

Carsten TschÄpfe

List of Publications by Year in descending order

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344
papers

29,914
citations

6592

79
h-index

6113

159
g-index

360
all docs

360
docs citations

360
times ranked

26102
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Paradigm for Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 263-271.	1.2	2,555
2	How to diagnose diastolic heart failure: a consensus statement on the diagnosis of heart failure with normal left ventricular ejection fraction by the Heart Failure and Echocardiography Associations of the European Society of Cardiology. <i>European Heart Journal</i> , 2007, 28, 2539-2550.	1.0	2,302
3	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. <i>New England Journal of Medicine</i> , 2015, 373, 929-938.	13.9	1,827
4	How to diagnose heart failure with preserved ejection fraction: the HFAâ€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.	1.0	944
5	Utility of Doppler Echocardiography and Tissue Doppler Imaging in the Estimation of Diastolic Function in Heart Failure With Normal Ejection Fraction. <i>Circulation</i> , 2007, 116, 637-647.	1.6	917
6	Effect of Spironolactone on Diastolic Function and Exercise Capacity in Patients With Heart Failure With Preserved Ejection Fraction. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 781.	3.8	604
7	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. <i>Nature Reviews Cardiology</i> , 2021, 18, 169-193.	6.1	589
8	Cardiac Inflammation Contributes to Changes in the Extracellular Matrix in Patients With Heart Failure and Normal Ejection Fraction. <i>Circulation: Heart Failure</i> , 2011, 4, 44-52.	1.6	493
9	Muscle wasting in patients with chronic heart failure: results from the studies investigating co-morbidities aggravating heart failure (SICA-HF). <i>European Heart Journal</i> , 2013, 34, 512-519.	1.0	472
10	Type 2 diabetes mellitus and heart failure: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 853-872.	2.9	434
11	Crosstalk between fibroblasts and inflammatory cells. <i>Cardiovascular Research</i> , 2014, 102, 258-269.	1.8	419
12	Role of Left Ventricular Stiffness in Heart Failure With Normal Ejection Fraction. <i>Circulation</i> , 2008, 117, 2051-2060.	1.6	403
13	Myocardial Microvascular Inflammatory Endothelial Activation in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016, 4, 312-324.	1.9	390
14	Management of Acute Myocarditis and Chronic Inflammatory Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2020, 13, e007405.	1.6	353
15	Inflammation â€ Cause or Consequence of Heart Failure or Both?. <i>Current Heart Failure Reports</i> , 2017, 14, 251-265.	1.3	324
16	New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes. <i>European Heart Journal</i> , 2014, 35, 2797-2815.	1.0	304
17	Inflammation as a therapeutic target in heart failure? A scientific statement from the Translational Research Committee of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2009, 11, 119-129.	2.9	281
18	Diastolic Tissue Doppler Indexes Correlate With the Degree of Collagen Expression and Cross-Linking in Heart Failure and Normal Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2011, 57, 977-985.	1.2	273

