

Burkert Pieske

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

13,102
citations

53794

45
h-index

25787

108
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204
all docs

204
docs citations

204
times ranked

16438
citing authors

#	ARTICLE	IF	CITATIONS
1	The non-invasive assessment of myocardial work by pressure-strain analysis: clinical applications. <i>Heart Failure Reviews</i> , 2022, 27, 1261-1279.	3.9	21
2	Magnetic field-induced interactions between phones containing magnets and cardiovascular implantable electronic devices: Flip it to be safe?. <i>Heart Rhythm</i> , 2022, 19, 372-380.	0.7	10
3	Left atrial strain predicts exercise capacity in heart failure independently of left ventricular ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 842-852.	3.1	17
4	Effects of sacubitril/valsartan versus valsartan on renal function in patients with and without diabetes and heart failure with preserved ejection fraction: insights from <sc>PARAGONâ€HF</sc>. <i>European Journal of Heart Failure</i> , 2022, 24, 794-803.	7.1	15
5	Case Report: Residual Atrial Shunt Lesions in Aging Adults With Congenital Heart Disease: An Underestimated Risk of Stroke?. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 847244.	2.4	0
6	Synthetic Extracellular Volume in Cardiac Magnetic Resonance Without Blood Sampling: a Reliable Tool to Replace Conventional Extracellular Volume. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, 101161CIRCIMAGING121013745.	2.6	10
7	Long-term prognostic value of vasodilator stress cardiac magnetic resonance in patients with atrial fibrillation. <i>ESC Heart Failure</i> , 2022, 9, 110-121.	3.1	2
8	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Patients With Heart Failure: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 718114.	2.4	0
9	CMR findings after COVID-19 and after COVID-19-vaccinationâ€”same but different?. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2057-2071.	0.6	3
10	Impact of different training modalities on high-density lipoprotein function in HFpEF patients: a substudy of the OptimEx trial. <i>ESC Heart Failure</i> , 2022, 9, 3019-3030.	3.1	3
11	Peak $\dot{V}O_2$ pulse predicts exercise training-induced changes in peak $\dot{V}O_2$ in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 3393-3406.	3.1	3
12	Circulating uromodulin inhibits vascular calcification by interfering with pro-inflammatory cytokine signalling. <i>Cardiovascular Research</i> , 2021, 117, 930-941.	3.8	38
13	Low-voltage shock impedance measurements: A false sense of security. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 93-100.	1.2	0
14	Cellular contribution to left and right atrial dysfunction in chronic arterial hypertension in pigs. <i>ESC Heart Failure</i> , 2021, 8, 151-161.	3.1	6
15	Sacubitril/valsartan for the management of heart failure: A perspective viewpoint on current evidence. <i>International Journal of Cardiology</i> , 2021, 327, 138-145.	1.7	19
16	Diagnostic value of cardiovascular magnetic resonance in comparison to endomyocardial biopsy in cardiac amyloidosis: a multi-centre study. <i>Clinical Research in Cardiology</i> , 2021, 110, 555-568.	3.3	33
17	Left atrial function and maximal exercise capacity in heart failure with preserved and mid-range ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 116-128.	3.1	21
18	Review of safety reports of cardiac MR-imaging in patients with recently implanted coronary artery stents at various field strengths. <i>Expert Review of Medical Devices</i> , 2021, 18, 83-90.	2.8	1

