucose Intolerance. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1769-1780.	2.8	75
4	Black-Blood Multicontrast Imaging of Carotid Arteries with DANTE-prepared 2D and 3D MR Imaging. <i>Radiology</i> , 2014, 273, 560-569.	7.3	74
5	Plaque Features Associated With Increased Cerebral Infarction After Minor Stroke and TIA. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 388-396.	5.3	60
6	Quantification of Lipid-Rich Core in Carotid Atherosclerosis Using Magnetic Resonance T2 Mapping. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 747-756.	5.3	60
7	In-vivo quantitative T2 mapping of carotid arteries in atherosclerotic patients: segmentation and T2 measurement of plaque components. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 69.	3.3	55
8	Implementation and validation of real-time algorithms for atrial fibrillation detection on a wearable ECG device. <i>Computers in Biology and Medicine</i> , 2020, 116, 103540.	7.0	29
9	Defining Myocardial Abnormalities Across the Stages of Chronic Kidney Disease. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2357-2367.	5.3	27
10	Automated localization and quality control of the aorta in cine CMR can significantly accelerate processing of the UK Biobank population data. <i>PLoS ONE</i> , 2019, 14, e0212272.	2.5	26
11	T2 mapping MRI technique quantifies carotid plaque lipid, and its depletion after statin initiation, following acute myocardial infarction. <i>Atherosclerosis</i> , 2018, 279, 100-106.	0.8	25
12	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials – A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. <i>International Journal of Cardiology</i> , 2021, 330, 251-258.	1.7	21
13	Quantification of carotid plaque lipid content with magnetic resonance T2 mapping in patients undergoing carotid endarterectomy. <i>PLoS ONE</i> , 2017, 12, e0181668.	2.5	21
14	Differential Gene Expression in Macrophages From Human Atherosclerotic Plaques Shows Convergence on Pathways Implicated by Genome-Wide Association Study Risk Variants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2718-2730.	2.4	20
15	Adverse cardiovascular magnetic resonance phenotypes are associated with greater likelihood of incident coronavirus disease 2019: findings from the UK Biobank. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1133-1144.	2.9	17
16	Quality Control-Driven Image Segmentation Towards Reliable Automatic Image Analysis in Large-Scale Cardiovascular Magnetic Resonance Aortic Cine Imaging. <i>Lecture Notes in Computer Science</i> , 2019, , 750-758.	1.3	15
17	Loss of fine structure and edge sharpness in fast-spin-echo carotid wall imaging: Measurements and comparison with multiple-spin-echo in normal and atherosclerotic subjects. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1136-1143.	3.4	13
18	Associations of cognitive performance with cardiovascular magnetic resonance phenotypes in the UK Biobank. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 663-672.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Poor Bone Quality is Associated With Greater Arterial Stiffness: Insights From the UK Biobank. Journal of Bone and Mineral Research, 2020, 36, 90-99.	2.8	11
20	Non-invasive imaging of carotid arterial restenosis using 3T cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 5.	3.3	8
21	Inherited Aortopathy Assessment in Relatives of Patients With a Bicuspid Aortic Valve. Journal of the American College of Cardiology, 2017, 69, 904-906.	2.8	8
22	Cardiovascular Effects of Unilateral Nephrectomy in Living Kidney Donors at 5 Years. Hypertension, 2021, 77, 1273-1284.	2.7	8
23	Associations of Meat and Fish Consumption With Conventional and Radiomics Cardiovascular Magnetic Resonance Phenotypes in the UK Biobank. Frontiers in Cardiovascular Medicine, 2021, 8, 667849.	2.4	7
24	Navigators-based reacquisition and estimation of motion-corrupted data: Application to multi-echo spin echo for carotid wall MRI. Magnetic Resonance in Medicine, 2020, 83, 2026-2041.	3.0	6
25	Emerging artificial intelligence applications in liver magnetic resonance imaging. World Journal of Gastroenterology, 2021, 27, 6825-6843.	3.3	5
26	Multicontrast MRI registration of carotid arteries in atherosclerotic and normal subjects. , 2010, , .		4
27	Response to Letter Regarding Article, "Aortic Dilatation in Bicuspid Aortic Valve Disease: Flow Pattern Is a Major Contributor and Differs With Valve Fusion Type". Circulation: Cardiovascular Imaging, 2014, 7, 214-214.	2.6	3
28	In-vivo T2 mapping of atherosclerotic plaques in carotid arteries. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	3.3	2
29	Histological validation of carotid plaque characterization by in-vivo T2 mapping in patients with recent cerebrovascular events: preliminary results. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P173.	3.3	2
30	Fast three-dimensional black-blood MR imaging for carotid artery intra-plaque haemorrhage using DANTE-prepared FLASH (3D-DASH). Journal of Cardiovascular Magnetic Resonance, 2014, 16, O75.	3.3	1
31	3.2 First Genome-Wide Association Study of Cardiovascular Magnetic Resonance Derived Aortic Distensibility Reveals 7 Loci. Artery Research, 2019, 25, S21-S22.	0.6	1
32	SE_MC sequence improves image quality of carotid arteries and atherosclerotic plaques. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	0
33	In-vivo carotid T2 mapping can accurately quantify plaque lipid content to discriminate between symptomatic and asymptomatic patients: histological validation, scan-rescan reproducibility and clinical study. Journal of Cardiovascular Magnetic Resonance, 2016, 18, W10.	3.3	0
34	Inherited aortopathy assessment in bicuspid aortic valve disease relative. Journal of Cardiovascular Magnetic Resonance, 2016, 18, P341.	3.3	0
35	Inter individual variations in LDL-C and carotid plaque lipid content with statin and the impact of plaque burden on plaque lipid reduction. , 2019, , .		0
36	Effect of coffee consumption on arterial stiffness from UK biobank imaging study. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	110â€¦Corneal biomechanical properties and vascular compliance in the UK biobank cohort. , 2019, , .		0
38	MO018CARDIOVASCULAR EFFECTS OF UNILATERAL NEPHRECTOMY IN LIVING KIDNEY DONORS AT FIVE YEARS. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
39	1â€¦Carotid plaque lipid reduction, determined by T2 mapping, occurs early after high-intensity statin initiation in patients presented with acute myocardial infarction. , 2018, , .		0
40	9â€¦Identification of thirty novel loci for cardiovascular magnetic resonance derived aortic distensibility in the UK Biobank. , 2021, , .		0