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19	The role of NT-proBNP in the diagnostics of isolated diastolic dysfunction: correlation with echocardiographic and invasive measurements. <i>European Heart Journal</i> , 2005, 26, 2277-2284.	1.0	258
20	Angiotensin II Type 2 Receptor Stimulation. <i>Circulation</i> , 2008, 118, 2523-2532.	1.6	250
21	Contributions of Inflammation and Cardiac Matrix Metalloproteinase Activity to Cardiac Failure in Diabetic Cardiomyopathy: The Role of Angiotensin Type 1 Receptor Antagonism. <i>Diabetes</i> , 2007, 56, 641-646.	0.3	244
22	Myocardial Titin Hypophosphorylation Importantly Contributes to Heart Failure With Preserved Ejection Fraction in a Rat Metabolic Risk Model. <i>Circulation: Heart Failure</i> , 2013, 6, 1239-1249.	1.6	241
23	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.	2.9	239
24	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 72, 874-882.	1.2	224
25	Heart failure in cardiomyopathies: a position paper from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019, 21, 553-576.	2.9	224
26	Complication Rate of Right Ventricular Endomyocardial Biopsy via the Femoral Approach. <i>Circulation</i> , 2008, 118, 1722-1728.	1.6	223
27	Potential Usefulness and Clinical Relevance of Adding Left Atrial Strain to Left Atrial Volume Index in the Detection of Left Ventricular Diastolic Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1405-1415.	2.3	215
28	Long-Term Cardiac-Targeted RNA Interference for the Treatment of Heart Failure Restores Cardiac Function and Reduces Pathological Hypertrophy. <i>Circulation</i> , 2009, 119, 1241-1252.	1.6	200
29	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.	2.9	193
30	Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment. <i>Nature Communications</i> , 2016, 7, 13710.	5.8	190
31	Protective Role of Angiotensin-1 in Endotoxic Shock. <i>Circulation</i> , 2005, 111, 97-105.	1.6	189
32	SARS-CoV-2 infects and induces cytotoxic effects in human cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 2207-2215.	1.8	189
33	Towards better definition, quantification and treatment of fibrosis in heart failure. A scientific roadmap by the Committee of Translational Research of the Heart Failure Association (HFA) of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019, 21, 272-285.	2.9	182
34	Tumor necrosis factor-alpha antagonism protects from myocardial inflammation and fibrosis in experimental diabetic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2007, 102, 500-507.	2.5	180
35	Management of Myocarditis-Related Cardiomyopathy in Adults. <i>Circulation Research</i> , 2019, 124, 1568-1583.	2.0	179
36	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.	1.8	167

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37	Reduced MMP-2 activity contributes to cardiac fibrosis in experimental diabetic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2008, 103, 319-327.	2.5	165
38	Pretreatment with Statin Attenuates the Cardiotoxicity of Doxorubicin in Mice. <i>Cancer Research</i> , 2009, 69, 695-699.	0.4	165
39	Empagliflozin directly improves diastolic function in human heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1690-1700.	2.9	165
40	Impact of Dopamine Infusion on Renal Function in Hospitalized Heart Failure Patients: Results of the Dopamine in Acute Decompensated Heart Failure (DAD-HF) Trial. <i>Journal of Cardiac Failure</i> , 2010, 16, 922-930.	0.7	153
41	Galectin-3 in patients with heart failure with preserved ejection fraction: results from the Aldo-DHF trial. <i>European Journal of Heart Failure</i> , 2015, 17, 214-223.	2.9	146
42	Toll-like receptor-4 deficiency attenuates doxorubicin-induced cardiomyopathy in mice. <i>European Journal of Heart Failure</i> , 2008, 10, 233-243.	2.9	136
43	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , 2016, 37, 2823-2829.	1.0	136
44	Cardiac fibroblasts support cardiac inflammation in heart failure. <i>Basic Research in Cardiology</i> , 2014, 109, 428.	2.5	128
45	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.	0.5	126
46	Mechanical Unloading by Fulminant Myocarditis: LV-IMPELLA, ECMELLA, BI-PELLA, and PROPELLA Concepts. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 116-123.	1.1	125
47	Cardioprotective and Anti-Inflammatory Effects of Interleukin Converting Enzyme Inhibition in Experimental Diabetic Cardiomyopathy. <i>Diabetes</i> , 2007, 56, 1834-1841.	0.3	121
48	Role of Gender in Heart Failure with Normal Left Ventricular Ejection Fraction. <i>Progress in Cardiovascular Diseases</i> , 2007, 49, 241-251.	1.6	121
49	Quantification of Circulating Endothelial Progenitor Cells Using the Modified ISHAGE Protocol. <i>PLoS ONE</i> , 2010, 5, e13790.	1.1	120
50	The role of placental-derived adherent stromal cell (PLX-PAD) in the treatment of critical limb ischemia. <i>Cytotherapy</i> , 2009, 11, 427-434.	0.3	116
51	Transgenic activation of the kallikrein-kinin system inhibits intramyocardial inflammation, endothelial dysfunction, and oxidative stress in experimental diabetic cardiomyopathy. <i>FASEB Journal</i> , 2005, 19, 2057-2059.	0.2	114
52	Osteopontin-mediated myocardial fibrosis in heart failure: a role for lysyl oxidase?. <i>Cardiovascular Research</i> , 2013, 99, 111-120.	1.8	113
53	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. <i>FASEB Journal</i> , 2000, 14, 1858-1860.	0.2	112
54	Toll-Like Receptor-4 Modulates Survival by Induction of Left Ventricular Remodeling after Myocardial Infarction in Mice. <i>Journal of Immunology</i> , 2008, 180, 6954-6961.	0.4	112

