

Carsten Tschpe

List of Publications by Citations

Source: <https://exaly.com/author-pdf/116713/carsten-tschpe-publications-by-citations.pdf>

Version: 2024-04-19

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.

328
papers

21,089
citations

70
h-index

136
g-index

360
ext. papers

26,003
ext. citations

6.4
avg, IF

6.87
L-index

#	Paper	IF	Citations
328	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, 2539-50	9.5	1934
327	A novel paradigm for heart failure with preserved ejection fraction: comorbidities drive myocardial dysfunction and remodeling through coronary microvascular endothelial inflammation. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 263-71	15.1	1791
326	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. <i>New England Journal of Medicine</i> , 2015 , 373, 929-38	59.2	1260
325	Utility of Doppler echocardiography and tissue Doppler imaging in the estimation of diastolic function in heart failure with normal ejection fraction: a comparative Doppler-conductance catheterization study. <i>Circulation</i> , 2007 , 116, 637-47	16.7	849
324	Effect of spironolactone on diastolic function and exercise capacity in patients with heart failure with preserved ejection fraction: the Aldo-DHF randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 781-91	27.4	457
323	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 Heart Journal</i> , 2019 , 40, 3297-3317	9.5	379
322	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	7.6	371
321	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, 512-9	9.5	345
320	Role of left ventricular stiffness in heart failure with normal ejection fraction. <i>Circulation</i> , 2008 , 117, 2051-60	16.7	327
319	Crosstalk between fibroblasts and inflammatory cells. <i>Cardiovascular Research</i> , 2014 , 102, 258-69	9.9	280
318	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	12.3	264
317	Myocardial Microvascular Inflammatory Endothelial Activation in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2016 , 4, 312-24	7.9	262
316	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, 119-29	12.3	248
315	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, 2797-815	9.5	231
314	Angiotensin II type 2 receptor stimulation: a novel option of therapeutic interference with the renin-angiotensin system in myocardial infarction?. <i>Circulation</i> , 2008 , 118, 2523-32	16.7	220
313	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, 2277-84	9.5	217
312	Inflammation - Cause or Consequence of Heart Failure or Both?. <i>Current Heart Failure Reports</i> , 2017 , 14, 251-265	2.8	211

311	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, 977-85	15.1	210
310	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, 641-6	0.9	206
309	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. <i>Nature Reviews Cardiology</i> , 2021 , 18, 169-193	14.8	194
308	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, 1239-49	7.6	183
307	Complication rate of right ventricular endomyocardial biopsy via the femoral approach: a retrospective and prospective study analyzing 3048 diagnostic procedures over an 11-year period. <i>Circulation</i> , 2008 , 118, 1722-8	16.7	177
306	Long-term cardiac-targeted RNA interference for the treatment of heart failure restores cardiac function and reduces pathological hypertrophy. <i>Circulation</i> , 2009 , 119, 1241-52	16.7	176
305	Protective role of angiotensin-1 in endotoxic shock. <i>Circulation</i> , 2005 , 111, 97-105	16.7	174
304	Tumor necrosis factor-alpha antagonism protects from myocardial inflammation and fibrosis in experimental diabetic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2007 , 102, 500-7	11.8	151
303	Pretreatment with statin attenuates the cardiotoxicity of Doxorubicin in mice. <i>Cancer Research</i> , 2009 , 69, 695-9	10.1	144
302	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, 922-30	3.3	139
301	Reduced MMP-2 activity contributes to cardiac fibrosis in experimental diabetic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2008 , 103, 319-27	11.8	138
300	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	12.3	137
299	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 874-882	15.1	134
298	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	12.3	118
297	Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment. <i>Nature Communications</i> , 2016 , 7, 13710	17.4	118
296	Cardioprotective and anti-inflammatory effects of interleukin converting enzyme inhibition in experimental diabetic cardiomyopathy. <i>Diabetes</i> , 2007 , 56, 1834-41	0.9	114
295	Toll-like receptor-4 deficiency attenuates doxorubicin-induced cardiomyopathy in mice. <i>European Journal of Heart Failure</i> , 2008 , 10, 233-43	12.3	111
294	Quantification of circulating endothelial progenitor cells using the modified ISHAGE protocol. <i>PLoS ONE</i> , 2010 , 5, e13790	3.7	110

293	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	8.4	103
292	The role of placental-derived adherent stromal cell (PLX-PAD) in the treatment of critical limb ischemia. <i>Cytotherapy</i> , 2009 , 11, 427-34	4.8	101
291	Toll-like receptor-4 modulates survival by induction of left ventricular remodeling after myocardial infarction in mice. <i>Journal of Immunology</i> , 2008 , 180, 6954-61	5.3	101
290	SARS-CoV-2 infects and induces cytotoxic effects in human cardiomyocytes. <i>Cardiovascular Research</i> , 2020 , 116, 2207-2215	9.9	101
289	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, 214-23	12.3	100
288	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	12.3	99
287	Role of gender in heart failure with normal left ventricular ejection fraction. <i>Progress in Cardiovascular Diseases</i> , 2007 , 49, 241-51	8.5	99
286	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, 2057-9	0.9	97
285	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. <i>FASEB Journal</i> , 2000 , 14, 1858-60	0.9	97
284	Management of Myocarditis-Related Cardiomyopathy in Adults. <i>Circulation Research</i> , 2019 , 124, 1568-1583	3.7	96
283	Cardiac fibroblasts support cardiac inflammation in heart failure. <i>Basic Research in Cardiology</i> , 2014 , 109, 428	11.8	96
282	Is echocardiographic evaluation of diastolic function useful in determining clinical care? Doppler echocardiography yields dubious estimates of left ventricular diastolic pressures. <i>Circulation</i> , 2009 , 120, 810-20; discussion 820	16.7	96
281	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, 478-87	3.1	96
280	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , 2016 , 37, 2823-2829	9.5	93
279	Management of Acute Myocarditis and Chronic Inflammatory Cardiomyopathy: An Expert Consensus Document. <i>Circulation: Heart Failure</i> , 2020 , 13, e007405	7.6	92
278	Empagliflozin directly improves diastolic function in human heart failure. <i>European Journal of Heart Failure</i> , 2018 , 20, 1690-1700	12.3	91
277	Human apolipoprotein A-I gene transfer reduces the development of experimental diabetic cardiomyopathy. <i>Circulation</i> , 2008 , 117, 1563-73	16.7	88
276	Transcatheter implantation of the MONARC coronary sinus device for mitral regurgitation: 1-year results from the EVOLUTION phase I study (Clinical Evaluation of the Edwards Lifesciences Percutaneous Mitral Annuloplasty System for the Treatment of Mitral Regurgitation). <i>JACC: Cardiovascular Interventions</i> , 2011 , 4, 115-22	5	86