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19	Head-to-head comparison of cardiovascular MR feature tracking cine versus acquisition-based deformation strain imaging using myocardial tagging and strain encoding. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 357-368.	3.0	26
20	Evaluation of Myocardial Strain Using Cardiac Magnetic Resonance in Patients with Wilson's Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 335.	2.4	3
21	Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 542.	7.4	144
22	Speckle Tracking Analysis Reveals Altered Left Atrial and Ventricular Myocardial Deformation in Patients with End-Stage Liver Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 897.	2.4	11
23	The diagnostic and prognostic value of galectin-3 in patients at risk for heart failure with preserved ejection fraction: results from the DIAST-CHF study. <i>ESC Heart Failure</i> , 2021, 8, 829-841.	3.1	24
24	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021, 135, 515-534.	4.3	9
25	Myocardial deformation assessed among heart failure entities by cardiovascular magnetic resonance imaging. <i>ESC Heart Failure</i> , 2021, 8, 890-897.	3.1	10
26	Assessment of 10-Year Left-Ventricular-Remodeling by CMR in Patients Following Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645693.	2.4	4
27	Left and right ventricular strain using fast strain-encoded cardiovascular magnetic resonance for the diagnostic classification of patients with chronic non-ischemic heart failure due to dilated, hypertrophic cardiomyopathy or cardiac amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 45.	3.3	18
28	Proteomic and Mechanistic Analysis of Spironolactone in Patients at Risk for HF. <i>JACC: Heart Failure</i> , 2021, 9, 268-277.	4.1	46
29	Performance of a cardiac lipid panel compared to four prognostic scores in chronic heart failure. <i>Scientific Reports</i> , 2021, 11, 8164.	3.3	4
30	Defining the optimal temporal and spatial resolution for cardiovascular magnetic resonance imaging feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 60.	3.3	21
31	Right-ventricular dysfunction in HFpEF is linked to altered cardiomyocyte Ca ²⁺ homeostasis and myofilament sensitivity. <i>ESC Heart Failure</i> , 2021, 8, 3130-3144.	3.1	12
32	Wearable cardioverter-defibrillator: friend or foe in suspected myocarditis?. <i>ESC Heart Failure</i> , 2021, 8, 2591-2596.	3.1	5
33	Cardiac arrhythmias in patients with COVID-19: Lessons from 2300 telemetric monitoring days on the intensive care unit. <i>Journal of Electrocardiology</i> , 2021, 66, 102-107.	0.9	12
34	Ubiquitin-proteasome system and enzymes of energy metabolism in skeletal muscle of patients with HFpEF and HFrEF. <i>ESC Heart Failure</i> , 2021, 8, 2556-2568.	3.1	15
35	History of acute coronary syndrome: a common, maybe underestimated, risk factor for heart failure with preserved ejection fraction. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 480-481.	0.6	0
36	Case Report: Assessing the Position of Pacemaker Leads via Transthoracic Echocardiography: Additional Value of the Subcostal En Face View. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 697052.	2.4	1

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37	In-hospital Heart Rate Reduction With Beta Blockers and Ivabradine Early After Recovery in Patients With Acute Decompensated Heart Failure Reduces Short-Term Mortality and Rehospitalization. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 665202.	2.4	5
38	Non-invasive CMR-Based Quantification of Myocardial Power and Efficiency Under Stress and Ischemic Conditions in Landrace Pigs. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 689255.	2.4	6
39	Increased β -adrenergic stimulation augments vascular smooth muscle cell calcification via PKA/CREB signalling. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1899-1910.	2.8	7
40	Lipid Metabolite Biomarkers in Cardiovascular Disease: Discovery and Biomechanism Translation from Human Studies. <i>Metabolites</i> , 2021, 11, 621.	2.9	26
41	miR-181c level predicts response to exercise training in patients with heart failure and preserved ejection fraction: an analysis of the OptimEx-Clin trial. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1722-1733.	1.8	14
42	Muscular changes in animal models of heart failure with preserved ejection fraction: what comes closest to the patient?. <i>ESC Heart Failure</i> , 2021, 8, 139-150.	3.1	17
43	Plasma Biomarker Profiling in Heart Failure Patients with Preserved Ejection Fraction before and after Spironolactone Treatment: Results from the Aldo-DHF Trial. <i>Cells</i> , 2021, 10, 2796.	4.1	3
44	Spatio-temporal regulation of calpain activity after experimental myocardial infarction in vivo. <i>Biochemistry and Biophysics Reports</i> , 2021, 28, 101162.	1.3	2
45	Late onset apical hypertrophic cardiomyopathy: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa493.	0.6	2
46	Zinc Ameliorates the Osteogenic Effects of High Glucose in Vascular Smooth Muscle Cells. <i>Cells</i> , 2021, 10, 3083.	4.1	11
47	Iron Deficiency Impacts Diastolic Function, Aerobic Exercise Capacity, and Patient Phenotyping in Heart Failure With Preserved Ejection Fraction: A Subanalysis of the OptimEx-Clin Study. <i>Frontiers in Physiology</i> , 2021, 12, 757268.	2.8	7
48	Right heart masses in a patient with endometrial stromal sarcoma. <i>Journal of Clinical Ultrasound</i> , 2020, 48, 117-120.	0.8	3
49	Long-term left atrial remodeling after ablation of persistent atrial fibrillation: 7-year follow-up by cardiovascular magnetic resonance imaging. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 21-27.	1.3	9
50	Validation of simple measures of aortic distensibility based on standard 4-chamber cine CMR: a new approach for clinical studies. <i>Clinical Research in Cardiology</i> , 2020, 109, 454-464.	3.3	4
51	Comparison of feature tracking, fastENC, and myocardial tagging for global and segmental left ventricular strain. <i>ESC Heart Failure</i> , 2020, 7, 523-532.	3.1	64
52	The infarction zone rather than the noninfarcted remodeling zone overexpresses angiotensin II receptor type 1 and is the main source of ventricular atrial natriuretic peptide. <i>Cardiovascular Pathology</i> , 2020, 44, 107160.	1.6	3
53	Role of SGK1 in the Osteogenic Transdifferentiation and Calcification of Vascular Smooth Muscle Cells Promoted by Hyperglycemic Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7207.	4.1	19
54	Isolated atrial amyloidosis suspected by electrophysiological voltage mapping and diagnosed by ^{99m} TcDPD scintigraphy. <i>ESC Heart Failure</i> , 2020, 7, 4305-4310.	3.1	4