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55	Doppler Echocardiography Yields Dubious Estimates of Left Ventricular Diastolic Pressures. <i>Circulation</i> , 2009, 120, 810-820.	1.6	111
56	Transcatheter Implantation of the MONARC Coronary Sinus Device for Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 115-122.	1.1	108
57	Multiple Interactions Between the Renin-Angiotensin and the Kallikrein-Kinin Systems: Role of ACE Inhibition and AT1 Receptor Blockade. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 39, 478-487.	0.8	105
58	Truncation of Titin's Elastic PEVK Region Leads to Cardiomyopathy With Diastolic Dysfunction. <i>Circulation Research</i> , 2009, 105, 557-564.	2.0	105
59	Heart Failure Association of the ESC, Heart Failure Society of America and Japanese Heart Failure Society Position statement on endomyocardial biopsy. <i>European Journal of Heart Failure</i> , 2021, 23, 854-871.	2.9	105
60	Human Apolipoprotein A-I Gene Transfer Reduces the Development of Experimental Diabetic Cardiomyopathy. <i>Circulation</i> , 2008, 117, 1563-1573.	1.6	103
61	Cardiac Deletion of the Coxsackievirus-Adenovirus Receptor Abolishes Coxsackievirus B3 Infection and Prevents Myocarditis In Vivo. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1219-1226.	1.2	103
62	Collagen degradation in a murine myocarditis model: relevance of matrix metalloproteinase in association with inflammatory induction. <i>Cardiovascular Research</i> , 2002, 56, 235-247.	1.8	102
63	Gene Deletion of the Kinin Receptor B1 Attenuates Cardiac Inflammation and Fibrosis During the Development of Experimental Diabetic Cardiomyopathy. <i>Diabetes</i> , 2009, 58, 1373-1381.	0.3	102
64	Coronary microvascular dysfunction in hypertrophy and heart failure. <i>Cardiovascular Research</i> , 2020, 116, 806-816.	1.8	102
65	Blunted frequency-dependent upregulation of cardiac output is related to impaired relaxation in diastolic heart failure. <i>European Heart Journal</i> , 2009, 30, 3027-3036.	1.0	100
66	Prevention of cardiac fibrosis and left ventricular dysfunction in diabetic cardiomyopathy in rats by transgenic expression of the human tissue kallikrein gene. <i>FASEB Journal</i> , 2004, 18, 828-835.	0.2	97
67	Management of heart failure patients with COVID-19: a joint position paper of the Chinese Heart Failure Association & National Heart Failure Committee and the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020, 22, 941-956.	2.9	95
68	Renin Inhibition Improves Cardiac Function and Remodeling After Myocardial Infarction Independent of Blood Pressure. <i>Hypertension</i> , 2008, 52, 1068-1075.	1.3	91
69	Ubiquitin-Like Protein ISG15 (Interferon-Stimulated Gene of 15 kDa) in Host Defense Against Heart Failure in a Mouse Model of Virus-Induced Cardiomyopathy. <i>Circulation</i> , 2014, 130, 1589-1600.	1.6	91
70	Intracoronary autologous bone marrow cell transfer after myocardial infarction: the BOOST-2 randomised placebo-controlled clinical trial. <i>European Heart Journal</i> , 2017, 38, 2936-2943.	1.0	91
71	A Common <i>MLP</i> (Muscle LIM Protein) Variant Is Associated With Cardiomyopathy. <i>Circulation Research</i> , 2010, 106, 695-704.	2.0	90
72	Differential Expression of Matrix Metalloproteases in Human Fibroblasts with Different Origins. <i>Biochemistry Research International</i> , 2012, 2012, 1-10.	1.5	90

