

# Kenneth B Margulies

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6268410/kenneth-b-margulies-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

5,399  
citations

38  
h-index

71  
g-index

139  
ext. papers

7,607  
ext. citations

10.7  
avg, IF

5.63  
L-index

#	Paper	IF	Citations
131	Effects of Liraglutide on Clinical Stability Among Patients With Advanced Heart Failure and Reduced Ejection Fraction: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 500-8	27.4	327
130	Evidence for Intramyocardial Disruption of Lipid Metabolism and Increased Myocardial Ketone Utilization in Advanced Human Heart Failure. <i>Circulation</i> , <b>2016</b> , 133, 706-16	16.7	281
129	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , <b>2018</b> , 50, 1225-1233	36.3	277
128	Phosphodiesterase 9A controls nitric-oxide-independent cGMP and hypertrophic heart disease. <i>Nature</i> , <b>2015</b> , 519, 472-6	50.4	208
127	Effect of inorganic nitrate on exercise capacity in heart failure with preserved ejection fraction. <i>Circulation</i> , <b>2015</b> , 131, 371-80; discussion 380	16.7	203
126	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , <b>2014</b> , 46, 826-36	36.3	199
125	Targeting cardiac fibrosis with engineered T cells. <i>Nature</i> , <b>2019</b> , 573, 430-433	50.4	185
124	Detyrosinated microtubules buckle and bear load in contracting cardiomyocytes. <i>Science</i> , <b>2016</b> , 352, aaf0659	33.3	172
123	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , <b>2020</b> , 11, 163	17.4	140
122	Mixed messages: transcription patterns in failing and recovering human myocardium. <i>Circulation Research</i> , <b>2005</b> , 96, 592-9	15.7	132
121	RNA-Seq identifies novel myocardial gene expression signatures of heart failure. <i>Genomics</i> , <b>2015</b> , 105, 83-9	4.3	129
120	Effect of Inorganic Nitrite vs Placebo on Exercise Capacity Among Patients With Heart Failure With Preserved Ejection Fraction: The INDIE-HFpEF Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 1764-1773	27.4	128
119	Transcriptional and Cellular Diversity of the Human Heart. <i>Circulation</i> , <b>2020</b> , 142, 466-482	16.7	124
118	Patients with end-stage congestive heart failure treated with beta-adrenergic receptor antagonists have improved ventricular myocyte calcium regulatory protein abundance. <i>Circulation</i> , <b>2001</b> , 104, 1012-8	16.7	118
117	Efficacy and Safety of Spironolactone in Acute Heart Failure: The ATHENA-HF Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 950-958	16.2	114
116	Electrophysiological alterations after mechanical circulatory support in patients with advanced cardiac failure. <i>Circulation</i> , <b>2001</b> , 104, 1241-7	16.7	114
115	Suppression of detyrosinated microtubules improves cardiomyocyte function in human heart failure. <i>Nature Medicine</i> , <b>2018</b> , 24, 1225-1233	50.5	106

