

A Mark Richards

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,660
citations

182225

30
h-index

162838

57
g-index

100
all docs

100
docs citations

100
times ranked

6380
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.	1.5	5
2	Variability of the Plasma Lipidome and Subclinical Coronary Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 100-112.	1.1	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.	2.3	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.	1.8	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.	1.9	115
6	Finding a reliable assay for soluble neprilysin. <i>Clinical Biochemistry</i> , 2022, 104, 51-58.	0.8	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.	1.2	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.	2.9	26
9	Circulating levels and prognostic cutoffs of sST2, hs-cTnT, and NT-proBNP in women vs. men with chronic heart failure. <i>ESC Heart Failure</i> , 2022, 9, 2084-2095.	1.4	15
10	Circulating cardiac biomarkers improve risk stratification for incident cardiovascular disease in community dwelling populations. <i>EBioMedicine</i> , 2022, 82, 104170.	2.7	7
11	Emerging microRNA biomarkers for acute kidney injury in acute decompensated heart failure. <i>Heart Failure Reviews</i> , 2021, 26, 1203-1217.	1.7	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.	1.8	6
13	What we know about cardiomyocyte dedifferentiation. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 152, 80-91.	0.9	28
14	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. <i>European Heart Journal</i> , 2021, 42, 1742-1756.	1.0	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.	1.6	3
16	Epitope-directed monoclonal antibody production using a mixed antigen cocktail facilitates antibody characterization and validation. <i>Communications Biology</i> , 2021, 4, 441.	2.0	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.	0.9	13
18	Aging-induced isoDGR-modified fibronectin activates monocytic and endothelial cells to promote atherosclerosis. <i>Atherosclerosis</i> , 2021, 324, 58-68.	0.4	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.	0.2	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.	3.0	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.	1.1	7
22	Blood-Based Cardiac Biomarkers and the Risk of Cognitive Decline, Cerebrovascular Disease, and Clinical Events. <i>Stroke</i> , 2021, 52, 2275-2283.	1.0	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.	1.6	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.	1.6	6
25	Regional Variation of Mortality in Heart Failure With Reduced and Preserved Ejection Fraction Across Asia: Outcomes in the ASIAN-HF Registry. <i>Journal of the American Heart Association</i> , 2020, 9, e012199.	1.6	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.	1.4	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.	1.8	31
28	Large Animal Models of Heart Failure: Reduced vs. Preserved Ejection Fraction. <i>Animals</i> , 2020, 10, 1906.	1.0	11
29	Prioritizing Candidates of Post-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.	2.9	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.	1.2	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.	1.8	21
33	ProBNP processing is decreased by obesity in patients with heart failure. <i>Annals of Translational Medicine</i> , 2020, 8, 135-135.	0.7	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.	0.5	28
35	Heart failure with preserved ejection fraction in Asia. <i>European Journal of Heart Failure</i> , 2019, 21, 23-36.	2.9	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.	1.2	23

