

A Mark Richards

List of Publications by Year in descending order

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98
papers

3,660
citations

147786

31
h-index

144002

57
g-index

100
all docs

100
docs citations

100
times ranked

5877
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac mesh morphing method for finite element modeling of heart failure with preserved ejection fraction. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 104937.	3.1	5
2	Variability of the Plasma Lipidome and Subclinical Coronary Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 100-112.	2.4	8
3	Loss of full-length pumilio 1 abrogates miRNA-221-induced gene p27 silencing-mediated cell proliferation in the heart. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 456-470.	5.1	3
4	Identifying Candidate Protein Markers of Acute Kidney Injury in Acute Decompensated Heart Failure. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1009.	4.1	0
5	A Systematic Review and Network Meta-Analysis of Pharmacological Treatment of Heart Failure With Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2022, 10, 73-84.	4.1	115
6	Finding a reliable assay for soluble neprilysin. <i>Clinical Biochemistry</i> , 2022, 104, 51-58.	1.9	1
7	Effect of monthly vitamin D supplementation on cardiac biomarkers: A post-hoc analysis of a randomized controlled trial. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 220, 106093.	2.5	1
8	Epicardial adipose tissue related to left atrial and ventricular function in heart failure with preserved versus reduced and mildly reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2022, 24, 1346-1356.	7.1	26
9	Circulating levels and prognostic cutoffs of sST2, hsTnT, and NT-proBNP in women vs. men with chronic heart failure. <i>ESC Heart Failure</i> , 2022, 9, 2084-2095.	3.1	15
10	Circulating cardiac biomarkers improve risk stratification for incident cardiovascular disease in community dwelling populations. <i>EBioMedicine</i> , 2022, 82, 104170.	6.1	7
11	Emerging microRNA biomarkers for acute kidney injury in acute decompensated heart failure. <i>Heart Failure Reviews</i> , 2021, 26, 1203-1217.	3.9	2
12	Natriuretic peptide analogues with distinct vasodilatory or renal activity: integrated effects in health and experimental heart failure. <i>Cardiovascular Research</i> , 2021, 117, 508-519.	3.8	6
13	What we know about cardiomyocyte dedifferentiation. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 152, 80-91.	1.9	28
14	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. <i>European Heart Journal</i> , 2021, 42, 1742-1756.	2.2	63
15	Electroanatomic Ratios and Mortality in Patients With Heart Failure: Insights from the ASIAN-HF Registry. <i>Journal of the American Heart Association</i> , 2021, 10, e017932.	3.7	3
16	Epitope-directed monoclonal antibody production using a mixed antigen cocktail facilitates antibody characterization and validation. <i>Communications Biology</i> , 2021, 4, 441.	4.4	9
17	Socioeconomic Status and Outcomes in Heart Failure With Reduced Ejection Fraction From Asia. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e006962.	2.2	13
18	Aging-induced isoDGR-modified fibronectin activates monocytic and endothelial cells to promote atherosclerosis. <i>Atherosclerosis</i> , 2021, 324, 58-68.	0.8	10