114	GLP-1 Receptor Expression Within the Human Heart. <i>Endocrinology</i> , <b>2018</b> , 159, 1570-1584	4.8	100
113	Detailed Echocardiographic Phenotyping in Breast Cancer Patients: Associations With Ejection Fraction Decline, Recovery, and Heart Failure Symptoms Over 3 Years of Follow-Up. <i>Circulation</i> , <b>2017</b> , 135, 1397-1412	16.7	95
112	Mitochondrial protein hyperacetylation in the failing heart. <i>JCI Insight</i> , <b>2016</b> , 2,	9.9	87
111	Clinical Phenogroups in Heart Failure With Preserved Ejection Fraction: Detailed Phenotypes, Prognosis, and Response to Spironolactone. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 172-184	7.9	86
110	3158 Sunitinib-Induced Cardiotoxicity in an Engineered Cardiac Microtissue Model. <i>Journal of Clinical and Translational Science</i> , <b>2019</b> , 3, 114-115	0.4	78
109	3299 Dynamic Afterload Cardiac Microtissue Model To Examine Molecular Pathways of Heart Failure. <i>Journal of Clinical and Translational Science</i> , <b>2019</b> , 3, 9-9	0.4	78
108	Differential regulation of mitogen-activated protein kinases in the failing human heart in response to mechanical unloading. <i>Circulation</i> , <b>2001</b> , 104, 2273-6	16.7	78
107	Right Ventricular Myofilament Functional Differences in Humans With Systemic Sclerosis-Associated Versus Idiopathic Pulmonary Arterial Hypertension. <i>Circulation</i> , <b>2018</b> , 137, 2360-2370	16.7	65
106	Intracellular Na <sup>+</sup> Concentration ([Na <sup>+</sup> ] <sub>i</sub> ) Is Elevated in Diabetic Hearts Due to Enhanced Na <sup>+</sup> -Glucose Cotransport. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e002183	6	65
105	A deep-learning classifier identifies patients with clinical heart failure using whole-slide images of H&E tissue. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192726	3.7	63
104	Mitochondrial calcium exchange links metabolism with the epigenome to control cellular differentiation. <i>Nature Communications</i> , <b>2019</b> , 10, 4509	17.4	49
103	Effects of sildenafil on ventricular and vascular function in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 533-41	7.6	49
102	Multiple Plasma Biomarkers for Risk Stratification in Patients With Heart Failure and Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1281-1295	15.1	49
101	Myocyte-Specific Upregulation of in Cardiovascular Disease: Implications for SARS-CoV-2-Mediated Myocarditis. <i>Circulation</i> , <b>2020</b> , 142, 708-710	16.7	47
100	Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. <i>Circulation</i> , <b>2019</b> , 140, 42-54	16.7	46
99	Sirtuin 1 regulates cardiac electrical activity by deacetylating the cardiac sodium channel. <i>Nature Medicine</i> , <b>2017</b> , 23, 361-367	50.5	44
98	Implications of Altered Ketone Metabolism and Therapeutic Ketosis in Heart Failure. <i>Circulation</i> , <b>2020</b> , 141, 1800-1812	16.7	44
97	Pharmacokinetics and Pharmacodynamics of Inorganic Nitrate in Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , <b>2017</b> , 120, 1151-1161	15.7	43

96	Gene expression and genetic variation in human atria. <i>Heart Rhythm</i> , <b>2014</b> , 11, 266-71	6.7	42
95	Reversal mechanisms of left ventricular remodeling: lessons from left ventricular assist device experiments. <i>Journal of Cardiac Failure</i> , <b>2002</b> , 8, S500-5	3.3	42
94	A bioengineered hydrogel system enables targeted and sustained intramyocardial delivery of neuregulin, activating the cardiomyocyte cell cycle and enhancing ventricular function in a murine model of ischemic cardiomyopathy. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 619-26	7.6	40
93	Myocardial Gene Expression Signatures in Human Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , <b>2021</b> , 143, 120-134	16.7	38
92	Transcription Factor 7-like 2 Mediates Canonical Wnt/ $\beta$ Catenin Signaling and c-Myc Upregulation in Heart Failure. <i>Circulation: Heart Failure</i> , <b>2016</b> , 9,	7.6	37
91	Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in endothelial cells accelerates coronary artery disease in a mouse model of familial hypercholesterolemia. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186427	3.7	35
90	Intensification of Medication Therapy for Cardiorenal Syndrome in Acute Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , <b>2016</b> , 22, 26-32	3.3	34
89	Low ejection fraction in donor hearts is not directly associated with increased recipient mortality. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 611-615	5.8	34
88	Genomics, transcriptional profiling, and heart failure. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 53, 1752-9	15.1	34
87	Prospective Multicenter Study of Myocardial Recovery Using Left Ventricular Assist Devices (RESTAGE-HF [Remission from Stage D Heart Failure]): Medium-Term and Primary End Point Results. <i>Circulation</i> , <b>2020</b> , 142, 2016-2028	16.7	34
86	GLP-1 agonist therapy for advanced heart failure with reduced ejection fraction: design and rationale for the functional impact of GLP-1 for heart failure treatment study. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 673-9	7.6	33
85	CaMKII Phosphorylation of Na(V)1.5: Novel in Vitro Sites Identified by Mass Spectrometry and Reduced S516 Phosphorylation in Human Heart Failure. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 2298-311	5.6	32
84	In vivo label-free structural and biochemical imaging of coronary arteries using an integrated ultrasound and multispectral fluorescence lifetime catheter system. <i>Scientific Reports</i> , <b>2017</b> , 7, 8960	4.9	30
83	Cardioprotection by controlling hyperamylinemia in a "humanized" diabetic rat model. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3,	6	29
82	Sodium/calcium exchange contributes to contraction and relaxation in failed human ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 277, H714-24	5.2	29
81	C-type natriuretic peptide co-ordinates cardiac structure and function. <i>European Heart Journal</i> , <b>2020</b> , 41, 1006-1020	9.5	29
80	Increased Afterload Augments Sunitinib-Induced Cardiotoxicity in an Engineered Cardiac Microtissue Model. <i>JACC Basic To Translational Science</i> , <b>2018</b> , 3, 265-276	8.7	29
79	Effects of organic and inorganic nitrate on aortic and carotid haemodynamics in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 1507-1515	12.3	28

