JÃºlia KarÃ¡dy

List of Publications by Year
in descending order

42 papers	1,047 citations	516710 16 h-index	434195 31 g-index
45 all docs	45 docs citations	45 times ranked	1747 citing authors

#	Article	IF	Citations
1	Are risk factors necessary for pretest probability assessment of coronary artery disease? A patient similarity network analysis of the PROMISE trial. Journal of Cardiovascular Computed Tomography, 2022, 16, 397-403.	1.3	5
2	Heritability of Coronary Artery Disease: Insights From a Classical Twin Study. Circulation: Cardiovascular Imaging, 2022, 15, e013348.	2.6	14
3	Validation of Wall Shear Stress Assessment in Non-invasive Coronary CTA versus Invasive Imaging: A Patient-Specific Computational Study. Annals of Biomedical Engineering, 2021, 49, 1151-1168.	2.5	16
4	Coronary plaque burden of the left anterior descending artery in patients with or without myocardial bridge: A case-control study based on coronary CT-angiography. International Journal of Cardiology, 2021, 327, 231-235.	1.7	8
5	Effect of vessel wall segmentation on volumetric and radiomic parameters of coronary plaques with adverse characteristics. Journal of Cardiovascular Computed Tomography, 2021, 15, 137-145.	1.3	16
6	Deep convolutional neural networks to predict cardiovascular risk from computed tomography. Nature Communications, 2021, 12, 715.	12.8	101
7	Association of Metabolic Phenotypes With Coronary Artery Disease and Cardiovascular Events in Patients With Stable Chest Pain. Diabetes Care, 2021, 44, 1038-1045.	8.6	18
8	Discordance of High-Sensitivity Troponin Assays in Patients With Suspected Acute Coronary Syndromes. Journal of the American College of Cardiology, 2021, 77, 1487-1499.	2.8	18
9	Assessment of Coronary Artery Disease With Computed Tomography Angiography and Inflammatory and Immune Activation Biomarkers Among Adults With HIV Eligible for Primary Cardiovascular Prevention. JAMA Network Open, 2021, 4, e2114923.	5.9	38
10	Effect of Wall Elasticity on Hemodynamics and Wall Shear Stress in Patient-Specific Simulations in the Coronary Arteries. Journal of Biomechanical Engineering, 2020, 142, .	1.3	41
11	Long-term health outcomes and cost-effectiveness of coronary CT angiography in patients with suspicion for acute coronary syndrome. Journal of Cardiovascular Computed Tomography, 2020, 14, 44-54.	1.3	15
12	Coronary Access After Repeated Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Imaging, 2020, 13, 508-515.	5.3	45
13	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. European Radiology, 2020, 30, 1997-2009.	4.5	3
14	Novel coronavirus epidemic in the Hungarian population, a cross-sectional nationwide survey to support the exit policy in Hungary. GeroScience, 2020, 42, 1063-1074.	4.6	73
15	Physiology and coronary artery disease: emerging insights from computed tomography imaging based computational modeling. International Journal of Cardiovascular Imaging, 2020, 36, 2319-2333.	1.5	9
16	Outcomes of anatomical vs. functional testing for coronary artery disease. Herz, 2020, 45, 421-430.	1.1	1
17	Cost-effectiveness Analysis of Anatomic vs Functional Index Testing in Patients With Low-Risk Stable Chest Pain. JAMA Network Open, 2020, 3, e2028312.	5.9	32
18	Radiomics versus Visual and Histogram-based Assessment to Identify Atheromatous Lesions at Coronary CT Angiography: An ex Vivo Study. Radiology, 2019, 293, 89-96.	7.3	88

