

Lars Maier

List of Publications by Year in descending order

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Version: 2024-02-01

328
papers

20,534
citations

10986

71
h-index

12597

132
g-index

346
all docs

346
docs citations

346
times ranked

18792
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2022, 111, 186-196.	3.3	8
2	Diagnostic value of FDG PET/CT imaging in patients with surgically managed infective endocarditis: results of a retrospective analysis at a tertiary center. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1191-1204.	2.1	9
3	Cardiac iron overload promotes cardiac injury in patients with severe COVID-19. <i>Infection</i> , 2022, 50, 547-552.	4.7	12
4	Secondary prevention implantable cardioverter-defibrillator (ICD) therapy: value in octogenarians. <i>Ageing Clinical and Experimental Research</i> , 2022, 34, 1073-1080.	2.9	2
5	Telemedical cardiac risk assessment by implantable cardiac monitors in patients after myocardial infarction with autonomic dysfunction (SMART-MI-DZHK9): a prospective investigator-initiated, randomised, multicentre, open-label, diagnostic trial. <i>The Lancet Digital Health</i> , 2022, 4, e105-e116.	12.3	14
6	Disease Progression of Hypertrophic Cardiomyopathy: Modeling Using Machine Learning. <i>JMIR Medical Informatics</i> , 2022, 10, e30483.	2.6	5
7	Enhanced Cardiac CaMKII Oxidation and CaMKII-Dependent SR Ca Leak in Patients with Sleep-Disordered Breathing. <i>Antioxidants</i> , 2022, 11, 331.	5.1	1
8	Sleep-Disordered Breathing Is Associated With Reduced Left Atrial Strain Measured by Cardiac Magnetic Resonance Imaging in Patients After Acute Myocardial Infarction. <i>Frontiers in Medicine</i> , 2022, 9, 759361.	2.6	2
9	Gender Related Differences in the Clinical Presentation of Hypertrophic Cardiomyopathy – An Analysis from the SILICOFCM Database. <i>Medicina (Lithuania)</i> , 2022, 58, 314.	2.0	10
10	NAG: potential cardiorenal biomarker indicates the progression of chronic kidney disease in implantable cardioverter defibrillator patients, contrary to KIM-1. <i>Biomarkers in Medicine</i> , 2022, 16, 265-275.	1.4	0
11	Effects of Atrial Fibrillation on the Human Ventricle. <i>Circulation Research</i> , 2022, 130, 994-1010.	4.5	32
12	Results from the “Me & My Heart” (eMocial) Study: a Randomized Evaluation of a New Smartphone-Based Support Tool to Increase Therapy Adherence of Patients with Acute Coronary Syndrome. <i>Cardiovascular Drugs and Therapy</i> , 2022, , 1.	2.6	1
13	Obstructive sleep apnoea is associated with the development of diastolic dysfunction after myocardial infarction with preserved ejection fraction. <i>Sleep Medicine</i> , 2022, 94, 63-69.	1.6	5
14	Obstructive sleep apnoea but not central sleep apnoea is associated with left ventricular remodelling after acute myocardial infarction. <i>Clinical Research in Cardiology</i> , 2021, 110, 971-982.	3.3	14
15	Empagliflozin improves endothelial and cardiomyocyte function in human heart failure with preserved ejection fraction via reduced pro-inflammatory-oxidative pathways and protein kinase G β oxidation. <i>Cardiovascular Research</i> , 2021, 117, 495-507.	3.8	167
16	Long-term effects of a standardized feedback-driven quality improvement program for timely reperfusion therapy in regional STEMI care networks. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 397-405.	1.0	14
17	Decreased GLUT1/NHE1 RNA expression in whole blood predicts disease severity in patients with COVID-19. <i>ESC Heart Failure</i> , 2021, 8, 309-316.	3.1	11
18	Adaptive servo-ventilation in patients with chronic heart failure and sleep disordered breathing: predictors of usage. <i>Sleep and Breathing</i> , 2021, 25, 1135-1145.	1.7	1