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55	Cardiac Myxomas Show Elevated Native T1, T2 Relaxation Time and ECV on Parametric CMR. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 602137.	2.4	7
56	Left ventricular dysfunction in heart failure with preserved ejection fraction—molecular mechanisms and impact on right ventricular function. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1541-1560.	1.7	14
57	Clinical presentation, management, and 6-month outcomes in women with peripartum cardiomyopathy: an ESC EORP registry. <i>European Heart Journal</i> , 2020, 41, 3787-3797.	2.2	101
58	Incremental prognostic value of a novel metabolite-based biomarker score in congestive heart failure patients. <i>ESC Heart Failure</i> , 2020, 7, 3029-3039.	3.1	6
59	A Random Shuffle Method to Expand a Narrow Dataset and Overcome the Associated Challenges in a Clinical Study: A Heart Failure Cohort Example. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 599923.	2.4	4
60	Quantitative evaluation of different high-density 3D mapping modes for atrial and ventricular substrate assessment of cardiac arrhythmias with the HD grid catheter. <i>Journal of Electrocardiology</i> , 2020, 63, 110-114.	0.9	1
61	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020, 48, 619-626.	4.7	79
62	Conducting clinical trials in heart failure during (and after) the COVID-19 pandemic: an Expert Consensus Position Paper from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2020, 41, 2109-2117.	2.2	65
63	Evaluation of high-sensitivity C-reactive protein and uric acid in vericiguat-treated patients with heart failure with reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2020, 22, 1675-1683.	7.1	24
64	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020, 22, 391-412.	7.1	193
65	Variability of Myocardial Strain During Isometric Exercise in Subjects With and Without Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 111.	2.4	13
66	Multilayer myocardial strain improves the diagnosis of heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2020, 7, 3240-3245.	3.1	17
67	Effects of Elamipretide on Left Ventricular Function in Patients With Heart Failure With Reduced Ejection Fraction: The PROGRESS-HF Phase 2 Trial. <i>Journal of Cardiac Failure</i> , 2020, 26, 429-437.	1.7	46
68	The force stability of tissue contact and lesion size index during radiofrequency ablation: An <i>ex vivo</i> study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 327-331.	1.2	9
69	Economic impact of heart failure with preserved ejection fraction: insights from the ALDO-DHF trial. <i>ESC Heart Failure</i> , 2020, 7, 786-793.	3.1	6
70	Syncopes and clinical outcome in heart failure: results from prospective clinical study data in Germany. <i>ESC Heart Failure</i> , 2020, 7, 942-952.	3.1	4
71	Preventing SARS-CoV-2 In-Hospital Infections in Cardiovascular Patients and Medical Staff: An Observational Study From the German Heart Center Berlin. <i>Frontiers in Medicine</i> , 2020, 7, 616648.	2.6	1
72	Case Report: Early Transplant Rejection of a Methanol-Intoxicated Donor Heart in a Young Female Patient. A Diagnostic Approach With CMR, Cardiac Biopsy, and Genetic Risk Assessment. <i>Frontiers in Immunology</i> , 2020, 11, 575635.	4.8	0