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19	The Multi-Ethnic New Zealand Study of Acute Coronary Syndromes (MENZACS): Design and Methodology. <i>Neurology International</i> , 2021, 11, 84-97.	0.5	3
20	Remote Postdischarge Treatment of Patients With Acute Myocardial Infarction by Allied Health Care Practitioners vs Standard Care. <i>JAMA Cardiology</i> , 2021, 6, 830.	6.1	11
21	Vascular endothelial growth factor-A promoter polymorphisms, circulating VEGF-A and survival in acute coronary syndromes. <i>PLoS ONE</i> , 2021, 16, e0254206.	2.5	7
22	Blood-Based Cardiac Biomarkers and the Risk of Cognitive Decline, Cerebrovascular Disease, and Clinical Events. <i>Stroke</i> , 2021, 52, 2275-2283.	2.0	15
23	Acute Decompensated Heart Failure and the Kidney: Physiological, Histological and Transcriptomic Responses to Development and Recovery. <i>Journal of the American Heart Association</i> , 2021, 10, e021312.	3.7	8
24	Readmissions, Death and Its Associated Predictors in Heart Failure With Preserved Versus Reduced Ejection Fraction. <i>Journal of the American Heart Association</i> , 2021, 10, e021414.	3.7	6
25	Regional Variation of Mortality in Heart Failure With Reduced and Preserved Ejection Fraction Across Asia: Outcomes in the ASIANâ€CHF Registry. <i>Journal of the American Heart Association</i> , 2020, 9, e012199.	3.7	55
26	A porcine model of heart failure with preserved ejection fraction: magnetic resonance imaging and metabolic energetics. <i>ESC Heart Failure</i> , 2020, 7, 93-103.	3.1	29
27	The Interaction between 30b-5p miRNA and MBNL1 mRNA is Involved in Vascular Smooth Muscle Cell Differentiation in Patients with Coronary Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 11.	4.1	31
28	Large Animal Models of Heart Failure: Reduced vs. Preserved Ejection Fraction. <i>Animals</i> , 2020, 10, 1906.	2.3	11
29	Prioritizing Candidates of Postâ€Myocardial Infarction Heart Failure Using Plasma Proteomics and Single-Cell Transcriptomics. <i>Circulation</i> , 2020, 142, 1408-1421.	1.6	50
30	Heart failure with preserved ejection fraction diagnostic scores in an Asian population. <i>European Journal of Heart Failure</i> , 2020, 22, 1737-1739.	7.1	14
31	Development and validation of a cardiovascular risk score for patients in the community after acute coronary syndrome. <i>Heart</i> , 2020, 106, 506-511.	2.9	7
32	Hydrogen Sulfide Treatment Improves Post-Infarct Remodeling and Long-Term Cardiac Function in CSE Knockout and Wild-Type Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4284.	4.1	21
33	ProBNP processing is decreased by obesity in patients with heart failure. <i>Annals of Translational Medicine</i> , 2020, 8, 135-135.	1.7	4
34	Early kinetic profiles of troponin I and T measured by high-sensitivity assays in patients with myocardial infarction. <i>Clinica Chimica Acta</i> , 2020, 505, 15-25.	1.1	28
35	Heart failure with preserved ejection fraction in Asia. <i>European Journal of Heart Failure</i> , 2019, 21, 23-36.	7.1	102
36	Hemodynamic, Hormonal, and Renal Actions of Phosphodiesterase-9 Inhibition in Experimental Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 74, 889-901.	2.8	23

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37	Are Some Patients With Acute Heart Failure ANP-Deficient?. JACC: Heart Failure, 2019, 7, 899-901.	4.1	2
38	Degenerative protein modifications in the aging vasculature and central nervous system: A problem shared is not always halved. Ageing Research Reviews, 2019, 53, 100909.	10.9	22
39	ProBNP That Is Not Glycosylated at Threonine 71 Is Decreased with Obesity in Patients with Heart Failure. Clinical Chemistry, 2019, 65, 1115-1124.	3.2	29
40	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
41	Adrenomedullin 2 increases cardiac sympathetic nerve activity in parallel to heart rate in normal conscious sheep. Physiological Reports, 2019, 7, e14096.	1.7	1
42	Combining High-Sensitivity Cardiac Troponin I and Cardiac Troponin T in the Early Diagnosis of Acute Myocardial Infarction. Circulation, 2018, 138, 989-999.	1.6	56
43	Distinctive molecular signature and activated signaling pathways in aortic smooth muscle cells of patients with myocardial infarction. Atherosclerosis, 2018, 271, 237-244.	0.8	29
44	Mortality associated with heart failure with preserved vs. reduced ejection fraction in a prospective international multi-ethnic cohort study. European Heart Journal, 2018, 39, 1770-1780.	2.2	194
45	Daily home BNP monitoring in heart failure for prediction of impending clinical deterioration: results from the HOME HF study. European Journal of Heart Failure, 2018, 20, 474-480.	7.1	19
46	Monoclonal Antibodies against Specific p53 Hotspot Mutants as Potential Tools for Precision Medicine. Cell Reports, 2018, 22, 299-312.	6.4	34
47	ICare-ACS (Improving Care Processes for Patients With Suspected Acute Coronary Syndrome). Circulation, 2018, 137, 354-363.	1.6	32
48	Systemic angiotensin II does not increase cardiac sympathetic nerve activity in normal conscious sheep. Bioscience Reports, 2018, 38, .	2.4	1
49	Gene expression profile analysis of aortic vascular smooth muscle cells reveals upregulation of cadherin genes in myocardial infarction patients. Physiological Genomics, 2018, 50, 648-657.	2.3	18
50	Variability in Microplate Surface Properties and Its Impact on ELISA. journal of applied laboratory medicine, The, 2018, 2, 687-699.	1.3	10
51	Plasma levels of soluble VEGF receptor isoforms, circulating pterins and VEGF system SNPs as prognostic biomarkers in patients with acute coronary syndromes. BMC Cardiovascular Disorders, 2018, 18, 169.	1.7	12
52	Development of a BNP1-32 Immunoassay That Does Not Cross-React with proBNP. Clinical Chemistry, 2017, 63, 1110-1117.	3.2	19
53	Rapid Rule-out of Acute Myocardial Infarction With a Single High-Sensitivity Cardiac Troponin T Measurement Below the Limit of Detection. Annals of Internal Medicine, 2017, 166, 715.	3.9	231
54	C-Type Natriuretic Peptides in Coronary Disease. Clinical Chemistry, 2017, 63, 316-324.	3.2	25