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73	Transgenic overexpression of the sarcoplasmic reticulum Ca ²⁺ ATPase improves reticular Ca ²⁺ handling in normal and diabetic rat hearts. <i>FASEB Journal</i> , 2002, 16, 1657-1659.	0.2	88
74	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.	1.2	88
75	Secretory sphingomyelinase is upregulated in chronic heart failure: a second messenger system of immune activation relates to body composition, muscular functional capacity, and peripheral blood flow. <i>European Heart Journal</i> , 2007, 28, 821-828.	1.0	86
76	The Endothelin Receptor Blocker Bosentan Inhibits Doxorubicin-Induced Cardiomyopathy. <i>Cancer Research</i> , 2007, 67, 10428-10435.	0.4	85
77	Diltiazem treatment prevents diastolic heart failure in mice with familial hypertrophic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2006, 8, 115-121.	2.9	83
78	Reduced Degradation of the Chemokine MCP-3 by Matrix Metalloproteinase-2 Exacerbates Myocardial Inflammation in Experimental Viral Cardiomyopathy. <i>Circulation</i> , 2011, 124, 2082-2093.	1.6	81
79	Human Parvovirus B19 NS1 Protein Modulates Inflammatory Signaling by Activation of STAT3/PIAS3 in Human Endothelial Cells. <i>Journal of Virology</i> , 2008, 82, 7942-7952.	1.5	80
80	Global strain rate imaging for the estimation of diastolic function in HFNEF compared with pressure-volume loop analysis. <i>European Journal of Echocardiography</i> , 2010, 11, 743-751.	2.3	80
81	Blocking the IL-1 β signalling pathway prevents chronic viral myocarditis and cardiac remodeling. <i>Basic Research in Cardiology</i> , 2019, 114, 11.	2.5	79
82	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019, 40, 2142-2151.	1.0	79
83	New Insights in (Inter)Cellular Mechanisms by Heart Failure with Preserved Ejection Fraction. <i>Current Heart Failure Reports</i> , 2014, 11, 436-444.	1.3	78
84	Circulating Rather Than Cardiac Angiotensin-(1-7) Stimulates Cardioprotection After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2010, 3, 286-293.	1.6	77
85	Vascular-Protective Effects of High-Density Lipoprotein Include the Downregulation of the Angiotensin II Type 1 Receptor. <i>Hypertension</i> , 2009, 53, 682-687.	1.3	76
86	Update on Myocarditis and Inflammatory Cardiomyopathy: Reemergence of Endomyocardial Biopsy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016, 69, 178-187.	0.4	76
87	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , 2019, 139, 413-415.	1.6	75
88	Left Ventricular Dysfunction Induced by Nonsevere Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 181-189.	2.5	74
89	Therapeutic approaches in heart failure with preserved ejection fraction: past, present, and future. <i>Clinical Research in Cardiology</i> , 2020, 109, 1079-1098.	1.5	74
90	Cardiac-targeted RNA interference mediated by an AAV9 vector improves cardiac function in coxsackievirus B3 cardiomyopathy. <i>Journal of Molecular Medicine</i> , 2008, 86, 987-997.	1.7	73

