Åukasz A MaÅ‚ek

List of Publications by Year
in descending order

106 papers	1,461 citations	361045 20 h-index	395343 33 g-index
109 all docs	109 docs citations	109 times ranked	2424 citing authors

#	Article	IF	Citations
1	A new model of homeâ€based telemonitored cardiac rehabilitation in patients with heart failure: effectiveness, quality of life, and adherence. European Journal of Heart Failure, 2010, 12, 164-171.	2.9	169
2	Cardiac involvement in consecutive elite athletes recovered from Covidâ€19: A magnetic resonance study. Journal of Magnetic Resonance Imaging, 2021, 53, 1723-1729.	1.9	88
3	Comparison of different quantification methods of late gadolinium enhancement in patients with hypertrophic cardiomyopathy. European Journal of Radiology, 2010, 74, e149-e153.	1.2	87
4	Coexisting Polymorphisms of P2Y12 and CYP2C19 Genes as a Risk Factor for Persistent Platelet Activation With Clopidogrel. Circulation Journal, 2008, 72, 1165-1169.	0.7	82
5	The BAG3 gene variants in Polish patients with dilated cardiomyopathy: four novel mutations and a genotype-phenotype correlation. Journal of Translational Medicine, 2014, 12, 192.	1.8	81
6	Myocardial fibrosis in athletesâ€”Current perspective. Clinical Cardiology, 2020, 43, 882-888.	0.7	45
7	Admission B-type natriuretic peptide assessment improves early risk stratification by Killip classes and TIMI risk score in patients with acute ST elevation myocardial infarction treated with primary angioplasty. International Journal of Cardiology, 2007, 115, 386-390.	0.8	42
8	The value of cardiac magnetic resonance and distribution of late gadolinium enhancement for risk stratification of sudden cardiac death in patients with hypertrophic cardiomyopathy. Journal of Cardiology, 2016, 68, 49-56.	0.8	42
9	Native T1-mapping for non-contrast assessment of myocardial fibrosis in patients with hypertrophic cardiomyopathy â€” comparison with late enhancement quantification. Magnetic Resonance Imaging, 2015, 33, 718-724.	1.0	32
10	Elite athletes with COVID-19 â€” Predictors of the course of disease. Journal of Science and Medicine in Sport, 2022, 25, 9-14.	0.6	31
11	Cardiac Magnetic Resonance Followâ€Up of Children After Pediatric Inflammatory Multisystem Syndrome Temporally Associated With ‹scp›SARSâ€CoV‹/scp›â€2 With Initial Cardiac Involvement. Journal of Magnetic Resonance Imaging, 2022, 55, 883-891.	1.9	30
12	Cardiovascular magnetic resonance with parametric mapping in long-term ultra-marathon runners. European Journal of Radiology, 2019, 117, 89-94.	1.2	29
13	Magnetic resonance imaging assessment of intraventricular dyssynchrony and delayed enhancement as predictors of response to cardiac resynchronization therapy in patients with heart failure of ischaemic and non-ischaemic etiologies. European Journal of Radiology, 2012, 81, 2639-2647.	1.2	28
14	A study in Polish patients with cardiomyopathy emphasizes pathogenicity of phospholamban (PLN) mutations at amino acid position 9 and low penetrance of heterozygous null PLN mutations. BMC Medical Genetics, 2015, 16, 21.	2.1	28
15	Baseline platelet reactivity in acute myocardial infarction treated with primary angioplastyâ€”Influence on myocardial reperfusion, left ventricular performance, and clinical events. American Heart Journal, 2007, 154, 62-70.	1.2	25
16	Right ventricular outflow tract obstruction as a confounding factor in the assessment of the impact of pulmonary regurgitation on the right ventricular size and function in patients after repair of tetralogy of fallot. Journal of Magnetic Resonance Imaging, 2011, 33, 1040-1046.	1.9	24
17	Repaired Tetralogy of Fallot: Ratio of Right Ventricular Volume to Left Ventricular Volume as a Marker of Right Ventricular Dilatation. Radiology, 2012, 265, 78-86.	3.6	24
18	What is the optimal anatomic location for coronary artery pressure measurement at CT-derived FFR?. Journal of Cardiovascular Computed Tomography, 2017, 11, 397-403.	0.7	23