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55	Disparity Between Indications for and Utilization of Implantable Cardioverter Defibrillators in Asian Patients With Heart Failure. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	2.2	38
56	Mortality and acute exacerbation of COPD: a pilot study on the influence of myocardial injury. <i>European Respiratory Journal</i> , 2017, 49, 1700096.	6.7	7
57	Release kinetics of high-sensitivity cardiac troponins I and T and troponin T upstream open reading frame peptide (TnTuORF) in clinically induced acute myocardial infarction. <i>Biomarkers</i> , 2017, 22, 304-310.	1.9	10
58	Effectiveness of advanced practice nurse-led telehealth on readmissions and health-related outcomes among patients with post-acute myocardial infarction: <sc>ALTRA</sc> Study Protocol. <i>Journal of Advanced Nursing</i> , 2016, 72, 1357-1367.	3.3	13
59	Ethnic differences in the association of QRS duration with ejection fraction and outcome in heart failure. <i>Heart</i> , 2016, 102, 1464-1471.	2.9	15
60	Up-regulation of miRNA-221 inhibits hypoxia/reoxygenation-induced autophagy through the DDIT4/mTORC1 and Tp53inp1/p62 pathways. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 168-174.	2.1	64
61	High-Sensitivity Sandwich ELISA for Plasma NT-proUcn2: Plasma Concentrations and Relationship to Mortality in Heart Failure. <i>Clinical Chemistry</i> , 2016, 62, 856-865.	3.2	19
62	A Test in Context: Neprilysin. <i>Journal of the American College of Cardiology</i> , 2016, 68, 639-653.	2.8	197
63	Regional and ethnic differences among patients with heart failure in Asia: the Asian sudden cardiac death in heart failure registry. <i>European Heart Journal</i> , 2016, 37, 3141-3153.	2.2	144
64	B-type natriuretic peptide signal peptide (BNPsp) in patients presenting with chest pain. <i>Clinical Biochemistry</i> , 2016, 49, 645-650.	1.9	6
65	Discovery of Potential Therapeutic miRNA Targets in Cardiac Ischemia-“Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 296-309.	2.0	39
66	(Pro)renin Receptor Blockade Ameliorates Cardiac Injury and Remodeling and Improves Function After Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2016, 22, 64-72.	1.7	18
67	Which heart failure patients profit from natriuretic peptide guided therapy? A meta-analysis from individual patient data of randomized trials. <i>European Journal of Heart Failure</i> , 2015, 17, 1252-1261.	7.1	95
68	Is heart rate a risk marker in patients with chronic heart failure and concomitant atrial fibrillation? Results from the <sc>MAGGIC</sc> meta-analysis. <i>European Journal of Heart Failure</i> , 2015, 17, 1182-1191.	7.1	48
69	Human muscle sympathetic nerve responses to urocortin-2 in health and stable heart failure. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 888-895.	1.9	4
70	CNP Signal Peptide in Patients with Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 28.	2.4	9
71	Differing prognostic value of pulse pressure in patients with heart failure with reduced or preserved ejection fraction: results from the MAGGIC individual patient meta-analysis. <i>European Heart Journal</i> , 2015, 36, 1106-1114.	2.2	53
72	B-type Natriuretic Peptide circulating forms: Analytical and bioactivity issues. <i>Clinica Chimica Acta</i> , 2015, 448, 195-205.	1.1	37