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91	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.	0.9	72
92	Carvedilol improves left ventricular function in murine coxsackievirus-induced acute myocarditis Association with reduced myocardial interleukin-1 β and MMP-8 expression and a modulated immune response. <i>European Journal of Heart Failure</i> , 2005, 7, 444-452.	2.9	71
93	Impact of HDL on adipose tissue metabolism and adiponectin expression. <i>Atherosclerosis</i> , 2010, 210, 438-444.	0.4	71
94	TRIF Is a Critical Survival Factor in Viral Cardiomyopathy. <i>Journal of Immunology</i> , 2011, 186, 2561-2570.	0.4	71
95	Long-term outcome of patients with virus-negative chronic myocarditis or inflammatory cardiomyopathy after immunosuppressive therapy. <i>Clinical Research in Cardiology</i> , 2016, 105, 1011-1020.	1.5	71
96	Cardiac contractility modulation: mechanisms of action in heart failure with reduced ejection fraction and beyond. <i>European Journal of Heart Failure</i> , 2019, 21, 14-22.	2.9	71
97	Role of Heart Rate Reduction in the Prevention of Experimental Heart Failure. <i>Hypertension</i> , 2012, 59, 949-957.	1.3	69
98	Impact of Atrial Fibrillation on the Accuracy of Oscillometric Blood Pressure Monitoring. <i>Hypertension</i> , 2013, 62, 579-584.	1.3	68
99	Prevention of Cardiac Dysfunction in Acute Coxsackievirus B3 Cardiomyopathy by Inducible Expression of a Soluble Coxsackievirus-Adenovirus Receptor. <i>Circulation</i> , 2009, 120, 2358-2366.	1.6	67
100	Selective PDE5A inhibition with sildenafil rescues left ventricular dysfunction, inflammatory immune response and cardiac remodeling in angiotensin II-induced heart failure in vivo. <i>Basic Research in Cardiology</i> , 2012, 107, 308.	2.5	66
101	Heart failure with preserved ejection fraction: current management and future strategies. <i>Clinical Research in Cardiology</i> , 2018, 107, 1-19.	1.5	64
102	Enhancement of the endothelial NO synthase attenuates experimental diastolic heart failure. <i>Basic Research in Cardiology</i> , 2009, 104, 499-509.	2.5	63
103	Interferon Beta Modulates Endothelial Damage in Patients with Cardiac Persistence of Human Parvovirus B19 Infection. <i>Journal of Infectious Diseases</i> , 2010, 201, 936-945.	1.9	63
104	Pathogenic Role of the Damage-Associated Molecular Patterns S100A8 and S100A9 in Coxsackievirus B3-Induced Myocarditis. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	63
105	Clinical Features and Outcomes of Patients With Malignancy and Takotsubo Syndrome: Observations From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2019, 8, e010881.	1.6	63
106	Elevated Sera sST2 Is Associated With Heart Failure in Men \geq 50 Years Old With Myocarditis. <i>Journal of the American Heart Association</i> , 2019, 8, e008968.	1.6	62
107	Development of diastolic heart failure in a 6-year follow-up study in patients after acute myocarditis. <i>Heart</i> , 2011, 97, 709-714.	1.2	61
108	Protease-Activated Receptor-2 Regulates the Innate Immune Response to Viral Infection in a Coxsackievirus B3-Induced Myocarditis. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1737-1745.	1.2	61

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109	Accelerated Mitochondrial Adenosine Diphosphate/Adenosine Triphosphate Transport Improves Hypertension-Induced Heart Disease. <i>Circulation</i> , 2007, 115, 333-344.	1.6	60
110	NOD2 (Nucleotide-Binding Oligomerization Domain 2) Is a Major Pathogenic Mediator of Coxsackievirus B3-Induced Myocarditis. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	60
111	High-Density Lipoproteins Reduce Endothelial-to-Mesenchymal Transition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1774-1777.	1.1	58
112	Upregulation of bradykinin B1-receptor expression after myocardial infarction. <i>British Journal of Pharmacology</i> , 2000, 129, 1537-1538.	2.7	57
113	Mesenchymal Stromal Cells Modulate Monocytes Trafficking in Coxsackievirus B3-Induced Myocarditis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1249-1261.	1.6	56
114	The angiotensin-(1 α 7) receptor agonist AVE0991 is cardioprotective in diabetic rats. <i>European Journal of Pharmacology</i> , 2008, 590, 276-280.	1.7	55
115	Interleukin-6 receptor inhibition modulates the immune reaction and restores titin phosphorylation in experimental myocarditis. <i>Basic Research in Cardiology</i> , 2014, 109, 449.	2.5	55
116	LXR agonism improves TNF α -induced endothelial dysfunction in the absence of its cholesterol-modulating effects. <i>Atherosclerosis</i> , 2014, 232, 1-9.	0.4	55
117	New Echocardiographic Findings Correlate with Intramyocardial Inflammation in Endomyocardial Biopsies of Patients with Acute Myocarditis and Inflammatory Cardiomyopathy. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	54
118	Activation of mitochondrial energy metabolism protects against cardiac failure. <i>Aging</i> , 2010, 2, 843-853.	1.4	53
119	Functional iron deficiency and diastolic function in heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2013, 168, 4652-4657.	0.8	51
120	Mesenchymal stromal cells inhibit NLRP3 inflammasome activation in a model of Coxsackievirus B3-induced inflammatory cardiomyopathy. <i>Scientific Reports</i> , 2018, 8, 2820.	1.6	49
121	Mode-of-action of the PROPELLA concept in fulminant myocarditis. <i>European Heart Journal</i> , 2019, 40, 2164-2169.	1.0	49
122	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	1.0	49
123	Levosimendan Efficacy and Safety: 20 Years of SIMDAX in Clinical Use. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 4-22.	0.8	49
124	Low-dose treatment with atorvastatin leads to anti-oxidative and anti-inflammatory effects in diabetes mellitus. <i>European Journal of Pharmacology</i> , 2007, 569, 204-211.	1.7	48
125	Immunomodulation and matrix metalloproteinases in viral myocarditis. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 468-473.	0.9	48
126	Interleukin-23 Deficiency Leads to Impaired Wound Healing and Adverse Prognosis After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2014, 7, 161-171.	1.6	48