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19	Central Sleep Apnea Predicts Pulmonary Complications After Cardiac Surgery. <i>Chest</i> , 2021, 159, 798-809.	0.8	8
20	Oxidized CaMKII and O-GlcNAcylation cause increased atrial fibrillation in diabetic mice by distinct mechanisms. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	40
21	Proteomic and functional mapping of cardiac NaV1.5 channel phosphorylation sites. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	10
22	Secondary hemophagocytic lymphohistiocytosis and severe liver injury induced by hepatic SARS-CoV-2 infection unmasking Wilson's disease: Balancing immunosuppression. <i>International Journal of Infectious Diseases</i> , 2021, 103, 624-627.	3.3	15
23	ECMO in COVID-19"prolonged therapy needed? A retrospective analysis of outcome and prognostic factors. <i>Perfusion (United Kingdom)</i> , 2021, 36, 582-591.	1.0	46
24	Novel Implantable Cardioverter Defibrillator Programming With High Rate Cut-Off, Long Detection Intervals and Multiple Anti-Tachycardia Pacing Reduces Mortality. <i>Circulation Journal</i> , 2021, 85, 291-299.	1.6	2
25	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021, 8, 1924-1932.	3.1	8
26	CaMKII β Met281/282 oxidation is not required for recovery of calcium transients during acidosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1199-H1212.	3.2	2
27	Urinary N-terminal pro-brain natriuretic peptide: prognostic value in patients with acute chest pain. <i>ESC Heart Failure</i> , 2021, 8, 2293-2305.	3.1	5
28	Argatroban versus heparin in patients without heparin-induced thrombocytopenia during venovenous extracorporeal membrane oxygenation: a propensity-score matched study. <i>Critical Care</i> , 2021, 25, 160.	5.8	44
29	Loss of CASK Accelerates Heart Failure Development. <i>Circulation Research</i> , 2021, 128, 1139-1155.	4.5	11
30	Extracorporeal life support in patients with acute myocardial infarction complicated by cardiogenic shock - Design and rationale of the ECLS-SHOCK trial. <i>American Heart Journal</i> , 2021, 234, 1-11.	2.7	88
31	The impact of epicardial adipose tissue in patients with acute myocardial infarction. <i>Clinical Research in Cardiology</i> , 2021, 110, 1637-1646.	3.3	8
32	Female Patients With Sleep-Disordered Breathing Display More Frequently Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Medicine</i> , 2021, 8, 675987.	2.6	6
33	Successful weight loss reduces endothelial activation in individuals with severe obesity participating in a multimodal weight loss program. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 249-255.	1.8	4
34	Transient hypoglycemia as a rare cause of recurring transient loss of consciousness: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 261.	0.8	2
35	Mapping genetic changes in the cAMP-signaling cascade in human atria. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 155, 10-20.	1.9	9
36	Beneficial effect of voluntary physical exercise in Plakophilin2 transgenic mice. <i>PLoS ONE</i> , 2021, 16, e0252649.	2.5	3