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73	Plasma mid-regional pro-atrial natriuretic peptide and N-terminal pro-brain natriuretic peptide improve discrimination of lone atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 188, 10-12.	1.7	5
74	Reference Values and Release Kinetics of B-Type Natriuretic Peptide Signal Peptide in Patients with Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2015, 61, 1532-1539.	3.2	7
75	Quantification of a Cardiac Biomarker in Human Serum Using Extraordinary Optical Transmission (EOT). <i>PLoS ONE</i> , 2015, 10, e0120974.	2.5	12
76	Circadian Dependence of Infarct Size and Acute Heart Failure in ST Elevation Myocardial Infarction. <i>PLoS ONE</i> , 2015, 10, e0128526.	2.5	34
77	Betaine and Trimethylamine-N-Oxide as Predictors of Cardiovascular Outcomes Show Different Patterns in Diabetes Mellitus: An Observational Study. <i>PLoS ONE</i> , 2014, 9, e114969.	2.5	184
78	Effect of B-type natriuretic peptide-guided treatment of chronic heart failure on total mortality and hospitalization: an individual patient meta-analysis. <i>European Heart Journal</i> , 2014, 35, 1559-1567.	2.2	229
79	Comparison of new point-of-care troponin assay with high sensitivity troponin in diagnosing myocardial infarction. <i>International Journal of Cardiology</i> , 2014, 177, 182-186.	1.7	30
80	Prognostic implication of obstructive sleep apnea diagnosed by post-discharge sleep study in patients presenting with acute coronary syndrome. <i>Sleep Medicine</i> , 2014, 15, 631-636.	1.6	39
81	Circulating miR-323-3p and miR-652: Candidate markers for the presence and progression of acute coronary syndromes. <i>International Journal of Cardiology</i> , 2014, 176, 375-385.	1.7	40
82	A His6-SUMO-eXact tag for producing human prepro-Urocortin 2 in <i>Escherichia coli</i> for raising monoclonal antibodies. <i>Journal of Immunological Methods</i> , 2014, 403, 37-51.	1.4	11
83	Natriuretic Peptides in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2014, 10, 453-470.	2.1	27
84	OSA and Coronary Plaque Characteristics. <i>Chest</i> , 2014, 145, 322-330.	0.8	57
85	Genetic Polymorphism rs6922269 in the MTHFD1L Gene Is Associated with Survival and Baseline Active Vitamin B12 Levels in Post-Acute Coronary Syndromes Patients. <i>PLoS ONE</i> , 2014, 9, e89029.	2.5	12
86	Asian Sudden Cardiac Death in Heart Failure (ASIAN-HF) registry. <i>European Journal of Heart Failure</i> , 2013, 15, 928-936.	7.1	78
87	Use of Natriuretic Peptides to Guide and Monitor Heart Failure Therapy. <i>Clinical Chemistry</i> , 2012, 58, 62-71.	3.2	36
88	Association between endothelin type A receptor haplotypes and mortality in coronary heart disease. <i>Personalized Medicine</i> , 2012, 9, 341-349.	1.5	2
89	Genomic Risk Variants at 1p13.3, 1q41, and 3q22.3 Are Associated With Subsequent Cardiovascular Outcomes in Healthy Controls and in Established Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 636-646.	5.1	35
90	Tailored therapy for heart failure: neurohormones. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 603-607.	1.4	2

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91	A Common Variant at Chromosome 9P21.3 Is Associated With Age of Onset of Coronary Disease but Not Subsequent Mortality. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 286-293.	5.1	44
92	Comparative evaluation of different in vitro systems that stimulate germ cell differentiation in human embryonic stem cells. <i>Fertility and Sterility</i> , 2010, 93, 986-994.	1.0	36
93	Does NT-proBNP testing reduce costs and improve accuracy in the diagnosis of heart failure?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, 652-653.	3.3	0
94	Urocortin 1 administration from onset of rapid left ventricular pacing represses progression to overt heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1536-H1544.	3.2	27
95	Propagation of Human Embryonic Stem Cells on Human Feeder Cells. , 2006, 331, 23-42.		13
96	Commentary. <i>Evidence-based Cardiovascular Medicine</i> , 2005, 9, 324-325.	0.0	0
97	The Transcriptome Profile of Human Embryonic Stem Cells as Defined by SAGE. <i>Stem Cells</i> , 2004, 22, 51-64.	3.2	387
98	Outpatient management of heart failure. <i>Heart Failure Reviews</i> , 2003, 8, 345-348.	3.9	5