

Gert Klug

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4663480/publications.pdf>

Version: 2024-02-01

84
papers

1,986
citations

236612

25
h-index

276539

41
g-index

85
all docs

85
docs citations

85
times ranked

2566
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Value of Microvascular Obstruction and Infarct Size, as Measured by CMR in STEMI Patients. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 930-939.	2.3	271
2	Prognostic value at 5 years of microvascular obstruction after acute myocardial infarction assessed by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 52.	1.6	86
3	Predictive value of NT-pro BNP after acute myocardial infarction: Relation with acute and chronic infarct size and myocardial function. <i>International Journal of Cardiology</i> , 2011, 147, 118-123.	0.8	77
4	Intramyocardial haemorrhage and prognosis after ST-elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 138-146.	0.5	70
5	Association of copeptin with myocardial infarct size and myocardial function after ST segment elevation myocardial infarction. <i>Heart</i> , 2013, 99, 1525-1529.	1.2	65
6	Prognostic Implications of Global Longitudinal Strain by Feature-Tracking Cardiac Magnetic Resonance in ST-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009404.	1.3	61
7	Relation of inflammatory markers with myocardial and microvascular injury in patients with reperfused ST-elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 640-649.	0.4	58
8	Late microvascular obstruction after acute myocardial infarction: Relation with cardiac and inflammatory markers. <i>International Journal of Cardiology</i> , 2012, 157, 391-396.	0.8	56
9	Comparison of an Oscillometric Method with Cardiac Magnetic Resonance for the Analysis of Aortic Pulse Wave Velocity. <i>PLoS ONE</i> , 2015, 10, e0116862.	1.1	52
10	Assessing myocardial recovery following ST-segment elevation myocardial infarction: short- and long-term perspectives using cardiovascular magnetic resonance. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 203-219.	0.6	51
11	Effect of the COVID-19 Pandemic on Treatment Delays in Patients with ST-Segment Elevation Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2020, 9, 2183.	1.0	51
12	Multi-vendor, multicentre comparison of contrast-enhanced SSFP and T2-STIR CMR for determining myocardium at risk in ST-elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 744-753.	0.5	47
13	High-sensitivity troponin T for prediction of left ventricular function and infarct size one year following ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2016, 202, 188-193.	0.8	45
14	In vivo measurement of local aortic pulse wave velocity in mice with MR microscopy at 17.6 tesla. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 1293-1299.	1.9	42
15	Fibroblast growth factor 23 as novel biomarker for early risk stratification after ST-elevation myocardial infarction. <i>Heart</i> , 2017, 103, 856-862.	1.2	41
16	Prognosis-based definition of left ventricular remodeling after ST-elevation myocardial infarction. <i>European Radiology</i> , 2019, 29, 2330-2339.	2.3	40
17	Comparison of wall thickening and ejection fraction by cardiovascular magnetic resonance and echocardiography in acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 22.	1.6	38
18	Prognostic value of left ventricular global function index in patients after ST-segment elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 169-176.	0.5	38

#	ARTICLE	IF	CITATIONS
19	Relation of Low-Density Lipoprotein Cholesterol With Microvascular Injury and Clinical Outcome in Revascularized ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	37
20	Role of biomarkers in assessment of early infarct size after successful p-PCI for STEMI. <i>Clinical Research in Cardiology</i> , 2011, 100, 501-510.	1.5	35
21	Impact of COVID-19 pandemic restrictions on ST-elevation myocardial infarction: a cardiac magnetic resonance imaging study. <i>European Heart Journal</i> , 2022, 43, 1141-1153.	1.0	35
22	Quantification of regional functional improvement of infarcted myocardium after primary PTCA by contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 298-304.	1.9	31
23	Prognostic Value of Aortic Stiffness in Patients After ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	31
24	Takotsubo Cardiomyopathy in Traumatic Brain Injury. <i>Neurocritical Care</i> , 2017, 26, 284-291.	1.2	29
25	Galectin-3: Relation to infarct scar and left ventricular function after myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 163, 335-337.	0.8	27
26	Acute kidney injury is associated with microvascular myocardial damage following myocardial infarction. <i>Kidney International</i> , 2017, 92, 743-750.	2.6	27
27	Is MRI equivalent to CT in the guidance of TAVR? A pilot study. <i>European Radiology</i> , 2018, 28, 4625-4634.	2.3	26
28	Global longitudinal strain by feature tracking for optimized prediction of adverse remodeling after ST-elevation myocardial infarction. <i>Clinical Research in Cardiology</i> , 2021, 110, 61-71.	1.5	25
29	Novel biomarkers predicting cardiac function after acute myocardial infarction. <i>British Medical Bulletin</i> , 2016, 119, 63-74.	2.7	23
30	Copeptin Testing in Acute Myocardial Infarction: Ready for Routine Use?. <i>Disease Markers</i> , 2015, 2015, 1-9.	0.6	22
31	Biomarker assessment for early infarct size estimation in ST-elevation myocardial infarction. <i>European Journal of Internal Medicine</i> , 2019, 64, 57-62.	1.0	21
32	Prognostic implications of psoas muscle area in patients undergoing transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 210-216.	0.6	20
33	Acute myocardial infarction as a manifestation of systemic vasculitis. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 841-843.	1.0	19
34	C-reactive protein velocity predicts microvascular pathology after acute ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2021, 338, 30-36.	0.8	19
35	Multimarker approach for the prediction of microvascular obstruction after acute ST-segment elevation myocardial infarction: a prospective, observational study. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 239.	0.7	18
36	Fetuin-A is related to infarct size, left ventricular function and remodelling after acute STEMI. <i>Open Heart</i> , 2015, 2, e000244.	0.9	17