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19	Children With Acute Myocarditis Often Have Persistent Subclinical Changes as Revealed by Cardiac Magnetic Resonance. Journal of Magnetic Resonance Imaging, 2020, 52, 488-496.	1.9	23
20	Cytochrome P450 2C19 Polymorphism, Suboptimal Reperfusion and All-Cause Mortality in Patients with Acute Myocardial Infarction. Cardiology, 2010, 117, 81-87.	0.6	22
21	MicroRNAs as Biomarkers of Systemic Changes in Response to Endurance Exerciseâ€"A Comprehensive Review. Diagnostics, 2020, 10, 813.	1.3	20
22	Noncorticosteroid Immunosuppression LimitsÂMyocardial Damage and Contractile Dysfunction inÂEosinophilic Granulomatosis With Polyangiitis (Churg-Strauss Syndrome). Journal of the American College of Cardiology, 2015, 65, 103-105.	1.2	17
23	Cardiac Magnetic Resonance Assessment of the Structural and Functional Cardiac Adaptations to Soccer Training in School-Aged Male Children. Pediatric Cardiology, 2018, 39, 948-954.	0.6	16
24	Influence of different antiplatelet treatment regimens for primary percutaneous coronary intervention on all-cause mortality. European Heart Journal, 2009, 30, 1736-1743.	1.0	15
25	Left ventricular hypertrophy in middle-aged endurance athletes. Blood Pressure Monitoring, 2019, 24, 110-113.	0.4	14
26	Echocardiographic Assessment of Right Ventricularâ€"Arterial Coupling in Predicting Prognosis of Pulmonary Arterial Hypertension Patients. Journal of Clinical Medicine, 2021, 10, 2995.	1.0	14
27	Quantitative assessment of pulmonary regurgitation in patients with and without right ventricular tract obstruction. European Journal of Radiology, 2011, 80, e164-e168.	1.2	13
28	Influence of left ventricular hypertrophy on infarct size and left ventricular ejection fraction in ST-elevation myocardial infarction. European Journal of Radiology, 2012, 81, e177-e181.	1.2	13
29	The ratio of right ventricular volume to left ventricular volume reflects the impact of pulmonary regurgitation independently of the method of pulmonary regurgitation quantification. European Journal of Radiology, 2012, 81, e977-e981.	1.2	13
30	Clinical, biochemical and genetical resistance to clopidogrel in a patient with the recurrent coronary stent thrombosisâ€"a case report and review of the literature. International Journal of Cardiology, 2006, 111, 326-328.	0.8	12
31	Relation between impaired antiplatelet response to clopidogrel and possible pleiotropic effects. Journal of Thrombosis and Thrombolysis, 2007, 24, 301-305.	1.0	12
32	The risk of non-sustained ventricular tachycardia after percutaneous alcohol septal ablation in patients with hypertrophic obstructive cardiomyopathy. Clinical Research in Cardiology, 2010, 99, 285-292.	1.5	12
33	A new c.1621 C>G, p.R541G lamin A/C mutation in a family with DCM and regional wall motion abnormalities (akinesis/dyskinesis): genotypeâ€"phenotype correlation. Journal of Human Genetics, 2011, 56, 83-86.	1.1	12
34	Prognostic role of PET/MRI hybrid imaging in patients with pulmonary arterial hypertension. Heart, 2021, 107, 54-60.	1.2	12
35	Deformation Parameters of the Heart in Endurance Athletes and in Patients with Dilated Cardiomyopathyâ€"A Cardiac Magnetic Resonance Study. Diagnostics, 2021, 11, 374.	1.3	12
36	A nurse-led intervention to promote physical activity in sedentary older adults with cardiovascular risk factors: a randomized clinical trial (STEP-IT-UP study). European Journal of Cardiovascular Nursing, 2020, 19, 638-645.	0.4	11

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37	Multimodal assessment of right ventricle overload-metabolic and clinical consequences in pulmonary arterial hypertension. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 49.	1.6	11
38	Electrocardiographic diagnosis of the left ventricular hypertrophy in patients with left bundle branch block: Is it necessary to verify old criteria?. Cardiology Journal, 2012, 19, 591-596.	0.5	11
39	Long term exercise capacity in patients with hypertrophic cardiomyopathy treated with percutaneous transluminal septal myocardial ablation. European Journal of Heart Failure, 2008, 10, 1123-1126.	2.9	10