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37	Are Some Patients With Acute Heart Failure ANP-Deficient?. <i>JACC: Heart Failure</i> , 2019, 7, 899-901.	1.9	2
38	Degenerative protein modifications in the aging vasculature and central nervous system: A problem shared is not always halved. <i>Ageing Research Reviews</i> , 2019, 53, 100909.	5.0	22
39	ProBNP That Is Not Glycosylated at Threonine 71 Is Decreased with Obesity in Patients with Heart Failure. <i>Clinical Chemistry</i> , 2019, 65, 1115-1124.	1.5	29
40	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002470.	1.6	17
41	Adrenomedullin 2 increases cardiac sympathetic nerve activity in parallel to heart rate in normal conscious sheep. <i>Physiological Reports</i> , 2019, 7, e14096.	0.7	1
42	Combining High-Sensitivity Cardiac Troponin I and Cardiac Troponin T in the Early Diagnosis of Acute Myocardial Infarction. <i>Circulation</i> , 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. <i>Atherosclerosis</i> , 2018, 271, 237-244.	0.4	29
44	Mortality associated with heart failure with preserved vs. reduced ejection fraction in a prospective international multi-ethnic cohort study. <i>European Heart Journal</i> , 2018, 39, 1770-1780.	1.0	194
45	Daily home BNP monitoring in heart failure for prediction of impending clinical deterioration: results from the HOME HF study. <i>European Journal of Heart Failure</i> , 2018, 20, 474-480.	2.9	19
46	Monoclonal Antibodies against Specific p53 Hotspot Mutants as Potential Tools for Precision Medicine. <i>Cell Reports</i> , 2018, 22, 299-312.	2.9	34
47	ICare-ACS (Improving Care Processes for Patients With Suspected Acute Coronary Syndrome). <i>Circulation</i> , 2018, 137, 354-363.	1.6	32
48	Systemic angiotensin II does not increase cardiac sympathetic nerve activity in normal conscious sheep. <i>Bioscience Reports</i> , 2018, 38, .	1.1	1
49	Gene expression profile analysis of aortic vascular smooth muscle cells reveals upregulation of cadherin genes in myocardial infarction patients. <i>Physiological Genomics</i> , 2018, 50, 648-657.	1.0	18
50	Variability in Microplate Surface Properties and Its Impact on ELISA. <i>Journal of Applied Laboratory Medicine</i> , 2018, 2, 687-699.	0.6	10
51	Plasma levels of soluble VEGF receptor isoforms, circulating pterins and VEGF system SNPs as prognostic biomarkers in patients with acute coronary syndromes. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 169.	0.7	12
52	Development of a BNP1-32 Immunoassay That Does Not Cross-React with proBNP. <i>Clinical Chemistry</i> , 2017, 63, 1110-1117.	1.5	19
53	Rapid Rule-out of Acute Myocardial Infarction With a Single High-Sensitivity Cardiac Troponin T Measurement Below the Limit of Detection. <i>Annals of Internal Medicine</i> , 2017, 166, 715.	2.0	231
54	C-Type Natriuretic Peptides in Coronary Disease. <i>Clinical Chemistry</i> , 2017, 63, 316-324.	1.5	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, .	0.9	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.	3.1	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.	0.9	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.	1.5	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.	1.2	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.	1.0	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.	1.5	19
62	A Test in Context: Neprilysin. <i>Journal of the American College of Cardiology</i> , 2016, 68, 639-653.	1.2	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.	1.0	144
64	B-type natriuretic peptide signal peptide (BNPsp) in patients presenting with chest pain. <i>Clinical Biochemistry</i> , 2016, 49, 645-650.	0.8	6
65	Discovery of Potential Therapeutic miRNA Targets in Cardiac Ischemia-Induced Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 296-309.	1.0	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.	0.7	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.	2.9	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.	2.9	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.	0.9	4
70	CNP Signal Peptide in Patients with Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 28.	1.1	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.	1.0	53
72	B-type Natriuretic Peptide circulating forms: Analytical and bioactivity issues. <i>Clinica Chimica Acta</i> , 2015, 448, 195-205.	0.5	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.	0.8	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.	1.5	7
75	Quantification of a Cardiac Biomarker in Human Serum Using Extraordinary Optical Transmission (EOT). <i>PLoS ONE</i> , 2015, 10, e0120974.	1.1	12
76	Circadian Dependence of Infarct Size and Acute Heart Failure in ST Elevation Myocardial Infarction. <i>PLoS ONE</i> , 2015, 10, e0128526.	1.1	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.	1.1	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.	1.0	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.	0.8	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.	0.8	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.	0.8	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.	0.6	11
83	Natriuretic Peptides in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2014, 10, 453-470.	1.0	27
84	OSA and Coronary Plaque Characteristics. <i>Chest</i> , 2014, 145, 322-330.	0.4	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.	1.1	12
86	Asian Sudden Cardiac Death in Heart Failure (ASIAN-HF) registry. <i>European Journal of Heart Failure</i> , 2013, 15, 928-936.	2.9	78
87	Use of Natriuretic Peptides to Guide and Monitor Heart Failure Therapy. <i>Clinical Chemistry</i> , 2012, 58, 62-71.	1.5	36
88	Association between endothelin type A receptor haplotypes and mortality in coronary heart disease. <i>Personalized Medicine</i> , 2012, 9, 341-349.	0.8	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.	0.7	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.	0.5	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.	1.5	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.	1.4	387
98	Outpatient management of heart failure. <i>Heart Failure Reviews</i> , 2003, 8, 345-348.	1.7	5