#	ARTICLE	IF	CITATIONS
37	ACEF score adapted to ST-elevation myocardial infarction patients: The ACEF-STEMI score. <i>International Journal of Cardiology</i> , 2018, 264, 18-24.	0.8	17
38	Impact of infarct location and size on clinical outcome after ST-elevation myocardial infarction treated by primary percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2020, 301, 14-20.	0.8	16
39	Combined biomarker testing for the prediction of left ventricular remodelling in ST-elevation myocardial infarction. <i>Open Heart</i> , 2016, 3, e000485.	0.9	15
40	Circulating corin concentrations are related to infarct size in patients after ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2015, 192, 22-23.	0.8	14
41	Persistent T-wave inversion predicts myocardial damage after ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2017, 241, 76-82.	0.8	14
42	Non-contrast MRI protocol for TAVI guidance: quiescent-interval single-shot angiography in comparison with contrast-enhanced CT. <i>European Radiology</i> , 2020, 30, 4847-4856.	2.3	14
43	Left ventricular global function index: Relation with infarct characteristics and left ventricular ejection fraction after STEMI. <i>International Journal of Cardiology</i> , 2014, 175, 579-581.	0.8	13
44	High sensitivity C-reactive protein is associated with worse infarct healing after revascularized ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2021, 328, 191-196.	0.8	13
45	Global longitudinal strain improves risk assessment after ST-segment elevation myocardial infarction: a comparative prognostic evaluation of left ventricular functional parameters. <i>Clinical Research in Cardiology</i> , 2021, 110, 1599-1611.	1.5	13
46	Use and limitations of Cardiac Magnetic Resonance derived measures of aortic stiffness in patients after acute myocardial infarction. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1259-1265.	1.0	12
47	Association of Myocardial Injury With Serum Procalcitonin Levels in Patients With ST-Elevation Myocardial Infarction. <i>JAMA Network Open</i> , 2020, 3, e207030.	2.8	12
48	Prognostic significance of transaminases after acute ST-elevation myocardial infarction: insights from a cardiac magnetic resonance study. <i>Wiener Klinische Wochenschrift</i> , 2015, 127, 843-850.	1.0	11
49	N-terminal pro-B-type natriuretic peptide is associated with aortic stiffness in patients presenting with acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 560-567.	0.4	11
50	Obesity paradox in ST-elevation myocardial infarction: is it all about infarct size?. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 180-182.	1.8	11
51	Self-navigated 3D whole-heart MRA for non-enhanced surveillance of thoracic aortic dilation: A comparison to CTA. <i>Magnetic Resonance Imaging</i> , 2021, 76, 123-130.	1.0	11
52	Association of plasma interleukin-6 with infarct size, reperfusion injury, and adverse remodelling after ST-elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 113-123.	0.4	11
53	Long-term predictive value of copeptin after acute myocardial infarction: A cardiac magnetic resonance study. <i>International Journal of Cardiology</i> , 2014, 172, e359-e360.	0.8	9
54	Heart rate and left ventricular adverse remodelling after ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2016, 219, 339-344.	0.8	9