78	Ventilatory inefficiency reflects right ventricular dysfunction in systolic heart failure. <i>Chest</i> , <b>2011</b> , 139, 617-625	5.3	28
77	Right ventricular response to pulsatile load is associated with early right heart failure and mortality after left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 97-105	5.8	27
76	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006034	6	26
75	Long-range enhancer-promoter interactions prevent predisposition to atrial fibrillation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 22692-22698	11.5	25
74	Targeting Calpain for Heart Failure Therapy: Implications From Multiple Murine Models. <i>JACC Basic To Translational Science</i> , <b>2018</b> , 3, 503-517	8.7	25
73	Microtubules Increase Diastolic Stiffness in Failing Human Cardiomyocytes and Myocardium. <i>Circulation</i> , <b>2020</b> , 141, 902-915	16.7	23
72	Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 938-954.e9	18	23
71	Predicting Long Term Outcome in Patients Treated With Continuous Flow Left Ventricular Assist Device: The Penn-Columbia Risk Score. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	21
70	Race, Natriuretic Peptides, and High-Carbohydrate Challenge: A Clinical Trial. <i>Circulation Research</i> , <b>2019</b> , 125, 957-968	15.7	21
69	Bayesian integration of genetics and epigenetics detects causal regulatory SNPs underlying expression variability. <i>Nature Communications</i> , <b>2015</b> , 6, 8555	17.4	20
68	Microtubules Provide a Viscoelastic Resistance to Myocyte Motion. <i>Biophysical Journal</i> , <b>2018</b> , 115, 1796-1807	18.0	20
67	Reduced Apolipoprotein M and Adverse Outcomes Across the Spectrum of Human Heart Failure. <i>Circulation</i> , <b>2020</b> , 141, 1463-1476	16.7	17
66	Liraglutide and weight loss among patients with advanced heart failure and a reduced ejection fraction: insights from the FIGHT trial. <i>ESC Heart Failure</i> , <b>2018</b> , 5, 1035-1043	3.7	16
65	Depletion of Vasohibin 1 Speeds Contraction and Relaxation in Failing Human Cardiomyocytes. <i>Circulation Research</i> , <b>2020</b> , 127, e14-e27	15.7	16
64	Comparing Raman and fluorescence lifetime spectroscopy from human atherosclerotic lesions using a bimodal probe. <i>Journal of Biophotonics</i> , <b>2016</b> , 9, 958-66	3.1	15
63	Hyperamylinemia Increases IL-1 $\beta$ Synthesis in the Heart via Peroxidative Sarcolemmal Injury. <i>Diabetes</i> , <b>2016</b> , 65, 2772-83	0.9	14
62	Common Coding Variants in Are Associated With the Nav1.8 Late Current and Cardiac Conduction. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001663	5.2	14
61	Advanced Morphologic Analysis for Diagnosing Allograft Rejection: The Case of Cardiac Transplant Rejection. <i>Transplantation</i> , <b>2018</b> , 102, 1230-1239	1.8	13