40	Platelet Reactivity and Intramyocardial Hemorrhage in Patients With ST-Segment Elevation Myocardial Infarction. Clinical and Applied Thrombosis/Hemostasis, 2014, 20, 553-558.	0.7	10
41	Normal Values for Left Ventricular Mass in Relation to Lean Body Mass in Child and Adolescent Athletes. Pediatric Cardiology, 2019, 40, 204-208.	0.6	10
42	Clinical and prognostic relevancy of left ventricular trabeculation assessed by cardiac magnetic resonance in patients with dilated cardiomyopathy. Kardiologia Polska, 2017, 75, 794-803.	0.3	10
43	Platelet reactivity on aspirin, clopidogrel and abciximab in patients with acute coronary syndromes and reduced estimated glomerular filtration rate. Thrombosis Research, 2010, 125, 67-71.	0.8	9
44	The size does not matter â€“ The presence of microvascular obstruction but not its extent corresponds to larger infarct size in reperfused STEMI. European Journal of Radiology, 2012, 81, 2839-2843.	1.2	9
45	Biventricular mechanics in prediction of severe myocardial fibrosis in patients with dilated cardiomyopathy: CMR study. European Journal of Radiology, 2017, 91, 71-81.	1.2	9
46	Altered Circulating MicroRNA Profiles After Endurance Training: A Cohort Study of Ultramarathon Runners. Frontiers in Physiology, 2021, 12, 792931.	1.3	9
47	Late coronary intervention for totally occluded left anterior descending coronary arteries in stable patients after myocardial infarction: Results from the Occluded Artery Trial (OAT). American Heart Journal, 2009, 157, 724-732.	1.2	8
48	Late gadolinium enhancement gray zone in patients with hypertrophic cardiomyopathy. Comparison of different gray zone definitions. International Journal of Cardiovascular Imaging, 2010, 26, 693-699.	0.7	8
49	Cine dyscontractility index: A novel marker of mechanical dyssynchrony that predicts response to cardiac resynchronization therapy. Journal of Magnetic Resonance Imaging, 2016, 44, 1483-1492.	1.9	8
50	Left-ventricular mechanics in children with hypertrophic cardiomyopathy. CMR study. Magnetic Resonance Imaging, 2017, 43, 56-65.	1.0	8
51	Factors Related to Cardiac Troponin T Increase after Participation in a 100 Km Ultra-Marathon. Diagnostics, 2020, 10, 167.	1.3	8
52	Biatrial performance in children with hypertrophic cardiomyopathy: CMR study. European Radiology, 2018, 28, 5148-5159.	2.3	7
53	Left ventricular mass is underestimated in overweight children because of incorrect body size variable chosen for normalization. PLoS ONE, 2019, 14, e0217637.	1.1	7
54	Prognostic value of late gadolinium enhancement mass index in patients with pulmonary arterial hypertension. Advances in Medical Sciences, 2021, 66, 28-34.	0.9	7

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55	The Cardiac Effects of Performance-Enhancing Medications: Caffeine vs. Anabolic Androgenic Steroids. Diagnostics, 2021, 11, 324.	1.3	7
56	Epicardial Adipose Tissue and Cardiovascular Risk Assessment in Ultra-Marathon Runners: A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 3136.	1.2	7
57	Alterations in Circulating MicroRNAs and the Relation of MicroRNAs to Maximal Oxygen Consumption and Intimaâ€“Media Thickness in Ultra-Marathon Runners. International Journal of Environmental Research and Public Health, 2021, 18, 7234.	1.2	7
58	Normal values of native T 1 and T 2 relaxation times on 3T cardiac MR in a healthy pediatric population aged 9â€“18 years. Journal of Magnetic Resonance Imaging, 2020, 51, 912-918.	1.9	6
59	Changes in Short-Term and Ultra-Short Term Heart Rate, Respiratory Rate, and Time-Domain Heart Rate Variability Parameters during Sympathetic Nervous System Activity Stimulation in Elite Modern Pentathlonistsâ€”A Pilot Study. Diagnostics, 2020, 10, 1104.	1.3	6
60	Early Myocardial Changes in Patients with Rheumatoid Arthritis without Known Cardiovascular Diseasesâ€”A Comprehensive Cardiac Magnetic Resonance Study. Diagnostics, 2021, 11, 2290.	1.3	6