275	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, 1219-26	15.1	86
274	Renin inhibition improves cardiac function and remodeling after myocardial infarction independent of blood pressure. <i>Hypertension</i> , 2008 , 52, 1068-75	8.5	85
273	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	12.3	84
272	Gene deletion of the kinin receptor B1 attenuates cardiac inflammation and fibrosis during the development of experimental diabetic cardiomyopathy. <i>Diabetes</i> , 2009 , 58, 1373-81	0.9	84
271	Actualizaci3n sobre miocarditis y miocardiopat3a inflamatoria: el resurgir de la biopsia endomioc3rdica. <i>Revista Espanola De Cardiologia</i> , 2016 , 69, 178-187	1.5	83
270	Osteopontin-mediated myocardial fibrosis in heart failure: a role for lysyl oxidase?. <i>Cardiovascular Research</i> , 2013 , 99, 111-20	9.9	83
269	Collagen degradation in a murine myocarditis model: relevance of matrix metalloproteinase in association with inflammatory induction. <i>Cardiovascular Research</i> , 2002 , 56, 235-47	9.9	82
268	Truncation of titin's elastic PEVK region leads to cardiomyopathy with diastolic dysfunction. <i>Circulation Research</i> , 2009 , 105, 557-64	15.7	81
267	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, 828-35	0.9	81
266	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, 1657-9	0.9	79
265	Mechanical Unloading by Fulminant Myocarditis: LV-IMPELLA, ECMELLA, BI-PELLA, and PROPELLA Concepts. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 116-123	3.3	77
264	A common MLP (muscle LIM protein) variant is associated with cardiomyopathy. <i>Circulation Research</i> , 2010 , 106, 695-704	15.7	77
263	Blunted frequency-dependent upregulation of cardiac output is related to impaired relaxation in diastolic heart failure. <i>European Heart Journal</i> , 2009 , 30, 3027-36	9.5	74
262	Differential expression of matrix metalloproteases in human fibroblasts with different origins. <i>Biochemistry Research International</i> , 2012 , 2012, 875742	2.4	74
261	Circulating rather than cardiac angiotensin-(1-7) stimulates cardioprotection after myocardial infarction. <i>Circulation: Heart Failure</i> , 2010 , 3, 286-93	7.6	73
260	The endothelin receptor blocker bosentan inhibits doxorubicin-induced cardiomyopathy. <i>Cancer Research</i> , 2007 , 67, 10428-35	10.1	73
259	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, 821-8	9.5	72
258	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	4.1	70

257	Vascular-protective effects of high-density lipoprotein include the downregulation of the angiotensin II type 1 receptor. <i>Hypertension</i> , 2009 , 53, 682-7	8.5	70
256	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, 743-51		69
255	Diltiazem treatment prevents diastolic heart failure in mice with familial hypertrophic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2006 , 8, 115-21	12.3	68
254	Reduced degradation of the chemokine MCP-3 by matrix metalloproteinase-2 exacerbates myocardial inflammation in experimental viral cardiomyopathy. <i>Circulation</i> , 2011 , 124, 2082-93	16.7	67
253	TRIF is a critical survival factor in viral cardiomyopathy. <i>Journal of Immunology</i> , 2011 , 186, 2561-70	5.3	66
252	Cardiac-targeted RNA interference mediated by an AAV9 vector improves cardiac function in coxsackievirus B3 cardiomyopathy. <i>Journal of Molecular Medicine</i> , 2008 , 86, 987-97	5.5	64
251	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	9.5	64
250	Human parvovirus B19 NS1 protein modulates inflammatory signaling by activation of STAT3/PIAS3 in human endothelial cells. <i>Journal of Virology</i> , 2008 , 82, 7942-52	6.6	62
249	New insights in (inter)cellular mechanisms by heart failure with preserved ejection fraction. <i>Current Heart Failure Reports</i> , 2014 , 11, 436-44	2.8	61
248	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	12.3	60
247	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	9.9	60
246	Impact of HDL on adipose tissue metabolism and adiponectin expression. <i>Atherosclerosis</i> , 2010 , 210, 438-44	3.1	58
245	Left ventricular dysfunction induced by nonsevere idiopathic pulmonary arterial hypertension: a pressure-volume relationship study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 181-9	10.2	58
244	Heart failure with preserved ejection fraction: current management and future strategies : Expert opinion on the behalf of the Nucleus of the "Heart Failure Working Group" of the German Society of Cardiology (DKG). <i>Clinical Research in Cardiology</i> , 2018 , 107, 1-19	6.1	57
243	Role of heart rate reduction in the prevention of experimental heart failure: comparison between If-channel blockade and β -receptor blockade. <i>Hypertension</i> , 2012 , 59, 949-57	8.5	55
242	Prevention of cardiac dysfunction in acute coxsackievirus B3 cardiomyopathy by inducible expression of a soluble coxsackievirus-adenovirus receptor. <i>Circulation</i> , 2009 , 120, 2358-66	16.7	55
241	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, 444-52	12.3	55
240	Enhancement of the endothelial NO synthase attenuates experimental diastolic heart failure. <i>Basic Research in Cardiology</i> , 2009 , 104, 499-509	11.8	54