#	ARTICLE	IF	CITATIONS
55	Thyroid-stimulating hormone and adverse left ventricular remodeling following ST-segment elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 717-726.	0.4	9
56	Biomarkers of Hemodynamic Stress and Aortic Stiffness after STEMI: A Cross-Sectional Analysis. <i>Disease Markers</i> , 2015, 2015, 1-7.	0.6	8
57	Baseline LV ejection fraction by cardiac magnetic resonance and 2D echocardiography after ST-elevation myocardial infarction – influence of infarct location and prognostic impact. <i>European Radiology</i> , 2020, 30, 663-671.	2.3	8
58	Association of C-Reactive Protein Velocity with Early Left Ventricular Dysfunction in Patients with First ST-Elevation Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2021, 10, 5494.	1.0	8
59	Association between inflammation and left ventricular thrombus formation following ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2022, 361, 1-6.	0.8	8
60	Utility of NT-proBNP in predicting infarct scar and left ventricular dysfunction at a chronic stage after myocardial infarction. <i>European Journal of Internal Medicine</i> , 2016, 29, e16-e18.	1.0	7
61	Determinants and prognostic relevance of aortic stiffness in patients with recent ST-elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 237-247.	0.7	7
62	Cardiac index after acute ST-segment elevation myocardial infarction measured with phase-contrast cardiac magnetic resonance imaging. <i>European Radiology</i> , 2016, 26, 1999-2008.	2.3	6
63	Relationship between admission Q waves and microvascular injury in patients with ST-elevation myocardial infarction treated with primary percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2019, 297, 1-7.	0.8	6
64	Complete versus simplified Selvester QRS score for infarct severity assessment in ST-elevation myocardial infarction. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 285.	0.7	6
65	Determinants and prognostic value of cardiac magnetic resonance imaging-derived infarct characteristics in non-ST-elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 67-76.	0.5	5
66	Microvascular obstruction and diastolic dysfunction after STEMI: An important link?. <i>International Journal of Cardiology</i> , 2020, 301, 40-41.	0.8	5
67	A novel approach to determine aortic valve area with phase-contrast cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 7.	1.6	5
68	Serpentine-like right atrial mass and fulminant bilateral pulmonary embolism during treatment with rivaroxaban. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1001-1002.	0.7	4
69	Impact of posteromedial papillary muscle infarction on mitral regurgitation during ST-segment elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 503-511.	0.7	4
70	Impact of smoking on cardiac magnetic resonance infarct characteristics and clinical outcome in patients with non-ST-elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1079-1087.	0.7	3
71	Estimating the extent of myocardial damage in patients with STEMI using the DETERMINE score. <i>Open Heart</i> , 2021, 8, e001538.	0.9	3
72	Myocarditis diagnosed by magnetic resonance imaging. <i>Wiener Klinische Wochenschrift</i> , 2006, 118, 21-21.	1.0	2

#	ARTICLE	IF	CITATIONS
73	Left ventricular unloading by percutaneous mechanical circulatory support in takotsubo syndrome with severe cardiogenic shock. <i>European Heart Journal</i> , 2019, 40, 2919-2919.	1.0	2
74	A solid mass trapped in the right atrium. <i>European Heart Journal</i> , 2015, 36, 2894.1-2894.	1.0	1
75	Plaque Imaging in Murine Models of Cardiovascular Disease. <i>Methods in Molecular Biology</i> , 2011, 771, 407-420.	0.4	1
76	Cardiac magnetic resonance imaging improves prognostic stratification of patients with ST-elevation myocardial infarction and preserved ejection fraction. <i>European Heart Journal Open</i> , 2021, 1, .	0.9	1
77	Pulsus paradoxus due to a tumorous mass constricting the heart. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 410-410.	0.5	0
78	Massive Pulmonary Embolism With a Large Thrombus Trapped in the Patent Foramen Ovale. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010501.	1.3	0
79	Antithrombotic Strategies in Patients With Atrial Fibrillation and Percutaneous Coronary Intervention. <i>JAMA Cardiology</i> , 2021, 6, 240.	3.0	0
80	Prognostic value of depressed cardiac index after STEMI: a phase-contrast magnetic resonance study. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 53-61.	0.4	0
81	Incidental diagnosis of a complicated left ventricular non-compaction cardiomyopathy mimicking a cardiac haematoma. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab194.	0.3	0
82	The role of circulating microRNAs in acute coronary syndromes: ready for prime time?. <i>Annals of Translational Medicine</i> , 2016, 4, 537-537.	0.7	0
83	Mechanical complications after STEMI: Another collateral damage of the COVID-19 pandemic. <i>International Journal of Cardiology</i> , 2021, , .	0.8	0
84	The classical 12-lead ECG: Much more to offer than just a diagnosis in STEMI?. <i>International Journal of Cardiology</i> , 2022, 349, 29-30.	0.8	0