60	An automated computational image analysis pipeline for histological grading of cardiac allograft rejection. <i>European Heart Journal</i> , <b>2021</b> , 42, 2356-2369	9.5	13
59	Development of dilated cardiomyopathy and impaired calcium homeostasis with cardiac-specific deletion of ESRR $\alpha$ . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 312, H662-H671	5.2	12
58	Peripheral Determinants of Oxygen Utilization in Heart Failure With Preserved Ejection Fraction: Central Role of Adiposity. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 211-225	8.7	12
57	Pathologic gene network rewiring implicates PPP1R3A as a central regulator in pressure overload heart failure. <i>Nature Communications</i> , <b>2019</b> , 10, 2760	17.4	11
56	Genetic and Phenotypic Landscape of Peripartum Cardiomyopathy. <i>Circulation</i> , <b>2021</b> , 143, 1852-1862	16.7	11
55	Effect of Heart Failure With Preserved Ejection Fraction on Nitric Oxide Metabolites. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1855-1860	3	11
54	Deep Learning Tissue Segmentation in Cardiac Histopathology Images <b>2017</b> , 179-195		10
53	Targeting MRTF/SRF in CAP2-dependent dilated cardiomyopathy delays disease onset. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	10
52	Characteristics and Outcomes of COVID-19 in Patients on Left Ventricular Assist Device Support. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e007957	7.6	10
51	MetaDiff: differential isoform expression analysis using random-effects meta-regression. <i>BMC Bioinformatics</i> , <b>2015</b> , 16, 208	3.6	9
50	In Situ Immune Profiling of Heart Transplant Biopsies Improves Diagnostic Accuracy and Rejection Risk Stratification. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 328-340	8.7	9
49	Comparison of Causes of Death After Heart Transplantation in Patients With Left Ventricular Ejection Fractions $\leq 5\%$ Versus $>35\%$ . <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 1322-6	3	9
48	Epigenomes of Human Hearts Reveal New Genetic Variants Relevant for Cardiac Disease and Phenotype. <i>Circulation Research</i> , <b>2020</b> , 127, 761-777	15.7	8
47	Myocyte Specific Upregulation of ACE2 in Cardiovascular Disease: Implications for SARS-CoV-2 mediated myocarditis <b>2020</b> ,		8
46	Epigenetic Analyses of Human Left Atrial Tissue Identifies Gene Networks Underlying Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e003085	5.2	7
45	Effect of Treatment With Sacubitril/Valsartan in Patients With Advanced Heart Failure and Reduced Ejection Fraction: A Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2021</b> ,	16.2	7
44	S-Nitrosylation of Histone Deacetylase 2 by Neuronal Nitric Oxide Synthase as a Mechanism of Diastolic Dysfunction. <i>Circulation</i> , <b>2021</b> , 143, 1912-1925	16.7	7
43	Cardiomyocyte d-dopachrome tautomerase protects against heart failure. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	7

42	Coronavirus disease 2019 in heart transplant recipients: Risk factors, immunosuppression, and outcomes. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> , 40, 926-935	5.8	7
41	Effects of Liraglutide on Worsening Renal Function Among Patients With Heart Failure With Reduced Ejection Fraction: Insights From the FIGHT Trial. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006758	7.6	6
40	Prognostic Implications of Changes in Albumin Following Left Ventricular Assist Device Implantation in Patients With Severe Heart Failure. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 2003-2007	7	6
39	Genome-Wide Fetalization of Enhancer Architecture in Heart Disease		6
38	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 2698-2712	3.7	6
37	Sparse simultaneous signal detection for identifying genetically controlled disease genes. <i>Journal of the American Statistical Association</i> , <b>2017</b> , 112, 1032-1046	2.8	5
36	Acute aerobic exercise increases exogenously infused bone marrow cell retention in the heart. <i>Physiological Reports</i> , <b>2015</b> , 3, e12566	2.6	5
35	Identifying biomarker patterns and predictors of inflammation and myocardial stress. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 439-45	3.3	5
34	Lack of Benefit for Liraglutide in Heart Failure-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 2429-2430	27.4	5
33	The effect of transfusion of blood products on ventricular assist device support outcomes. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 3573-3581	3.7	4
32	Genetic Reduction in Left Ventricular Protein Kinase C- $\beta$ and Adverse Ventricular Remodeling in Human Subjects. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001901	5.2	4
31	Acute Echocardiographic Effects of Exogenous Ketone Administration in Healthy Participants. <i>Journal of the American Society of Echocardiography</i> , <b>2021</b> ,	5.8	4
30	Transcriptional and Cellular Diversity of the Human Heart		4
29	Cardiac retinoic acid levels decline in heart failure. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	4
28	Chronobiology of Natriuretic Peptides and Blood Pressure in Lean and Obese Individuals. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 2291-2303	15.1	4
27	Truncated titin proteins in dilated cardiomyopathy. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabd7287	17.5	3
26	Debulking SARS-CoV-2 in saliva using angiotensin converting enzyme 2 in chewing gum to decrease oral virus transmission and infection. <i>Molecular Therapy</i> , <b>2021</b> ,	11.7	3
25	Label-Free Visualization and Quantification of Biochemical Markers of Atherosclerotic Plaque Progression Using Intravascular Fluorescence Lifetime. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1832-1842	8.4	3