239	Upregulation of bradykinin B1-receptor expression after myocardial infarction. <i>British Journal of Pharmacology</i> , 2000 , 129, 1537-8	8.6	53
238	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, 1589-600	16.7	52
237	Impact of atrial fibrillation on the accuracy of oscillometric blood pressure monitoring. <i>Hypertension</i> , 2013 , 62, 579-84	8.5	51
236	Interferon beta modulates endothelial damage in patients with cardiac persistence of human parvovirus b19 infection. <i>Journal of Infectious Diseases</i> , 2010 , 201, 936-45	7	51
235	Blocking the IL-1 β signalling pathway prevents chronic viral myocarditis and cardiac remodeling. <i>Basic Research in Cardiology</i> , 2019 , 114, 11	11.8	50
234	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	6.1	50
233	High-density lipoproteins reduce endothelial-to-mesenchymal transition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1774-7	9.4	49
232	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, 1737-45	15.1	49
231	Accelerated mitochondrial adenosine diphosphate/adenosine triphosphate transport improves hypertension-induced heart disease. <i>Circulation</i> , 2007 , 115, 333-44	16.7	49
230	Update on Myocarditis and Inflammatory Cardiomyopathy: Reemergence of Endomyocardial Biopsy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 178-87	0.7	48
229	NOD2 (Nucleotide-Binding Oligomerization Domain 2) Is a Major Pathogenic Mediator of Coxsackievirus B3-Induced Myocarditis. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	48
228	The angiotensin-(1-7) receptor agonist AVE0991 is cardioprotective in diabetic rats. <i>European Journal of Pharmacology</i> , 2008 , 590, 276-80	5.3	48
227	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	11.8	47
226	Activation of mitochondrial energy metabolism protects against cardiac failure. <i>Aging</i> , 2010 , 2, 843-53	5.6	47
225	Mesenchymal Stromal Cells Modulate Monocytes Trafficking in Coxsackievirus B3-Induced Myocarditis. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1249-1261	6.9	44
224	LXR agonism improves TNF- β -induced endothelial dysfunction in the absence of its cholesterol-modulating effects. <i>Atherosclerosis</i> , 2014 , 232, 1-9	3.1	44
223	Low-dose treatment with atorvastatin leads to anti-oxidative and anti-inflammatory effects in diabetes mellitus. <i>European Journal of Pharmacology</i> , 2007 , 569, 204-11	5.3	44
222	Coronary microvascular dysfunction in hypertrophy and heart failure. <i>Cardiovascular Research</i> , 2020 , 116, 806-816	9.9	44

221	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, 875420	4.3	43
220	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	3	42
219	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019 , 40, 2142-2151	9.5	42
218	The bradykinin B1 receptor contributes to the cardioprotective effects of AT1 blockade after experimental myocardial infarction. <i>Cardiovascular Research</i> , 2004 , 61, 559-69	9.9	42
217	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	12.3	42
216	Therapeutic approaches in heart failure with preserved ejection fraction: past, present, and future. <i>Clinical Research in Cardiology</i> , 2020 , 109, 1079-1098	6.1	41
215	Development of diastolic heart failure in a 6-year follow-up study in patients after acute myocarditis. <i>Heart</i> , 2011 , 97, 709-14	5.1	41
214	Myocardial bradykinin B2-receptor expression at different time points after induction of myocardial infarction. <i>Journal of Hypertension</i> , 2000 , 18, 223-8	1.9	41
213	Mesenchymal stromal cells but not cardiac fibroblasts exert beneficial systemic immunomodulatory effects in experimental myocarditis. <i>PLoS ONE</i> , 2012 , 7, e41047	3.7	41
212	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , 2019 , 139, 413-415	16.7	39
211	Interleukin-23 deficiency leads to impaired wound healing and adverse prognosis after myocardial infarction. <i>Circulation: Heart Failure</i> , 2014 , 7, 161-71	7.6	39
210	Pathogenic Role of the Damage-Associated Molecular Patterns S100A8 and S100A9 in Coxsackievirus B3-Induced Myocarditis. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	39
209	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, H2024-31	5.2	39
208	Viral myocarditis and coagulopathy: increased tissue factor expression and plasma thrombogenicity. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 45, 118-26	5.8	39
207	Interleukin-6 receptor inhibition modulates the immune reaction and restores titin phosphorylation in experimental myocarditis. <i>Basic Research in Cardiology</i> , 2014 , 109, 449	11.8	38
206	Immunomodulation and matrix metalloproteinases in viral myocarditis. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 48, 468-73	5.8	38
205	Use of selective antagonists to dissociate the central cardiovascular and behavioural effects of tachykinins on NK1 and NK2 receptors in the rat. <i>British Journal of Pharmacology</i> , 1992 , 107, 750-5	8.6	38
204	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	6	36

203	Functional iron deficiency and diastolic function in heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2013 , 168, 4652-7	3.2	36
202	Analysis of endomyocardial biopsies in suspected myocarditis--diagnostic value of left versus right ventricular biopsy. <i>International Journal of Cardiology</i> , 2014 , 177, 76-8	3.2	36
201	High-density lipoprotein at the interface of type 2 diabetes mellitus and cardiovascular disorders. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1504-16	3.3	36
200	Regulation of cardiac bradykinin B1- and B2-receptor mRNA in experimental ischemic, diabetic, and pressure-overload-induced cardiomyopathy. <i>International Immunopharmacology</i> , 2002 , 2, 1823-32	5.8	35
199	Cardioprotection by placenta-derived stromal cells in a murine myocardial infarction model. <i>Journal of Surgical Research</i> , 2013 , 185, 70-83	2.5	34
198	The MOGE(S) classification for cardiomyopathies: current status and future outlook. <i>Heart Failure Reviews</i> , 2017 , 22, 743-752	5	33
197	Increased kallikrein expression protects against cardiac ischemia. <i>FASEB Journal</i> , 2000 , 14, 1861-3	0.9	33
196	Mode-of-action of the PROPELLA concept in fulminant myocarditis. <i>European Heart Journal</i> , 2019 , 40, 2164-2169	9.5	32
195	Elevated NT-ProBNP levels in patients with increased left ventricular filling pressure during exercise despite preserved systolic function. <i>Journal of Cardiac Failure</i> , 2005 , 11, S28-33	3.3	32
194	Localization of the substance P-induced cardiovascular responses in the rat hypothalamus. <i>Brain Research</i> , 1991 , 558, 123-6	3.7	32
193	Mesenchymal stromal cells inhibit NLRP3 inflammasome activation in a model of Coxsackievirus B3-induced inflammatory cardiomyopathy. <i>Scientific Reports</i> , 2018 , 8, 2820	4.9	31
192	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, 1061-6	3.2	31
191	Cardiac fibroblasts aggravate viral myocarditis: cell specific coxsackievirus B3 replication. <i>Mediators of Inflammation</i> , 2014 , 2014, 519528	4.3	31
190	Human cardiac-derived adherent proliferating cells reduce murine acute Coxsackievirus B3-induced myocarditis. <i>PLoS ONE</i> , 2011 , 6, e28513	3.7	31
189	Diastolic pressure-volume quotient (DPVQ) as a novel echocardiographic index for estimation of LV stiffness in HFpEF. <i>Clinical Research in Cardiology</i> , 2015 , 104, 955-63	6.1	30
188	Immunomodulation by interleukin-4 suppresses matrix metalloproteinases and improves cardiac function in murine myocarditis. <i>European Journal of Pharmacology</i> , 2007 , 554, 60-8	5.3	30
187	The role of the renal kallikrein-kinin system in diabetic nephropathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2007 , 16, 22-6	3.5	30
186	Myocardial expression of rat bradykinin receptors and two tissue kallikrein genes in experimental diabetes. <i>Immunopharmacology</i> , 1999 , 44, 35-42		30