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127	Mesenchymal Stromal Cells but Not Cardiac Fibroblasts Exert Beneficial Systemic Immunomodulatory Effects in Experimental Myocarditis. <i>PLoS ONE</i> , 2012, 7, e41047.	1.1	48
128	Myocardial bradykinin B2-receptor expression at different time points after induction of myocardial infarction. <i>Journal of Hypertension</i> , 2000, 18, 223-228.	0.3	47
129	The bradykinin B1 receptor contributes to the cardioprotective effects of AT1 blockade after experimental myocardial infarction. <i>Cardiovascular Research</i> , 2004, 61, 559-569.	1.8	45
130	Human Cardiac-Derived Adherent Proliferating Cells Reduce Murine Acute Coxsackievirus B3-Induced Myocarditis. <i>PLoS ONE</i> , 2011, 6, e28513.	1.1	44
131	Viral myocarditis and coagulopathy: Increased tissue factor expression and plasma thrombogenicity. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 118-126.	0.9	43
132	High-Density Lipoprotein at the Interface of Type 2 Diabetes Mellitus And Cardiovascular Disorders. <i>Current Pharmaceutical Design</i> , 2010, 16, 1504-1516.	0.9	43
133	Myeloid differentiation factor-88 contributes to TLR9-mediated modulation of acute coxsackievirus B3-induced myocarditis in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H2024-H2031.	1.5	43
134	Analysis of endomyocardial biopsies in suspected myocarditis – Diagnostic value of left versus right ventricular biopsy. <i>International Journal of Cardiology</i> , 2014, 177, 76-78.	0.8	42
135	Cardiac contractility modulation signals improve exercise intolerance and maladaptive regulation of cardiac key proteins for systolic and diastolic function in HFpEF. <i>International Journal of Cardiology</i> , 2016, 203, 1061-1066.	0.8	42
136	Right ventricular strain in heart failure: Clinical perspective. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 562-571.	0.7	42
137	Immunomodulation by adoptive regulatory T cell transfer improves Coxsackievirus B3-induced myocarditis. <i>FASEB Journal</i> , 2018, 32, 6066-6078.	0.2	42
138	A pragmatic approach to the use of inotropes for the management of acute and advanced heart failure: An expert panel consensus. <i>International Journal of Cardiology</i> , 2019, 297, 83-90.	0.8	42
139	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1869-1877.	1.2	42
140	The role of the renal kallikrein-kinin system in diabetic nephropathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2007, 16, 22-26.	1.0	41
141	Viral myocarditis. <i>Current Opinion in Cardiology</i> , 2018, 33, 325-333.	0.8	41
142	Regulation of cardiac bradykinin B1- and B2-receptor mRNA in experimental ischemic, diabetic, and pressure-overload-induced cardiomyopathy. <i>International Immunopharmacology</i> , 2002, 2, 1823-1832.	1.7	40
143	Clinical Relevance of Left Atrial Strain to Predict Recurrence of Atrial Fibrillation after Catheter Ablation: A Meta-Analysis. <i>Echocardiography</i> , 2016, 33, 724-733.	0.3	40
144	The MOGE(S) classification for cardiomyopathies: current status and future outlook. <i>Heart Failure Reviews</i> , 2017, 22, 743-752.	1.7	40

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145	<sc>SARS-CoV-2</sc>-related myocarditis-like syndromes <sc>S</sc>'hakespeare's question: what's in a name?. European Journal of Heart Failure, 2020, 22, 922-925.	2.9	40
146	Protease-activated receptor 2 deficiency mediates cardiac fibrosis and diastolic dysfunction. European Heart Journal, 2019, 40, 3318-3332.	1.0	39
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