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37	Abnormal P-wave terminal force in lead V ₁ is a marker for atrial electrical dysfunction but not structural remodelling. ESC Heart Failure, 2021, 8, 4055-4066.	3.1	21
38	Echocardiographic Evaluation of LV Function in Patients with Tachyarrhythmia and Reduced Left Ventricular Function in Response to Rhythm Restoration. Journal of Clinical Medicine, 2021, 10, 3706.	2.4	2
39	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. Journal of the American Heart Association, 2021, 10, e014059.	3.7	18
40	Enhanced Heart Failure in Redox-Dead Cys17Ser PKAR1± Knock-in Mice. Journal of the American Heart Association, 2021, 10, e021985.	3.7	0
41	The low acute effectiveness of a high-power short duration radiofrequency current application technique in pulmonary vein isolation for atrial fibrillation. Cardiology Journal, 2021, 28, 663-670.	1.2	6
42	Phosphorylation of RyR2 Ser ²⁸¹⁴ by CaMKII mediates β_1 -adrenergic stress induced Ca ²⁺ leak from the sarcoplasmic reticulum. FEBS Open Bio, 2021, 11, 2756-2762.	2.3	7
43	N-acetyl- β -D-glucosaminidase is predictive of mortality in chronic heart failure: a 10-year follow-up. Biomarkers in Medicine, 2021, 15, 1143-1153.	1.4	3
44	Sleep-disordered breathing is independently associated with reduced atrial connexin 43 expression. Heart Rhythm, 2021, 18, 2187-2194.	0.7	8
45	Heart failure with recovered ejection fraction (HFrecEF): A new entity with improved cardiac outcome. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 2015-2023.	1.2	2
46	Cardiac Fibrosis Is a Risk Factor for Severe COVID-19. Frontiers in Immunology, 2021, 12, 740260.	4.8	14
47	Cardiac MRI Based Left Ventricular Global Function Index: Association with Disease Severity in Patients with ICD for Secondary Prevention. Journal of Clinical Medicine, 2021, 10, 4980.	2.4	3
48	Acquired von Willebrand syndrome and factor VIII in patients with moderate to severe mitral regurgitation undergoing transcatheter mitral valve repair. Clinical Cardiology, 2021, 44, 261-266.	1.8	2
49	The Effect of Gender and Sex Hormones on Cardiovascular Disease, Heart Failure, Diabetes, and Atrial Fibrillation in Sleep Apnea. Frontiers in Physiology, 2021, 12, 741896.	2.8	6
50	Distribution and specificity of high-sensitivity cardiac troponin T in older adults without acute cardiac conditions: cross-sectional results from the population-based AugUR study. BMJ Open, 2021, 11, e052004.	1.9	6
51	Detrimental proarrhythmic interaction of Ca ²⁺ /calmodulin-dependent protein kinase II and NaV1.8 in heart failure. Nature Communications, 2021, 12, 6586.	12.8	13
52	Central Sleep Apnea Is Associated with an Abnormal P-Wave Terminal Force in Lead V1 in Patients with Acute Myocardial Infarction Independent from Ventricular Function. Journal of Clinical Medicine, 2021, 10, 5555.	2.4	1
53	Effects of Visualization of Revascularization on Symptomatic Outcomes in Patients With Chronic Coronary Syndrome. JACC: Cardiovascular Interventions, 2021, 14, 2525-2527.	2.9	1
54	Evaluation of a multimarker panel in chronic heart failure: a 10-year follow-up. Biomarkers in Medicine, 2021, 15, 1709-1719.	1.4	1