185	Viral myocarditis: a prime example for endomyocardial biopsy-guided diagnosis and therapy. <i>Current Opinion in Cardiology</i> , 2018 , 33, 325-333	2.1	29
184	Single-beat estimation of the left ventricular end-diastolic pressure-volume relationship in patients with heart failure. <i>Heart</i> , 2010 , 96, 213-9	5.1	29
183	Protection against oxidative stress in diabetic rats: role of angiotensin AT(1) receptor and beta 1-adrenoceptor antagonism. <i>European Journal of Pharmacology</i> , 2005 , 520, 179-87	5.3	29
182	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 ^{1,2,3}		29
181	Elevated Sera sST2 Is Associated With Heart Failure in Men 50 Years Old With Myocarditis. <i>Journal of the American Heart Association</i> , 2019 , 8, e008968	6	29
180	Down-regulation of endothelial TLR4 signalling after apo A-I gene transfer contributes to improved survival in an experimental model of lipopolysaccharide-induced inflammation. <i>Journal of Molecular Medicine</i> , 2011 , 89, 151-60	5.5	28
179	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	3.2	27
178	Differential interaction of clinical characteristics with key functional parameters in heart failure with preserved ejection fraction--results of the Aldo-DHF trial. <i>International Journal of Cardiology</i> , 2013 , 169, 408-17	3.2	27
177	Left ventricular enlargement in coxsackievirus-B3 induced chronic myocarditis--ongoing inflammation and an imbalance of the matrix degrading system. <i>European Journal of Pharmacology</i> , 2010 , 630, 145-51	5.3	27
176	Improvement of defective sarcoplasmic reticulum Ca ²⁺ transport in diabetic heart of transgenic rats expressing the human kallikrein-1 gene. <i>FASEB Journal</i> , 2004 , 18, 1967-9	0.9	27
175	Enhancement of endothelial nitric oxide synthase production reverses vascular dysfunction and inflammation in the hindlimbs of a rat model of diabetes. <i>Diabetologia</i> , 2008 , 51, 2325-32	10.3	26
174	Impaired Endothelial Regeneration Through Human Parvovirus B19-Infected Circulating Angiogenic Cells in Patients With Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1070-81	7	25
173	Telbivudine in chronic lymphocytic myocarditis and human parvovirus B19 transcriptional activity. <i>ESC Heart Failure</i> , 2018 , 5, 818-829	3.7	25
172	Right ventricular strain in heart failure: Clinical perspective. <i>Archives of Cardiovascular Diseases</i> , 2017 , 110, 562-571	2.7	25
171	Diastolic heart failure: What we still don't know. Looking for new concepts, diagnostic approaches, and the role of comorbidities. <i>Herz</i> , 2012 , 37, 875-9	2.6	25
170	Fibrosis rather than blood pressure determines cardiac BNP expression in mice. <i>Regulatory Peptides</i> , 2003 , 116, 95-100		25
169	Immunomodulation by adoptive regulatory T-cell transfer improves Coxsackievirus B3-induced myocarditis. <i>FASEB Journal</i> , 2018 , 32, fj201701408R	0.9	24
168	Presence of perforin in endomyocardial biopsies of patients with inflammatory cardiomyopathy predicts poor outcome. <i>European Journal of Heart Failure</i> , 2014 , 16, 1066-72	12.3	24

167	Cardioprotective mechanisms of the kallikrein-kinin system in diabetic cardiopathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2006 , 15, 22-9	3.5	24
166	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome: Insights From the International Takotsubo Registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 279-287	9.4	24
165	Levosimendan in Acute and Advanced Heart Failure: An Appraisal of the Clinical Database and Evaluation of Its Therapeutic Applications. <i>Journal of Cardiovascular Pharmacology</i> , 2018 , 71, 129-136	3.1	23
164	The utility of speckle tracking imaging in the diagnostic of acute myocarditis, as proven by endomyocardial biopsy. <i>International Journal of Cardiology</i> , 2013 , 168, 3023-4	3.2	23
163	Chronic inhibition of p38MAPK improves cardiac and endothelial function in experimental diabetes mellitus. <i>European Journal of Pharmacology</i> , 2007 , 554, 40-5	5.3	23
162	Kinins are involved in the antiproteinuric effect of angiotensin-converting enzyme inhibition in experimental diabetic nephropathy. <i>International Immunopharmacology</i> , 2003 , 3, 335-44	5.8	23
161	Registry in Germany focusing on level-specific and evidence-based decision finding in the treatment of heart failure: REFLECT-HF. <i>Clinical Research in Cardiology</i> , 2014 , 103, 665-73	6.1	22
160	Simultaneous estimation of NT-proBNP on top to mitral flow Doppler echocardiography as an accurate strategy to diagnose diastolic dysfunction in HFNEF. <i>International Journal of Cardiology</i> , 2011 , 149, 23-9	3.2	22
159	New perspective on the tissue kallikrein-kinin system in myocardial infarction: role of angiogenesis and cardiac regeneration. <i>International Immunopharmacology</i> , 2008 , 8, 148-54	5.8	22
158	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	3.2	21
157	Immunosuppression in inflammatory cardiomyopathy and parvovirus B19 persistence. <i>European Journal of Heart Failure</i> , 2019 , 21, 1468-1469	12.3	21
156	Heterogeneous responses of systolic and diastolic left ventricular function to exercise in patients with heart failure and preserved ejection fraction. <i>ESC Heart Failure</i> , 2015 , 2, 121-132	3.7	21
155	Feasibility and safety of left ventricular endomyocardial biopsy via transradial access: Technique and initial experience. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, 761-5	2.7	21
154	Regional and global protective effects of tissue kallikrein gene delivery to the peri-infarct myocardium. <i>Regenerative Medicine</i> , 2006 , 1, 235-54	2.5	21
153	AT1 receptor blockade increases cardiac bradykinin via neutral endopeptidase after induction of myocardial infarction in rats. <i>FASEB Journal</i> , 2002 , 16, 1237-41	0.9	21
152	Clinical Relevance of Left Atrial Strain to Predict Recurrence of Atrial Fibrillation after Catheter Ablation: A Meta-Analysis. <i>Echocardiography</i> , 2016 , 33, 724-33	1.5	21
151	Placenta-Derived Adherent Stromal Cells Improve Diabetes Mellitus-Associated Left Ventricular Diastolic Performance. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 2135-2145	6.9	20
150	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020 , 41, 3255-3268	9.5	20