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73	Periodontitis and cardiovascular diseases: Consensus report. <i>Journal of Clinical Periodontology</i> , 2020, 47, 268-288.	4.9	636
74	Z-score mapping for standardized analysis and reporting of cardiovascular magnetic resonance modified Look-Locker inversion recovery (MOLLI) T1 data: Normal behavior and validation in patients with amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 6.	3.3	16
75	Soluble pro renin receptor in elderly chronic heart failure patients. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1839-1853.	3.0	6
76	Outcome assessment using estimation of left ventricular filling pressure in asymptomatic patients at risk for heart failure with preserved ejection fraction. <i>IJC Heart and Vasculature</i> , 2020, 28, 100525.	1.1	3
77	Out-of-Hospital Care of Heart Failure Patients During and After COVID-19 Pandemic: Time for Telemedicine?. <i>Frontiers in Digital Health</i> , 2020, 2, 593885.	2.8	1
78	Mechanical Unloading by Fulminant Myocarditis: LV-IMPELLA, ECMELLA, BI-PELLA, and PROPELLA Concepts. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 116-123.	2.4	125
79	Inhibition of vascular smooth muscle cell calcification by vasorin through interference with TGF β 1 signaling. <i>Cellular Signalling</i> , 2019, 64, 109414.	3.6	12
80	CMR Tissue Characterization in Patients with HFmrEF. <i>Journal of Clinical Medicine</i> , 2019, 8, 1877.	2.4	26
81	Range Variability in CMR Feature Tracking Multilayer Strain across Different Stages of Heart Failure. <i>Scientific Reports</i> , 2019, 9, 16478.	3.3	20
82	Cardiac power output accurately reflects external cardiac work over a wide range of inotropic states in pigs. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 217.	1.7	11
83	Right Heart Remodeling in Patients with End-Stage Alcoholic Liver Cirrhosis: Speckle Tracking Point of View. <i>Journal of Clinical Medicine</i> , 2019, 8, 1285.	2.4	8
84	Effect of comprehensive initial training on the variability of left ventricular measures using fast-SENCE cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2019, 9, 12223.	3.3	11
85	How to diagnose heart failure with preserved ejection fraction: the HFA β PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2019, 40, 3297-3317.	2.2	944
86	Assessment of Global Longitudinal and Circumferential Strain Using Computed Tomography Feature Tracking: Intra-Individual Comparison with CMR Feature Tracking and Myocardial Tagging in Patients with Severe Aortic Stenosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1423.	2.4	17
87	Cardiovascular magnetic resonance imaging feature tracking: Impact of training on observer performance and reproducibility. <i>PLoS ONE</i> , 2019, 14, e0210127.	2.5	27
88	SGK1-dependent stimulation of vascular smooth muscle cell osteo-/chondrogenic transdifferentiation by interleukin-18. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 889-899.	2.8	15
89	Morbidity and mortality in patients with cardiovascular risk factors and obstructive sleep apnoea: results from the DIAST-CHF cohort. <i>Respiratory Medicine</i> , 2019, 154, 127-132.	2.9	17
90	Rationale and Design of the VITALITY-HFpEF Trial. <i>Circulation: Heart Failure</i> , 2019, 12, e005998.	3.9	33