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55	Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 52-61.	1.0	14
56	Prognostic significance of emergency department bypass in stable and unstable patients with ST-segment elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 34-44.	1.0	10
57	The German CPU registry: Comparison of smokers and nonsmokers. <i>Herz</i> , 2020, 45, 293-298.	1.1	3
58	N-acetylcysteine-glucosaminidase: A potential biomarker for early detection of acute kidney injury in acute chest pain. <i>Nephrology</i> , 2020, 25, 135-143.	1.6	11
59	Enhanced CaMKII-Dependent Late I _{CaT} Induces Atrial Proarrhythmic Activity in Patients With Sleep-Disordered Breathing. <i>Circulation Research</i> , 2020, 126, 603-615.	4.5	41
60	Ca ²⁺ /calmodulin-dependent protein kinase II is essential in hyperacute pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 212-221.	1.9	14
61	Protected complex percutaneous coronary intervention and transcatheter aortic valve replacement using extracorporeal membrane oxygenation in a high-risk frail patient: a case report. <i>Journal of Medical Case Reports</i> , 2020, 14, 163.	0.8	0
62	Long-term effects of empagliflozin on excitation-contraction-coupling in human induced pluripotent stem cell cardiomyocytes. <i>Journal of Molecular Medicine</i> , 2020, 98, 1689-1700.	3.9	10
63	Inhibition of cardiac potassium currents by oxidation-activated protein kinase A contributes to early afterdepolarizations in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1347-H1357.	3.2	11
64	Angiotensin-converting enzyme inhibitor/angiotensin II receptor blocker treatment and haemodynamic factors are associated with increased cardiac mRNA expression of angiotensin-converting enzyme 2 in patients with cardiovascular disease. <i>European Journal of Heart Failure</i> , 2020, 22, 2248-2257.	7.1	13
65	The oral Ca/calmodulin-dependent kinase II inhibitor RA608 improves contractile function and prevents arrhythmias in heart failure. <i>ESC Heart Failure</i> , 2020, 7, 2871-2883.	3.1	18
66	Disease Phenotypes and Mechanisms of iPSC-Derived Cardiomyocytes From Brugada Syndrome Patients With a Loss-of-Function SCN5A Mutation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592893.	3.7	22
67	Toward a Long-Term Artificial Lung. <i>ASAIO Journal</i> , 2020, 66, 847-854.	1.6	23
68	Effects of visualization of successful revascularization on chest pain and quality of life in chronic coronary syndrome: study protocol for the multi-center, randomized, controlled PLA-pCi-EBO-pilot-trial. <i>Trials</i> , 2020, 21, 838.	1.6	2
69	Empagliflozin inhibits Na ⁺ /H ⁺ exchanger activity in human atrial cardiomyocytes. <i>ESC Heart Failure</i> , 2020, 7, 4429-4437.	3.1	67
70	N-acetylcysteine-glucosaminidase: A potential cardiorenal biomarker with a relevant impact on ICD shock therapies and mortality. <i>Nephrology</i> , 2020, 25, 888-896.	1.6	2
71	Association of Culprit Lesion Location With Outcomes of Culprit-Lesion-Only vs Immediate Multivessel Percutaneous Coronary Intervention in Cardiogenic Shock. <i>JAMA Cardiology</i> , 2020, 5, 1329.	6.1	9
72	Effects of ON-Hours Versus OFF-Hours Admission on Outcome in Patients With Myocardial Infarction and Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009562.	3.9	5

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73	RNA-expression of adrenomedullin is increased in patients with severe COVID-19. <i>Critical Care</i> , 2020, 24, 527.	5.8	24
74	Genetic determinants of clinical phenotype in hypertrophic cardiomyopathy. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 516.	1.7	33
75	CaMKII activity contributes to homeometric autoregulation of the heart: A novel mechanism for the Anrep effect. <i>Journal of Physiology</i> , 2020, 598, 3129-3153.	2.9	23
76	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	2.2	49
77	Incidence of early intra-cranial bleeding and ischaemia in adult veno-arterial extracorporeal membrane oxygenation and extracorporeal cardiopulmonary resuscitation patients: a retrospective analysis of risk factors. <i>Perfusion (United Kingdom)</i> , 2020, 35, 8-17.	1.0	5
78	Predictors of functional improvement in the short term after MitraClip implantation in patients with secondary mitral regurgitation. <i>PLoS ONE</i> , 2020, 15, e0232817.	2.5	7
79	Alterations of the renin angiotensin system in human end-stage heart failure before and after mechanical cardiac unloading by LVAD support. <i>Molecular and Cellular Biochemistry</i> , 2020, 472, 79-94.	3.1	8
80	The role of diabetes in cardiomyopathies of different etiologiesâ€”Characteristics and 1-year follow-up results of the EVITA-HF registry. <i>PLoS ONE</i> , 2020, 15, e0234260.	2.5	2
81	Dysferlin links excitationâ€”contraction coupling to structure and maintenance of the cardiac transverseâ€”axial tubule system. <i>Europace</i> , 2020, 22, 1119-1131.	1.7	6
82	Reduced storeâ€”operated Ca ²⁺ entry impairs mesenteric artery function in response to high external glucose in type 2 diabetic ZDF rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 1145-1157.	1.9	4
83	Design of the SILICOFCM study: Effect of sacubitril/valsartan vs lifestyle intervention on functional capacity in patients with hypertrophic cardiomyopathy. <i>Clinical Cardiology</i> , 2020, 43, 430-440.	1.8	15
84	Dantrolene reduces CaMKII β -mediated atrial arrhythmias. <i>Europace</i> , 2020, 22, 1111-1118.	1.7	17
85	High Predictive Value of Adenosine Provocation in Predicting Atrial Fibrillation Recurrence After Pulmonary Vein Isolation With Visually Guided Laser Balloon Compared With Radiofrequency Ablation. <i>Circulation Journal</i> , 2020, 84, 404-410.	1.6	4
86	Inhibition of NaV1.8 prevents atrial arrhythmogenesis in human and mice. <i>Basic Research in Cardiology</i> , 2020, 115, 20.	5.9	28
87	CaMKII and GLUT1 in heart failure and the role of gliflozins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165729.	3.8	14
88	Outcomes Associated with Respiratory Failure for Patients with Cardiogenic Shock and Acute Myocardial Infarction: A Substudy of the CULPRIT-SHOCK Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 860.	2.4	8
89	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1869-1877.	2.8	42
90	Cooperation Between Hypoxia-Inducible Factor 1 α and Activating Transcription Factor 4 in Sleep Apneaâ€”Mediated Myocardial Injury. <i>Canadian Journal of Cardiology</i> , 2020, 36, 936-940.	1.7	20