149	Heart failure with normal ejection fraction. Pathophysiology, diagnosis, and treatment. <i>Herz</i> , 2009 , 34, 89-96	2.6	20
148	Substance P and neurokinin A induced desensitization to cardiovascular and behavioral effects: evidence for the involvement of different tachykinin receptors. <i>Brain Research</i> , 1993 , 625, 75-83	3.7	20
147	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	4.9	20
146	Human Endomyocardial Biopsy Specimen-Derived Stromal Cells Modulate Angiotensin II-Induced Cardiac Remodeling. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1707-1718	6.9	20
145	Safety and feasibility of pulmonary artery pressure-guided heart failure therapy: rationale and design of the prospective CardioMEMS Monitoring Study for Heart Failure (MEMS-HF). <i>Clinical Research in Cardiology</i> , 2018 , 107, 991-1002	6.1	20
144	Protease-activated receptor 2 deficiency mediates cardiac fibrosis and diastolic dysfunction. <i>European Heart Journal</i> , 2019 , 40, 3318-3332	9.5	19
143	Aggravation of left ventricular dysfunction in patients with biopsy-proven cardiac human herpesvirus A and B infection. <i>Journal of Clinical Virology</i> , 2015 , 63, 1-5	14.5	19
142	CX3CR1 knockout aggravates Coxsackievirus B3-induced myocarditis. <i>PLoS ONE</i> , 2017 , 12, e0182643	3.7	19
141	Endomyocardial biopsy derived adherent proliferating cells - a potential cell source for cardiac tissue engineering. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 564-75	4.7	19
140	Increased left ventricular stiffness impairs exercise capacity in patients with heart failure symptoms despite normal left ventricular ejection fraction. <i>Cardiology Research and Practice</i> , 2011 , 2011, 692862	1.9	19
139	Doxorubicin cardiomyopathy-induced inflammation and apoptosis are attenuated by gene deletion of the kinin B1 receptor. <i>Biological Chemistry</i> , 2008 , 389, 713-8	4.5	19
138	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	3.7	19
137	Myocarditis in athletes: A clinical perspective. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320909670	3.9	18
136	Heart Failure with Preserved Ejection Fraction and Future Pharmacological Strategies: a Glance in the Crystal Ball. <i>Current Cardiology Reports</i> , 2017 , 19, 70	4.2	18
135	Repetitive levosimendan treatment in the management of advanced heart failure. <i>European Heart Journal Supplements</i> , 2018 , 20, I11-I20	1.5	18
134	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1869-1877	15.1	17
133	Apolipoprotein A-I gene transfer exerts immunomodulatory effects and reduces vascular inflammation and fibrosis in ob/ob mice. <i>Journal of Inflammation</i> , 2016 , 13, 25	6.7	17
132	Up-regulation of PPARgamma in myocardial infarction. <i>European Journal of Heart Failure</i> , 2008 , 10, 30-8	12.3	17

131	Cardiac function and remodeling is attenuated in transgenic rats expressing the human kallikrein-1 gene after myocardial infarction. <i>European Journal of Pharmacology</i> , 2006 , 550, 143-8	5.3	17
130	Cardiac (myo)fibroblasts modulate the migration of monocyte subsets. <i>Scientific Reports</i> , 2018 , 8, 5575	4.9	16
129	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	12.3	16
128	Immunosuppression with an interleukin-2 fusion protein leads to improved LV function in experimental ischemic cardiomyopathy. <i>International Immunopharmacology</i> , 2010 , 10, 207-12	5.8	16
127	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. <i>European Journal of Heart Failure</i> , 2020 , 22, 330-337	12.3	16
126	Transgenic overexpression of adenine nucleotide translocase 1 protects ischemic hearts against oxidative stress. <i>Journal of Molecular Medicine</i> , 2016 , 94, 645-53	5.5	16
125	Targeting CD20+ B-lymphocytes in inflammatory dilated cardiomyopathy with rituximab improves clinical course: a case series. <i>European Heart Journal - Case Reports</i> , 2019 , 3,	0.9	15
124	Clinical Predictors and Prognostic Impact of Recovery of Wall Motion Abnormalities in Takotsubo Syndrome: Results From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2019 , 8, e011194	6	15
123	Protective Function of STAT3 in CVB3-Induced Myocarditis. <i>Cardiology Research and Practice</i> , 2012 , 2012, 437623	1.9	15
122	Kinins in cardiac inflammation and regeneration: insights from ischemic and diabetic cardiomyopathy. <i>Neuropeptides</i> , 2010 , 44, 119-25	3.3	15
121	Renin inhibitors, clinical experience. <i>Journal of Molecular Medicine</i> , 2008 , 86, 691-5	5.5	15
120	Central cardiovascular and behavioral effects of carboxy- and amino-terminal fragments of substance P in conscious rats. <i>Brain Research</i> , 1995 , 690, 15-24	3.7	15
119	Levosimendan Efficacy and Safety: 20 years of SIMDAX in Clinical Use. <i>Cardiac Failure Review</i> , 2020 , 6, e19	4.2	15
118	Combination of RNA interference and virus receptor trap exerts additive antiviral activity in coxsackievirus B3-induced myocarditis in mice. <i>Journal of Infectious Diseases</i> , 2015 , 211, 613-22	7	14
117	Cardiac cell therapies: the next generation. <i>Cardiovascular Therapeutics</i> , 2011 , 29, 2-16	3.3	14
116	Acute exposure to doxorubicin results in increased cardiac P-glycoprotein expression. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3951-8	3.9	14
115	Cardiac kinin level in experimental diabetes mellitus: role of kininases. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H418-23	5.2	14
114	Hemodynamic characterization of left ventricular function in experimental coxsackieviral myocarditis: effects of carvedilol and metoprolol. <i>European Journal of Pharmacology</i> , 2004 , 491, 173-9	5.3	14