61	Clinical, biochemical and genetical resistance to clopidogrel in a patient with the recurrent coronary stent thrombosisâ€”A case report and review of the literature. Response. International Journal of Cardiology, 2007, 116, 134-135.	0.8	5
62	Cardiac deformation parameters and rotational mechanics by cardiac magnetic resonance feature tracking in pre-adolescent male soccer players. Cardiology in the Young, 2018, 28, 882-884.	0.4	5
63	The Effect of the Ultra-Marathon Run at a Distance of 100 Kilometers on the Concentration of Selected Adipokines in Adult Men. International Journal of Environmental Research and Public Health, 2020, 17, 4289.	1.2	5
64	Usefulness of three-dimensional echocardiography for assessment of left and right ventricular volumes in children, verified by cardiac magnetic resonance. Can we overcome the discrepancy?. Archives of Medical Science, 2021, 17, 71-83.	0.4	5
65	Late percutaneous coronary intervention for an occluded infarct-related artery in patients with preserved infarct zone viability: A pooled analysis of cardiovascular magnetic resonance studies. Cardiology Journal, 2013, 20, 552-559.	0.5	5
66	The usefulness of cardiovascular magnetic resonance imaging in children with myocardial diseases. Kardiologia Polska, 2015, 73, 419-428.	0.3	5
67	Electrocardiographic features and prognosis in acute diagonal or marginal branch occlusion. American Journal of Emergency Medicine, 2007, 25, 170-173.	0.7	4
68	Avoiding pacemaker lead entrapment during PFO closure. Catheterization and Cardiovascular Interventions, 2008, 72, 97-9.	0.7	4
69	Comparison of echocardiographic linear dimensions for male and female child and adolescent athletes with published pediatric normative data. PLoS ONE, 2018, 13, e0205459.	1.1	4
70	Myocardial fibrosis in athletes: Additional considerations. Clinical Cardiology, 2020, 43, 1208-1208.	0.7	4
71	Determinants of left- and rightâ€‘ventricular ejection fractions in patients with repaired tetralogy of Fallot: a cardiac magnetic resonance imaging study. Polish Archives of Internal Medicine, 2013, 123, 539-546.	0.3	4
72	Validation of performance of free of charge plugin for the open-source platform to perform cardiac segmentation in magnetic resonance imaging. Heart Beat Journal, 2019, 3, 83-89.	0.2	4

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73	Combined analysis of myocardial function, viability, and stress perfusion in patients with chronic total occlusion in relation to collateral flow. Kardiologia Polska, 2015, 73, 909-915.	0.3	4
74	Accuracy of Impedance Cardiography for Hemodynamic Assessment During Rest and Exercise in Wheelchair Rugby Players. Research Quarterly for Exercise and Sport, 2019, 90, 336-343.	0.8	3
75	Left ventricular mass normalization for body size in children based on an allometrically adjusted ratio is as accurate as normalization based on the centile curves method. PLoS ONE, 2019, 14, e0225287.	1.1	3
76	Goalkeepers Live Longer than Field Players: A Retrospective Cohort Analysis Based on World-Class Football Players. International Journal of Environmental Research and Public Health, 2020, 17, 6297.	1.2	3
77	The value of chosen diagnostic tools in evaluating myocarditis in children and adolescents. Pediatria Polska, 2018, 93, 389-395.	0.1	3
78	Right ventricular outflow tract obstruction should be considered in assessing influence of pulmonary regurgitation on right ventricular volume. European Heart Journal, 2009, 30, 1807-1807.	1.0	2
79	Use of antiplatelet therapies during primary percutaneous coronary intervention for acute myocardial infarction. Interventional Cardiology, 2010, 2, 705-718.	0.0	2
80	Cardiac Involvement After Recovering From COVID-19. JAMA Cardiology, 2021, 6, 243.	3.0	2
81	Can We Provide Safe Training and Competition for All Athletes? From Mobile Heart Monitoring to Side Effects of Performance-Enhancing Drugs and MicroRNA Research. Diagnostics, 2021, 11, 492.	1.3	2
82	Evaluation of Galectin-3 Plasma Concentration in Adolescents with Ventricular Arrhythmia. International Journal of Environmental Research and Public Health, 2021, 18, 2410.	1.2	2