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91	Contribution of the neuronal sodium channel NaV1.8 to sodium- and calcium-dependent cellular proarrhythmia. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 144, 35-46.	1.9	7
92	Percutaneous Coronary Intervention in Stable Coronary Heart Disease "Is Less More?". <i>Deutsches Arzteblatt International</i> , 2020, 117, 137-144.	0.9	14
93	A novel mouse model of obstructive sleep apnea by bulking agent-induced tongue enlargement results in left ventricular contractile dysfunction. <i>PLoS ONE</i> , 2020, 15, e0243844.	2.5	9
94	Resolution of ST-segment deviation after myocardial infarction in patients with and without sleep-disordered breathing. <i>Somnologie</i> , 2019, 23, 8-16.	1.5	6
95	Rationale and design of the CONSIDER AF study. <i>Somnologie</i> , 2019, 23, 17-28.	1.5	6
96	The role of the tubular biomarkers NAG, kidney injury molecule-1 and neutrophil gelatinase-associated lipocalin in patients with chest pain before contrast media exposition. <i>Biomarkers in Medicine</i> , 2019, 13, 379-392.	1.4	5
97	Radiotherapy of patients with cardiac implantable electronic devices according to the DEGRO/DGK guideline "is the risk of relevant errors overestimated?". <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 1086-1093.	2.0	6
98	Design and rationale for the "Me & My Heart" (eMocial) study: A randomized evaluation of a new smartphone-based support tool to increase therapy adherence of patients with acute coronary syndrome. <i>Clinical Cardiology</i> , 2019, 42, 1054-1062.	1.8	4
99	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , 2019, 21, 1469-1472.	7.1	20
100	Prediction of mortality benefit based on periodic repolarisation dynamics in patients undergoing prophylactic implantation of a defibrillator: a prospective, controlled, multicentre cohort study. <i>Lancet, The</i> , 2019, 394, 1344-1351.	18.7	49
101	Glucocorticoid stimulation increases cardiac contractility by SGK1-dependent SOCE-activation in rat cardiac myocytes. <i>PLoS ONE</i> , 2019, 14, e0222341.	2.5	12
102	Empagliflozin enhances human and murine cardiomyocyte glucose uptake by increased expression of GLUT1. <i>Diabetologia</i> , 2019, 62, 726-729.	6.3	16
103	Predictors of delirium after cardiac surgery in patients with sleep disordered breathing. <i>European Respiratory Journal</i> , 2019, 54, 1900354.	6.7	24
104	Antithrombotic Therapy after Acute Coronary Syndrome or PCI in Atrial Fibrillation. <i>New England Journal of Medicine</i> , 2019, 380, 1509-1524.	27.0	833
105	Rationale and design of the DIGIT-HF trial (DIGitoxin to Improve Outcomes in patients with advanced) <i>Heart Failure</i> , 2019, 21, 676-684.	7.1	51
106	Bail-Out Alcohol Septal Ablation for Hypertrophic Obstructive Cardiomyopathy in a Patient With Takotsubo Cardiomyopathy-Induced Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007425.	3.9	10
107	The adipokine activin A is associated with metabolic abnormalities and left ventricular diastolic dysfunction in obese patients. <i>ESC Heart Failure</i> , 2019, 6, 362-370.	3.1	16
108	Skeletal muscle alterations in tachycardia-induced heart failure are linked to deficient natriuretic peptide signalling and are attenuated by RAS-/NEP-inhibition. <i>PLoS ONE</i> , 2019, 14, e0225937.	2.5	3