113	Upregulation of the cardiac bradykinin B2 receptors after myocardial infarction. <i>Immunopharmacology</i> , 1999 , 44, 111-7		14
112	How to perform an endomyocardial biopsy?. <i>Turk Kardiyoloji Dernegi Arsivi</i> , 2015 , 43, 572-5		14
111	Long noncoding RNAs: A new player in the prevention and treatment of diabetic cardiomyopathy?. <i>Diabetes/Metabolism Research and Reviews</i> , 2018 , 34, e3056	7.5	14
110	Impact of acute hypertension transients on diastolic function in patients with heart failure with preserved ejection fraction. <i>Cardiovascular Research</i> , 2017 , 113, 906-914	9.9	13
109	Treatment of heart failure in real-world clinical practice: findings from the REFLECT-HF registry in patients with NYHA class II symptoms and a reduced ejection fraction. <i>Clinical Cardiology</i> , 2015 , 38, 200-7	7.3	13
108	Angiotensin deficiency in mice leads to dilated cardiomyopathy. <i>European Journal of Pharmacology</i> , 2004 , 493, 161-5	5.3	13
107	Leveraging clinical epigenetics in heart failure with preserved ejection fraction: a call for individualized therapies. <i>European Heart Journal</i> , 2021 , 42, 1940-1958	9.5	13
106	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	4.1	13
105	Enhanced Cardiomyocyte Function in Hypertensive Rats With Diastolic Dysfunction and Human Heart Failure Patients After Acute Treatment With Soluble Guanylyl Cyclase (sGC) Activator. <i>Frontiers in Physiology</i> , 2020 , 11, 345	4.6	12
104	Levosimendan Efficacy and Safety: 20 Years of SIMDAX in Clinical Use. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 76, 4-22	3.1	12
103	Immunomodulatory effects of mesenchymal stromal cells revisited in the context of inflammatory cardiomyopathy. <i>Stem Cells International</i> , 2013 , 2013, 353097	5	12
102	Mesenchymal stromal cells: a promising cell source for the treatment of inflammatory cardiomyopathy. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3295-307	3.3	12
101	Bradykinin excretion is increased in severely hyperglycemic streptozotocin-diabetic rats. <i>Immunopharmacology</i> , 1996 , 33, 344-8		12
100	Further localization of cardiovascular and behavioral actions of substance P in the rat brain. <i>Brain Research</i> , 1994 , 668, 100-6	3.7	12
99	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	2.5	12
98	Enhanced clinical phenotyping by mechanistic bioprofiling in heart failure with preserved ejection fraction: insights from the MEDIA-DHF study (The Metabolic Road to Diastolic Heart Failure). <i>Biomarkers</i> , 2020 , 25, 201-211	2.6	11
97	Postprocedural radial artery occlusion rate using a sheathless guiding catheter for left ventricular endomyocardial biopsy performed by transradial approach. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 253	2.3	11
96	Improved insulin sensitivity by the angiotensin receptor antagonist irbesartan in patients with systolic heart failure: a randomized double-blinded placebo-controlled study. <i>International Journal of Cardiology</i> , 2012 , 161, 137-42	3.2	11

95	High-density lipoprotein-raising strategies: update 2010. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1517-30	3.0	11
94	Development of diabetic cardiomyopathy and the kallikrein-kinin system--new insights from B1 and B2 receptor signaling. <i>Biological Chemistry</i> , 2008 , 389, 707-11	4.5	11
93	Coronary vasospasm-induced acute diastolic dysfunction in a patient with Raynaud's phenomenon. <i>Clinical Research in Cardiology</i> , 2006 , 95, 344-8	6.1	11
92	The role of fibroblast - Cardiomyocyte interaction for atrial dysfunction in HFpEF and hypertensive heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 131, 53-65	5.8	10
91	Efficacy of RADPAD protective drape during coronary angiography. <i>Herz</i> , 2018 , 43, 310-314	2.6	10
90	Immune attributes of cardiac-derived adherent proliferating (CAP) cells in cardiac therapy. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 362-70	4.4	10
89	High-density lipoproteins reduce palmitate-induced cardiomyocyte apoptosis in an AMPK-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 466, 272-7	3.4	10
88	Cardiac effects of HDL and its components on diabetic cardiomyopathy. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2012 , 12, 132-47	2.2	10
87	Prediction of survival of patients in cardiogenic shock treated by surgically implanted Impella 5+ short-term left ventricular assist device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 31, 475-482 ¹⁸	1.8	10
86	Risk stratification and management of women with cardiomyopathy/heart failure planning pregnancy or presenting during/after pregnancy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on Peripartum Cardiomyopathy. <i>European Journal of Heart Failure</i> , 2021 , 23, 527-540	12.3	10
85	Meta-analysis on the immunohistological detection of inflammatory cardiomyopathy in endomyocardial biopsies. <i>Heart Failure Reviews</i> , 2020 , 25, 277-294	5	10
84	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	6.1	10
83	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	3.7	10
82	Heart failure with preserved ejection fraction according to the HFA-PEFF score in COVID-19 patients: clinical correlates and echocardiographic findings. <i>European Journal of Heart Failure</i> , 2021 , 23, 1891-1902	12.3	10
81	COVID-19 vs. Classical Myocarditis Associated Myocardial Injury Evaluated by Cardiac Magnetic Resonance and Endomyocardial Biopsy.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 737257	5.4	10
80	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , 2019 , 21, 1469-1472	12.3	9
79	Serum alarmin S100A8/S100A9 levels and its potential role as biomarker in myocarditis. <i>ESC Heart Failure</i> , 2020 , 7, 1442-1451	3.7	9
78	The Quest for Antiinflammatory and Immunomodulatory Strategies in Heart Failure. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 1198-1208	6.1	9