24	Investigating Origins of FLIm Contrast in Atherosclerotic Lesions Using Combined FLIm-Raman Spectroscopy. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 122	5.4	3
23	Repurposing an anti-cancer agent for the treatment of hypertrophic heart disease. <i>Journal of Pathology</i> , <b>2019</b> , 249, 523-535	9.4	2
22	Cardioprotective Effects of MTSS1 Enhancer Variants. <i>Circulation</i> , <b>2019</b> , 139, 2073-2076	16.7	2
21	Comparison of Exogenous Ketone Administration versus Dietary Carbohydrate Restriction on Myocardial Glucose Suppression: A Crossover Clinical Trial. <i>Journal of Nuclear Medicine</i> , <b>2021</b> ,	8.9	2
20	Association of Premature Immune Aging and Cytomegalovirus After Solid Organ Transplant. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 661551	8.4	2
19	Growth differentiation factor-15, treatment with liraglutide, and clinical outcomes among patients with heart failure. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 2608-2616	3.7	2
18	Whole-Transcriptome Profiling of Human Heart Tissues Reveals the Potential Novel Players and Regulatory Networks in Different Cardiomyopathy Subtypes of Heart Failure. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003142	5.2	2
17	Evolution of Cytomegalovirus-Responsive T Cell Clonality following Solid Organ Transplantation. <i>Journal of Immunology</i> , <b>2021</b> , 207, 2077-2085	5.3	2
16	Functional Consequences of Memory Inflation after Solid Organ Transplantation. <i>Journal of Immunology</i> , <b>2021</b> , 207, 2086-2095	5.3	2
15	TRAF2, an Innate Immune Sensor, Reciprocally Regulates Mitophagy and Inflammation to Maintain Cardiac Myocyte Homeostasis.. <i>JACC Basic To Translational Science</i> , <b>2022</b> , 7, 223-243	8.7	2
14	Noncanonical WNT Activation in Human Right Ventricular Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 582407	5.4	1
13	Emerging Tools for Computer-Aided Diagnosis and Prognostication. <i>Journal of Clinical Trials</i> , <b>2014</b> , 4, e117	1	1
12	Assigning Distal Genomic Enhancers to Cardiac Disease-Causing Genes. <i>Circulation</i> , <b>2020</b> , 142, 910-912	16.7	1
11	Circadian Pattern of Ion Channel Gene Expression in Failing Human Hearts. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , 14, e009254	6.4	1
10	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	1
9	Pulmonary artery pulsatility index predicts right ventricular myofilament dysfunction in advanced human heart failure. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 339-341	12.3	1
8	Transcriptional, Post-Transcriptional, and Post-Translational Mechanisms Rewrite the Tubulin Code During Cardiac Hypertrophy and Failure.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 837486	5.7	1
7	Computational Analysis of Routine Biopsies Improves Diagnosis and Prediction of Cardiac Allograft Vasculopathy.. <i>Circulation</i> , <b>2022</b> ,	16.7	1



6	Defects in the Proteome and Metabolome in Human Hypertrophic Cardiomyopathy.. <i>Circulation: Heart Failure</i> , <b>2022</b> , CIRCHEARTFAILURE121009521	7.6	1
5	Glutaminolysis is Essential for Myofibroblast Persistence and In Vivo Targeting Reverses Fibrosis and Cardiac Dysfunction in Heart Failure. <i>Circulation</i> , <b>2022</b> , 145, 1625-1628	16.7	1
4	How to Apply Translational Models to Probe Mechanisms of Cardiotoxicity.. <i>JACC: CardioOncology</i> , <b>2022</b> , 4, 130-135	3.8	0
3	Contractile protein abnormalities in failing hearts. <i>Journal of Nuclear Cardiology</i> , <b>2002</b> , 9, 413-8	2.1	
2	Sex-based differences in cardiac contractility are evident during stress. <i>FASEB Journal</i> , <b>2006</b> , 20, A1448	0.9	
1	CAP2 loss activated MRTF/SRF signaling through actin dynamics in cardiomyocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, OR15-5		0