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109	Mechanisms of cardiac ethanol toxicity and novel treatment options. , 2019, 197, 1-10.		24
110	Impact of Body Mass Index on Outcomes in the Edoxaban Versus Warfarin Therapy Groups in Patients Underwent Cardioversion of Atrial Fibrillation (from ENSURE-AF). American Journal of Cardiology, 2019, 123, 592-597.	1.6	10
111	Achieving Guideline-Directed Heart Rate Control Early Posthospitalization. American Journal of Cardiology, 2019, 123, 1096-1100.	1.6	2
112	The functional consequences of sodium channel Na ^v 1.8 in human left ventricular hypertrophy. ESC Heart Failure, 2019, 6, 154-163.	3.1	25
113	Impact of treatment delay on mortality in ST-segment elevation myocardial infarction (STEMI) patients presenting with and without haemodynamic instability: results from the German prospective, multicentre FITT-STEMI trial. European Heart Journal, 2018, 39, 1065-1074.	2.2	262
114	Long-term outcomes and predictors of recurrence after pulmonary vein isolation with multielectrode ablation catheter in patients with atrial fibrillation. Journal of Cardiovascular Medicine, 2018, 19, 148-154.	1.5	6
115	SR Ca ²⁺ -leak and disordered excitation-contraction coupling as the basis for arrhythmogenic and negative inotropic effects of acute ethanol exposure. Journal of Molecular and Cellular Cardiology, 2018, 116, 81-90.	1.9	25
116	Invasive treatment of NSTEMI patients in German Chest Pain Units – Evidence for a treatment paradox. International Journal of Cardiology, 2018, 255, 15-19.	1.7	17
117	Adaptive servo-ventilation and sleep quality in treatment emergent central sleep apnea and central sleep apnea in patients with heart disease and preserved ejection fraction. Clinical Research in Cardiology, 2018, 107, 421-429.	3.3	18
118	Sleep-disordered breathing is associated with disturbed cardiac repolarization in patients with a coronary artery bypass graft surgery. Sleep Medicine, 2018, 42, 13-20.	1.6	10
119	Improvement of cardiomyocyte function by a novel pyrimidine-based CaMKII-inhibitor. Journal of Molecular and Cellular Cardiology, 2018, 115, 73-81.	1.9	58
120	Nocturnal hypoxemic burden is associated with epicardial fat volume in patients with acute myocardial infarction. Sleep and Breathing, 2018, 22, 703-711.	1.7	30
121	Efficacy of Ranolazine in Patients With Symptomatic Hypertrophic Cardiomyopathy. Circulation: Heart Failure, 2018, 11, e004124.	3.9	103
122	The novel CaMKII inhibitor GS-680 reduces diastolic SR Ca leak and prevents CaMKII-dependent pro-arrhythmic activity. Journal of Molecular and Cellular Cardiology, 2018, 118, 159-168.	1.9	42
123	A Randomized Trial to compare the acute reconnection after pulmonary vein Isolation with Laser Balloon versus radiofrequency Ablation: RATISBONA trial. Journal of Cardiovascular Electrophysiology, 2018, 29, 733-739.	1.7	17
124	Cardiac unloading by LVAD support differentially influences components of the cGMP-PKG signaling pathway in ischemic and dilated cardiomyopathy. Heart and Vessels, 2018, 33, 948-957.	1.2	7
125	Identification of optimal reference genes for transcriptomic analyses in normal and diseased human heart. Cardiovascular Research, 2018, 114, 247-258.	3.8	46
126	Clinical Impact of the Microembolic Signal Burden During Catheter Ablation for Atrial Fibrillation: Just a Lot of Noise?. Journal of Ultrasound in Medicine, 2018, 37, 1091-1101.	1.7	7