83	Isolated myocardial edema in cardiac magnetic resonance â€“ in search of a management strategy. Trends in Cardiovascular Medicine, 2022, , .	2.3	2
84	Response to letter of Dr van Werkum et al.. International Journal of Cardiology, 2007, 119, 122-123.	0.8	1
85	Patency of infarct-related artery and platelet reactivity in patients with ST-segment elevation myocardial infarction. Cor Et Vasa, 2013, 55, e126-e130.	0.1	1
86	Longevity of Polish male Olympic medallists born between 1888 and 1965. Biomedical Human Kinetics, 2021, 13, 29-36.	0.2	1
87	Cardiac magnetic resonance markers of left-ventricular non-compaction in patients with suspicious echocardiographic study. Heart Beat Journal, 2016, 1, 9-11.	0.2	1
88	A case of tuberculous pericarditis on cardiac magnetic resonance. Kardiologia Polska, 2017, 75, 1354-1354.	0.3	1
89	Football spectatorship and selected acute cardiovascular events: lack of a population-scale association in Poland. Kardiologia Polska, 2020, 78, 1148-1155.	0.3	1
90	Cardioverter-defibrillator lead-related thrombus treated with prolonged anticoagulation in patient with prothrombotic disorder. Blood Coagulation and Fibrinolysis, 2008, 19, 319-321.	0.5	0

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91	Myocarditis imitating acute coronary syndrome â€“ a. Postepy W Kardiologii Interwencyjnej, 2010, 3, 142-146.	0.1	0
92	Selected issues regarding coronary stents. Postepy W Kardiologii Interwencyjnej, 2010, 2, 80-86.	0.1	0
93	Cardiac magnetic resonance in acute coronary syndromes. Postepy W Kardiologii Interwencyjnej, 2011, 1, 68-71.	0.1	0
94	Complications of myocardial infarction in cardiac magnetic resonance imaging. Postepy W Kardiologii Interwencyjnej, 2011, 1, 72-78.	0.1	0
95	New methods in diagnostic and therapy Magnetic resonance myocardial perfusion imaging â€“ still new or a routinely used tool in coronary artery disease diagnostics?. Postepy W Kardiologii Interwencyjnej, 2012, 3, 225-233.	0.1	0
96	Cardiovascular imaging To uncover what is unknown or forgotten â€“ cardiac magnetic resonance in the identification of vascular pathologies in patients after tetralogy of Fallot repair. Postepy W Kardiologii Interwencyjnej, 2014, 2, 104-109.	0.1	0
97	Patency of the infarct-related artery and time-dependant infarct transmurality on cardiovascular magnetic resonance in patients with ST-segment elevation myocardial infarction treated by primary percutaneous intervention. Cor Et Vasa, 2014, 56, e337-e341.	0.1	0
98	Do we need invasive confirmation of cardiac magnetic resonance results?. Postepy W Kardiologii Interwencyjnej, 2017, 1, 26-31.	0.1	0
99	Coronary arteries and aortic arch vessels in long-term active ultra-marathon runners and non-athletic controls. Postepy W Kardiologii Interwencyjnej, 2020, 16, 229-230.	0.1	0
100	Left ventricular mass normalization in child and adolescent athletes must account for sex differences. PLoS ONE, 2020, 15, e0236632.	1.1	0
101	The Role of Cardiac Magnetic Resonance in Evaluation of Idiopathic Ventricular Arrhythmia in Children. Journal of Clinical Medicine, 2021, 10, 1335.	1.0	0
102	A rare case of biventricular non-compaction cardiomyopathy associated with ventricular septal defect and atrial septal aneurysm. Cardiology Journal, 2012, 19, 652-653.	0.5	0
103	Right pulmonary artery aplasia with coronary collaterals supplying a hypoplastic lung. Kardiologia Polska, 2013, 71, 1209-1209.	0.3	0
104	Two cases of cardiac haemangioma on cardiac magnetic resonance in adolescents. Pediatria Polska, 2018, 93, 362-365.	0.1	0
105	Efficacy of occupational therapy in the rehabilitation of the distal radius fracture â€“ systematic review. Advances in Rehabilitation, 2019, 2019, 67-76.	0.2	0
106	Diagnostic Yield of Cardiac Magnetic Resonance in Athletes with and without Features of the Athleteâ€™s Heart and Suspected Structural Heart Disease. International Journal of Environmental Research and Public Health, 2022, 19, 4829.	1.2	0