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91	Mode-of-action of the PROPELLA concept in fulminant myocarditis. <i>European Heart Journal</i> , 2019, 40, 2164-2169.	2.2	49
92	Signaling pathways involved in vascular smooth muscle cell calcification during hyperphosphatemia. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2077-2091.	5.4	127
93	Strain-encoded cardiac magnetic resonance imaging: a new approach for fast estimation of left ventricular function. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 52.	1.7	24
94	Integration between volumetric change and strain for describing the global mechanical function of the left ventricle. <i>Medical Engineering and Physics</i> , 2019, 74, 65-72.	1.7	4
95	Left ventricular clefts “ incidental finding or pathologic sign of Wilson’s disease?. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 244.	2.7	4
96	Long-term effects of Na ⁺ /Ca ²⁺ exchanger inhibition with ORM-11035 improves cardiac function and remodelling without lowering blood pressure in a model of heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2019, 21, 1543-1552.	7.1	20
97	Diastolic stress test echocardiography in patients with suspected heart failure with preserved ejection fraction: a pilot study. <i>ESC Heart Failure</i> , 2019, 6, 146-153.	3.1	32
98	Treatments targeting inotropy. <i>European Heart Journal</i> , 2019, 40, 3626-3644.	2.2	123
99	Systems biology identifies cytosolic PLA2 as a target in vascular calcification treatment. <i>JCI Insight</i> , 2019, 4, .	5.0	25
100	Impact of C-reactive protein on osteo-/chondrogenic transdifferentiation and calcification of vascular smooth muscle cells. <i>Aging</i> , 2019, 11, 5445-5462.	3.1	33
101	Anti-szlig 1-Adrenoreceptor auto-Antibodies in elderly heart failure patients. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 1037-1049.	3.0	2
102	Prognostic performance of serial in-hospital measurements of copeptin and multiple novel biomarkers among patients with worsening heart failure: results from the <sc>MOLITOR</sc> study. <i>ESC Heart Failure</i> , 2018, 5, 288-296.	3.1	26
103	Fibulin-3 Attenuates Phosphate-Induced Vascular Smooth Muscle Cell Calcification by Inhibition of Oxidative Stress. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1305-1316.	1.6	43
104	Zinc Inhibits Phosphate-Induced Vascular Calcification through TNFAIP3-Mediated Suppression of NF- κ B. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1636-1648.	6.1	109
105	9-month results of polymer-free sirolimus eluting stents in young patients compared to a septuagenarian and octogenarian all-comer population. <i>Journal of Interventional Cardiology</i> , 2018, 31, 338-344.	1.2	2
106	CMR stress testing in a patient with morbid obesity (BMI 58 kg/m ²) and suspected coronary artery disease. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 47.	1.7	0
107	Biomarker-based phenotyping of myocardial fibrosis identifies patients with heart failure with preserved ejection fraction resistant to the beneficial effects of spironolactone: results from the Aldo-DHF trial. <i>European Journal of Heart Failure</i> , 2018, 20, 1290-1299.	7.1	64
108	Renal sympathetic denervation restores aortic distensibility in patients with resistant hypertension: data from a multi-center trial. <i>Clinical Research in Cardiology</i> , 2018, 107, 642-652.	3.3	17

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109	First-in-human: leadless Micra transcatheter pacing system meets the Nanostim leadless cardiac pacing system. <i>Europace</i> , 2018, 20, 391-391.	1.7	2
110	Right heart dysfunction and failure in heart failure with preserved ejection fraction: mechanisms and management. Position statement on behalf of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 16-37.	7.1	239
111	Investigating a biomarker-driven approach to target collagen turnover in diabetic heart failure with preserved ejection fraction patients. Effect of torasemide versus furosemide on serum C-terminal propeptide of procollagen type I (DROP-PIP trial). <i>European Journal of Heart Failure</i> , 2018, 20, 460-470.	7.1	29
112	Left Ventricular Strain in Chemotherapy-Naive and Radiotherapy-Naive Patients With Cancer. <i>Canadian Journal of Cardiology</i> , 2018, 34, 281-287.	1.7	28
113	Amount or intensity? Potential targets of exercise interventions in patients with heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2018, 5, 53-62.	3.1	19
114	An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 216-227.	7.1	81
115	Lower limit of normality and clinical relevance of left ventricular early diastolic strain rate for the detection of left ventricular diastolic dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 905-915.	1.2	22
116	Reproducibility study on myocardial strain assessment using fast-SENCE cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2018, 8, 14100.	3.3	60
117	IGFBP7 (Insulin-Like Growth Factor-Binding Protein-7) and Nephilysin Inhibition in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e005133.	3.9	40
118	Heterotrimeric G-protein subunit G α_{i2} contributes to agonist-sensitive apoptosis and degranulation in murine platelets. <i>Physiological Reports</i> , 2018, 6, e13841.	1.7	5
119	A Giant Hepatic Cyst: A Rare Cause of Syncope. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1234.e1-1234.e2.	1.7	1
120	Rationale and design of a multicentre, randomized, placebo-controlled trial of mirabegron, a β_3 -adrenergic receptor agonist on left ventricular mass and diastolic function in patients with structural heart disease β_3 -left ventricular hypertrophy (β_3 -LVH). <i>ESC Heart Failure</i> , 2018, 5, 830-841.	3.1	29
121	Role of Cytosolic Serine Hydroxymethyl Transferase 1 (SHMT1) in Phosphate-Induced Vascular Smooth Muscle Cell Calcification. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 1212-1221.	2.0	13
122	Therapeutic Interference With Vascular Calcification—Lessons From Klotho-Hypomorphic Mice and Beyond. <i>Frontiers in Endocrinology</i> , 2018, 9, 207.	3.5	27
123	Role of PKB/S6K-dependent phosphorylation of GSK-3 β in vascular calcification during cholecalciferol overload in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2068-2074.	2.1	14
124	Telbivudine in chronic lymphocytic myocarditis and human parvovirus B19 transcriptional activity. <i>ESC Heart Failure</i> , 2018, 5, 818-829.	3.1	36
125	Early detection of cardiac alterations by left atrial strain in patients with risk for cardiac abnormalities with preserved left ventricular systolic and diastolic function. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 701-711.	1.5	13
126	SGK1 induces vascular smooth muscle cell calcification through NF- κ B signaling. <i>Journal of Clinical Investigation</i> , 2018, 128, 3024-3040.	8.2	114