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127	Heart failure with preserved ejection fraction: current management and future strategies. <i>Clinical Research in Cardiology</i> , 2018, 107, 1-19.	3.3	64
128	A proteolytic fragment of histone deacetylase 4 protects the heart from failure by regulating the hexosamine biosynthetic pathway. <i>Nature Medicine</i> , 2018, 24, 62-72.	30.7	88
129	Clinical care for patients with recurrent myocardial ischemia in Germany—the VOICES trial. <i>Journal of Thoracic Disease</i> , 2018, 10, S1777-S1784.	1.4	3
130	SCN10A-Dependent Late I Na Current. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002167.	3.6	3
131	Empagliflozin directly improves diastolic function in human heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1690-1700.	7.1	165
132	Insights into permanent pacemaker implantation following TAVR in a real-world cohort. <i>PLoS ONE</i> , 2018, 13, e0204503.	2.5	18
133	Activation of protein phosphatase 1 by a selective phosphatase disrupting peptide reduces sarcoplasmic reticulum Ca ²⁺ leak in human heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1673-1685.	7.1	30
134	Differential regulation of sodium channels as a novel proarrhythmic mechanism in the human failing heart. <i>Cardiovascular Research</i> , 2018, 114, 1728-1737.	3.8	36
135	The detrimental potential of arrhythmia-induced cardiomyopathy. <i>ESC Heart Failure</i> , 2018, 5, 960-964.	3.1	5
136	3D vena contracta area after MitraClip® procedure: precise quantification of residual mitral regurgitation and identification of prognostic information. <i>Cardiovascular Ultrasound</i> , 2018, 16, 1.	1.6	24
137	Empagliflozin reduces Ca/calmodulin-dependent kinase II activity in isolated ventricular cardiomyocytes. <i>ESC Heart Failure</i> , 2018, 5, 642-648.	3.1	131
138	One-Year Outcomes after PCI Strategies in Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2018, 379, 1699-1710.	27.0	303
139	Postoperative complications after elective coronary artery bypass grafting surgery in patients with sleep-disordered breathing. <i>Clinical Research in Cardiology</i> , 2018, 107, 1148-1159.	3.3	16
140	Dysferlin mediates membrane tubulation and links T-tubule biogenesis to muscular dystrophy. <i>Journal of Cell Science</i> , 2017, 130, 841-852.	2.0	34
141	Mejora en la estratificación del riesgo tras el implante percutáneo de válvula aórtica mediante una combinación de marcador tumoral CA125 y EuroSCORE logístico. <i>Revista Espanola De Cardiología</i> , 2017, 70, 186-193.	1.2	13
142	Characterization and referral patterns of ST-elevation myocardial infarction patients admitted to chest pain units rather than directly to catheterization laboratories. Data from the German Chest Pain Unit Registry. <i>International Journal of Cardiology</i> , 2017, 231, 31-35.	1.7	9
143	Hemopexin counteracts systolic dysfunction induced by heme-driven oxidative stress. <i>Free Radical Biology and Medicine</i> , 2017, 108, 452-464.	2.9	38
144	Calcium/Calmodulin-Dependent Protein Kinase II Activity Persists During Chronic β_2 -Adrenoceptor Blockade in Experimental and Human Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, e003840.	3.9	35

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145	Whom are we treating with adaptive servo-ventilation? A clinical post hoc analysis. <i>Clinical Research in Cardiology</i> , 2017, 106, 702-710.	3.3	23
146	Chronic loss of inhibitor-1 diminishes cardiac RyR2 phosphorylation despite exaggerated CaMKII activity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 857-862.	3.0	10
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