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19	SMALL HEART VOLUME PREDICTS ADVERSE CARDIAC EVENTS IN PATIENTS WITH NONOBSTRUCTIVE CORONARY ARTERY DISEASE: INSIGHTS FROM THE PROSPECTIVE MULTICENTER IMAGING STUDY FOR EVALUATION OF CHEST PAIN (PROMISE) TRIAL. Journal of the American College of Cardiology, 2019, 73, 1631.	2.8	1
20	Effect of image reconstruction algorithms on volumetric and radiomic parameters of coronary plaques. Journal of Cardiovascular Computed Tomography, 2019, 13, 325-330.	1.3	27
21	Pretest probability for patients with suspected obstructive coronary artery disease: re-evaluating Diamondâ€“Forrester for the contemporary era and clinical implications: insights from the PROMISE trial. European Heart Journal Cardiovascular Imaging, 2019, 20, 574-581.	1.2	102
22	Quantitative CT assessment identifies more heart transplanted patients with progressive coronary wall thickening than standard clinical read. Journal of Cardiovascular Computed Tomography, 2019, 13, 128-133.	1.3	12
23	Transcatheter mitral valve replacement in mitral annulus calcification â€“ â€œThe art of computer simulationâ€• Journal of Cardiovascular Computed Tomography, 2018, 12, 153-157.	1.3	33
24	Image Quality of Prospectively ECG-Triggered Coronary CT Angiography in Heart Transplant Recipients. American Journal of Roentgenology, 2018, 210, 314-319.	2.2	8
25	Experience With an On-Site Coronary Computed Tomography-Derived Fractional Flow Reserve Algorithm for the Assessment of Intermediate Coronary Stenoses. American Journal of Cardiology, 2018, 121, 9-13.	1.6	37
26	TCT-97 Preserving coronary access after Valve-in-TAVI: a glimpse into the future.. Journal of the American College of Cardiology, 2018, 72, B42-B43.	2.8	0
27	Importance of operator training and rest perfusion on the diagnostic accuracy of stress perfusion cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 74.	3.3	33
28	Role of Multidetector Computed Tomography in Transcatheter Aortic Valve Implantation â€“ from Pre-procedural Planning to Detection of Post-procedural Complications. Journal of Cardiovascular Emergencies, 2018, 4, 178-186.	0.2	0
29	Iterative model reconstruction reduces calcified plaque volume in coronary CT angiography. European Journal of Radiology, 2017, 87, 83-89.	2.6	20
30	Aortic root dimensions are predominantly determined by genetic factors: a classical twin study. European Radiology, 2017, 27, 2419-2425.	4.5	4
31	Structured reporting platform improves CAD-RADS assessment. Journal of Cardiovascular Computed Tomography, 2017, 11, 449-454.	1.3	16
32	The Doppler paradox. Echocardiography, 2017, 34, 1965-1966.	0.9	0
33	Inverse association between hyperthymic affective temperament and coronary atherosclerosis: A coronary computed tomography angiography study. Journal of Psychosomatic Research, 2017, 103, 108-112.	2.6	12
34	Computational fluid dynamic modelling to determine the hemodynamic effects of implanting a transcatheter mitral valve within the left ventricle. International Journal of Cardiovascular Imaging, 2017, 34, 803-805.	1.5	2
35	The effect of four-phasic versus three-phasic contrast media injection protocols on extravasation rate in coronary CT angiography: a randomized controlled trial. European Radiology, 2017, 27, 4538-4543.	4.5	26
36	Radiomic Features Are Superior to Conventional Quantitative Computed Tomographic Metrics to Identify Coronary Plaques With Napkin-Ring Sign. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	156

#	ARTICLE	IF	CITATIONS
37	Editorial. The Closer We Get, The Further Apart We Become. Journal of Cardiovascular Emergencies, 2017, 3, 111-112.	0.2	0
38	Measurement of the Red Blood Cell Distribution Width Improves the Risk Prediction in Cardiac Resynchronization Therapy. Disease Markers, 2016, 2016, 1-13.	1.3	9
39	One-year experience of structured data collection and report generating: Semmelweis cardiac CT registry. Journal of Cardiovascular Computed Tomography, 2016, 10, e14.	1.3	0
40	Effect of adipose tissue compartments on the presence of coronary artery disease. Journal of Cardiovascular Computed Tomography, 2016, 10, e6.	1.3	0
41	Complement C3a predicts outcome in cardiac resynchronization therapy of heart failure. Inflammation Research, 2016, 65, 933-940.	4.0	7
42	Respiratory gating algorithm helps to reconstruct more accurate electroanatomical maps during atrial fibrillation ablation performed under spontaneous respiration. Journal of Interventional Cardiac Electrophysiology, 2016, 46, 153-159.	1.3	1