77	Attenuation of left ventricular dysfunction by an ACE inhibitor after myocardial infarction in a kininogen-deficient rat model. <i>Biological Chemistry</i> , 2008 , 389, 719-23	4.5	9
76	Management perspectives from the 2019 Wuhan international workshop on fulminant myocarditis. <i>International Journal of Cardiology</i> , 2021 , 324, 131-138	3.2	9
75	Cardiac migration of endogenous mesenchymal stromal cells in patients with inflammatory cardiomyopathy. <i>Mediators of Inflammation</i> , 2015 , 2015, 308185	4.3	8
74	Angiotensin AT2 receptor deficiency after myocardial infarction: its effects on cardiac function and fibrosis depend on the stimulus. <i>Cell Biochemistry and Biophysics</i> , 2005 , 43, 45-52	3.2	8
73	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021 , 117, 2148-2160	8.9	8
72	Development of a new mouse model for coxsackievirus-induced myocarditis by attenuating coxsackievirus B3 virulence in the pancreas. <i>Cardiovascular Research</i> , 2020 , 116, 1756-1766	9.9	8
71	Inhibition of coagulation factor Xa improves myocardial function during CVB3-induced myocarditis. <i>Cardiovascular Therapeutics</i> , 2014 , 32, 113-9	3.3	7
70	A P19 and P19CL6 cell-based complementary approach to determine paracrine effects in cardiac tissue engineering. <i>Cells Tissues Organs</i> , 2014 , 199, 24-36	2.1	7
69	The cardiovascular influence of interleukin-1 beta on the expression of bradykinin B1 and B2 receptors. <i>International Immunopharmacology</i> , 2008 , 8, 222-30	5.8	7
68	Epicardial Fat Expansion in Diabetic and Obese Patients With Heart Failure and Preserved Ejection Fraction: A Specific HFpEF Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 720690	5.4	7
67	Low permanent pacemaker rates following Lotus device implantation for transcatheter aortic valve replacement due to modified implantation protocol. <i>Cardiology Journal</i> , 2017 , 24, 250-258	1.4	7
66	Usefulness and clinical relevance of left ventricular global longitudinal systolic strain in patients with heart failure with preserved ejection fraction. <i>Heart Failure Reviews</i> , 2020 , 25, 67-73	5	7
65	Heart Failure Association, Heart Failure Society of America, and Japanese Heart Failure Society Position Statement on Endomyocardial Biopsy. <i>Journal of Cardiac Failure</i> , 2021 , 27, 727-743	3.3	7
64	Evaluation of 2 Existing Diagnostic Scores for Heart Failure With Preserved Ejection Fraction Against a Comprehensively Phenotyped Cohort. <i>Circulation</i> , 2021 , 143, 289-291	16.7	7
63	COVID-19-convalescence phase unmasks a silent myocardial infarction due to coronary plaque rupture. <i>ESC Heart Failure</i> , 2021 , 8, 971-973	3.7	7
62	Human Parvovirus B19 (B19V) Up-regulates CXCR4 Surface Expression of Circulating Angiogenic Cells: Implications for Cardiac Ischemia in B19V Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2018 , 217, 456-465	7	6
61	The atrial appendage as a suitable source to generate cardiac-derived adherent proliferating cells for regenerative cell-based therapies. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e1404-e1417	4.4	6
60	Renal expression of two rat kallikrein genes under diabetic conditions. <i>Journal of Hypertension</i> , 1997 , 15, 1711-4	1.9	6

59	Diastolic Heart Failure and LV Dyssynchrony. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 2539-2544	2.6	6
58	Clinical effects of cardiac contractility modulation in heart failure with mildly reduced systolic function. <i>ESC Heart Failure</i> , 2020 , 7, 3531	3.7	6
57	Early Treatment of Coxsackievirus B3-Infected Animals With Soluble Coxsackievirus-Adenovirus Receptor Inhibits Development of Chronic Coxsackievirus B3 Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2019 , 12, e005250	7.6	6
56	Bradykinin and cardiac protection. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 432, 159-72	3.6	6
55	Endomyocardial biopsy in Anderson-Fabry disease: The key in uncertain cases. <i>International Journal of Cardiology</i> , 2015 , 190, 284-6	3.2	5
54	Acute stimulation of the soluble guanylate cyclase does not impact on left ventricular capacitance in normal and hypertrophied porcine hearts in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H669-H680	5.2	5
53	Additional lack of iNOS attenuates diastolic dysfunction in aged ET-1 transgenic mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008 , 86, 353-7	2.4	5
52	Primary systemic sclerosis heart involvement: A systematic literature review and preliminary data-driven, consensus-based WSF/HFA definition.. <i>Journal of Scleroderma and Related Disorders</i> , 2022 , 7, 24-32	2.3	5
51	Potential usefulness and clinical relevance of a novel left atrial filling index to estimate left ventricular filling pressures in patients with preserved left ventricular ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 260-269	4.1	5
50	Modulation of the acute defence reaction by eplerenone prevents cardiac disease progression in viral myocarditis. <i>ESC Heart Failure</i> , 2020 , 7, 2838-2852	3.7	5
49	Sex differences in circulating proteins in heart failure with preserved ejection fraction. <i>Biology of Sex Differences</i> , 2020 , 11, 47	9.3	5
48	Diastolic heart failure and LV dyssynchrony. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 2539-44	2.6	5
47	Accurate assessment of LV function using the first automated 2D-border detection algorithm for small animals - evaluation and application to models of LV dysfunction. <i>Cardiovascular Ultrasound</i> , 2019 , 17, 7	2.4	4
46	Myocardial fibrosis as a matter of cell differentiation: opportunities for new antifibrotic strategies. <i>European Heart Journal</i> , 2019 , 40, 979-981	9.5	4
45	A Toolbox of Potential Immune-Related Therapies for Inflammatory Cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 75-87	3.3	4
44	Mechanobiological Principles Influence the Immune Response in Regeneration: Implications for Bone Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 614508	5.8	4
43	First in man evaluation of a novel circulatory support device: Early experience with the Impella 5.5 after CE mark approval in Germany. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 850-855	5.8	4
42	Correlation Between Thymus Radiology and Myasthenia Gravis in Clinical Practice. <i>Frontiers in Neurology</i> , 2018 , 9, 1173	4.1	3