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127	Normal range and usefulness of right ventricular systolic strain to detect subtle right ventricular systolic abnormalities in patients with heart failure: a multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 212-223.	1.2	126
128	Clinical characteristics of patients from the worldwide registry on peripartum cardiomyopathy (<sc>PPCM</sc>). <i>European Journal of Heart Failure</i> , 2017, 19, 1131-1141.	7.1	163
129	PCSK9 regulates the chemokine receptor CCR2 on monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 312-318.	2.1	36
130	Arterial stiffness and elevated left ventricular filling pressure in patients at risk for the development or a previous diagnosis of HFÁA subgroup analysis from the DIAST-CHF study. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 303-313.	2.3	18
131	Performance of the New BioMonitor 2ÁAF Insertable Cardiac Monitoring System: Can Better be Worse?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 516-526.	1.2	27
132	Exercise training in Diastolic Heart Failure (ExÁDHF</sc>): rationale and design of a multicentre, prospective, randomized, controlled, parallel group trial. <i>European Journal of Heart Failure</i> , 2017, 19, 1067-1074.	7.1	37
133	Multimodality imaging approach in the diagnosis of chronic myocarditis with preserved left ventricular ejection fraction (MCpEF): The role of 2D speckle-tracking echocardiography. <i>International Journal of Cardiology</i> , 2017, 243, 374-378.	1.7	38
134	PatientÁreported outcomes in the <sc>SOLuble</sc> guanylate Cyclase <sc>stimulatoR</sc> in <sc>heArT failurE patientS</sc> with <sc>PRESERVED</sc> ejection fraction (<sc>SOCRATESÁPRESERVED</sc>) study. <i>European Journal of Heart Failure</i> , 2017, 19, 782-791.	7.1	84
135	Reliability of peripheral arterial tonometry in patients with heart failure, diabetic nephropathy and arterial hypertension. <i>Vascular Medicine</i> , 2017, 22, 292-300.	1.5	16
136	Cardiac device implantations in obese patients: Success rates and complications. <i>Clinical Cardiology</i> , 2017, 40, 230-234.	1.8	7
137	Vericiguat in patients with worsening chronic heart failure and preserved ejection fraction: results of the SOLuble guanylate Cyclase stimulatoR in heArT failurE patientS with PRESERVED EF (SOCRATES-PRESERVED) study. <i>European Heart Journal</i> , 2017, 38, 1119-1127.	2.2	285
138	Left ventricular longitudinal systolic function analysed by 2D speckle-tracking echocardiography in heart failure with preserved ejection fraction: a meta-analysis. <i>Open Heart</i> , 2017, 4, e000630.	2.3	72
139	Plasma parathyroid hormone and cardiovascular disease in treatmentÁnaive patients with primary hyperparathyroidism: The <sc>EPATH</sc> trial. <i>Journal of Clinical Hypertension</i> , 2017, 19, 1173-1180.	2.0	14
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