41	Speckle-tracking echocardiography combined with imaging mass spectrometry assesses region-dependent alterations. <i>Scientific Reports</i> , 2020 , 10, 3629	4.9	3
40	Heart failure 2012. <i>Cardiology Research and Practice</i> , 2012 , 2012, 126324	1.9	3
39	Diastolic Heart Failure and LV Dyssynchrony. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 2539-2544	2.6	3
38	Proteomic Analysis Reveals Upregulation of ACE2 (Angiotensin-Converting Enzyme 2), the Putative SARS-CoV-2 Receptor in Pressure-but Not Volume-Overloaded Human Hearts. <i>Hypertension</i> , 2020 , 76, e41-e43	8.5	3
37	Benefit of a wearable cardioverter defibrillator for detection and therapy of arrhythmias in patients with myocarditis. <i>ESC Heart Failure</i> , 2021 , 8, 2428-2437	3.7	3
36	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	3
35	The non-invasive assessment of myocardial work by pressure-strain analysis: clinical applications. <i>Heart Failure Reviews</i> , 2021 , 1	5	3
34	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021 , 8, 1924-1932	3.7	3
33	Propensity score-based analysis of 30-day survival in cardiogenic shock patients supported with different microaxial left ventricular assist devices. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4141-4152	1.3	3
32	QRS fragmentation as a possible electrocardiographic diagnostic marker in patients with acute myocarditis: preliminary histopathological validation. <i>ESC Heart Failure</i> , 2020 , 7, 2527-2533	3.7	2
31	Diuretic dosing in heart failure: more data are needed. <i>ESC Heart Failure</i> , 2018 , 5, 649-650	3.7	2
30	The CardioMEMS system in the clinical management of end-stage heart failure patients: three case reports. <i>BMC Cardiovascular Disorders</i> , 2018 , 18, 155	2.3	2
29	Epicardial Fat Expansion in Diabetic and Obese Patients With Heart Failure and Preserved Ejection Fraction-A Specific HFpEF Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 720690	5.4	2
28	Pro-Angiogenic Effect of Endomyocardial Biopsy-Derived Cells for Cardiac Regeneration. <i>Current Tissue Engineering</i> , 2013 , 2, 154-159		2
27	Case Report First-in-Man Method Description: Left Ventricular Unloading With iVAC2L During Venous-Arterial Extracorporeal Membrane Oxygenation: From Venous-Arterial Extracorporeal Membrane Oxygenation to ECMELLA to EC-iVAC. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 563448	5.4	2
26	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2021 , 10, e014059	6	2
25	First-line treatment of hypertension: critical appraisal of potential role of aliskiren and hydrochlorothiazide in a fixed combination. <i>Integrated Blood Pressure Control</i> , 2010 , 3, 163-70	3.5	1
24	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. <i>Scientific Reports</i> , 2021 , 11, 23555	4.9	1

23	Same same, but different? The neurological presentation of wildtype transthyretin (ATTRwt) amyloidosis.. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2022 , 1-10	2.7	1
22	Patient with heart failure: importance to treat valvular diseases. <i>European Heart Journal Supplements</i> , 2020 , 22, P38-P41	1.5	1
21	Wearable cardioverter-defibrillator: friend or foe in suspected myocarditis?. <i>ESC Heart Failure</i> , 2021 , 8, 2591-2596	3.7	1
20	Reversible transition from a hypertrophic to a dilated cardiomyopathy. <i>ESC Heart Failure</i> , 2016 , 3, 138-142	3.7	1
19	Adenosine stress perfusion cardiac magnetic resonance imaging in patients undergoing intracoronary bone marrow cell transfer after ST-elevation myocardial infarction: the BOOST-2 perfusion substudy. <i>Clinical Research in Cardiology</i> , 2020 , 109, 539-548	6.1	1
18	MALDI-IMS as a Tool to Determine the Myocardial Response to Syndecan-2-Selected Mesenchymal Stromal Cell Application in an Experimental Model of Diabetic Cardiomyopathy. <i>Proteomics - Clinical Applications</i> , 2021 , 15, e2000050	3.1	1
17	An optimized imaging protocol for [Tc]Tc-DPD scintigraphy and SPECT/CT quantification in cardiac transthyretin (ATTR) amyloidosis. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	1
16	A Patient with Quadricuspid Aortic Valve and Ischemic Stroke. <i>Journal of Heart Valve Disease</i> , 2016 , 25, 456-458		1
15	Colchicine prevents disease progression in viral myocarditis via modulating the NLRP3 inflammasome in the cardiosplenic axis.. <i>ESC Heart Failure</i> , 2022 ,	3.7	1
14	Myocardial Fibrosis Due to Exorbitant Exercise or Just Undetected Post-Inflammatory Stages?. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 381-382	8.4	0
13	Stabilin-1 mediates beneficial monocyte recruitment and tolerogenic macrophage programming during CVB3-induced viral myocarditis.. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 165, 31-39	5.8	0
12	Impact of Syndecan-2-Selected Mesenchymal Stromal Cells on the Early Onset of Diabetic Cardiomyopathy in Diabetic db/db Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 632728	5.4	0
11	Being in Two Minds-The Challenge of Heart Failure with Preserved Ejection Fraction Diagnosis with a Single Biomarker. <i>Clinical Chemistry</i> , 2021 , 67, 46-49	5.5	0
10	The "TIDE"-Algorithm for the Weaning of Patients With Cardiogenic Shock and Temporarily Mechanical Left Ventricular Support With Impella Devices. A Cardiovascular Physiology-Based Approach. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 563484	5.4	0
9	CMR findings after COVID-19 and after COVID-19-vaccinationSame but different?. <i>International Journal of Cardiovascular Imaging</i> ,1		0
8	CMR Assessment of Myocyte Disarray in HCM: Matching Another Piece in the Puzzle. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1847-1848	15.1	
7	Entzündliche Herzmuskelerkrankung als Ursache einer Herzinsuffizienz. <i>Kardiologie Up2date</i> , 2015 , 11, 25-39	0	
6	Complexity of pathomechanisms leading to diastolic heart failure in diabetes mellitus - potential field for therapeutic interventions?. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 253	2.3	

5 TandemHeart pLVAD **2020**, 85-94

4 Antiviral Therapies: A Critical Reappraisal **2020**, 297-316

3 Aging and Diastolic Dysfunction: The Interplay of Inflammation and Extracellular Matrix Regulation **2014**, 183-198

2 Reply to Heart failure with preserved ejection fraction and COVID-19: which comes first, the chicken or the egg? *European Journal of Heart Failure*, **2021**, 12.3

1 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. *Frontiers in Immunology*, **2020**, 11, 575635 8.4