

P Christian Schulze

List of Publications by Year in descending order

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Version: 2024-02-01

401
papers

28,194
citations

10389

72
h-index

7160

153
g-index

432
all docs

432
docs citations

432
times ranked

33499
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2021, 42, 3599-3726.	2.2	5,558
2	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. <i>Nature</i> , 2011, 476, 214-219.	27.8	2,400
3	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
4	Lamin A/C deficiency causes defective nuclear mechanics and mechanotransduction. <i>Journal of Clinical Investigation</i> , 2004, 113, 370-378.	8.2	828
5	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Journal of Heart Failure</i> , 2022, 24, 4-131.	7.1	820
6	Lamin A/C deficiency causes defective nuclear mechanics and mechanotransduction. <i>Journal of Clinical Investigation</i> , 2004, 113, 370-378.	8.2	522
7	Efficacy of telemedical interventional management in patients with heart failure (TIM-HF2): a randomised, controlled, parallel-group, unmasked trial. <i>Lancet</i> , The, 2018, 392, 1047-1057.	13.7	467
8	Ascorbic Acid Enhances Differentiation of Embryonic Stem Cells Into Cardiac Myocytes. <i>Circulation</i> , 2003, 107, 1912-1916.	1.6	447
9	TXNIP Regulates Peripheral Glucose Metabolism in Humans. <i>PLoS Medicine</i> , 2007, 4, e158.	8.4	435
10	Lipid Metabolism and Toxicity in the Heart. <i>Cell Metabolism</i> , 2012, 15, 805-812.	16.2	432
11	Catabolic Defect of Branched-Chain Amino Acids Promotes Heart Failure. <i>Circulation</i> , 2016, 133, 2038-2049.	1.6	390
12	Impella Support for Acute Myocardial Infarction Complicated by Cardiogenic Shock. <i>Circulation</i> , 2019, 139, 1249-1258.	1.6	353
13	The SGLT2 inhibitor empagliflozin in patients hospitalized for acute heart failure: a multinational randomized trial. <i>Nature Medicine</i> , 2022, 28, 568-574.	30.7	341
14	Abnormal nuclear shape and impaired mechanotransduction in emerin-deficient cells. <i>Journal of Cell Biology</i> , 2005, 170, 781-791.	5.2	323
15	Hyperglycemia Promotes Oxidative Stress through Inhibition of Thioredoxin Function by Thioredoxin-interacting Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 30369-30374.	3.4	319
16	Antioxidative Effects of Exercise Training in Patients With Chronic Heart Failure. <i>Circulation</i> , 2005, 111, 1763-1770.	1.6	271
17	Left Ventricular Unloading Is Associated With Lower Mortality in Patients With Cardiogenic Shock Treated With Venoarterial Extracorporeal Membrane Oxygenation. <i>Circulation</i> , 2020, 142, 2095-2106.	1.6	269
18	Antigen-Specific Tolerance by Autologous Myelin Peptide-â€œCoupled Cells: A Phase 1 Trial in Multiple Sclerosis. <i>Science Translational Medicine</i> , 2013, 5, 188ra75.	12.4	262

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19	Impact of treatment delay on mortality in ST-segment elevation myocardial infarction (STEMI) patients presenting with and without haemodynamic instability: results from the German prospective, multicentre FITT-STEMI trial. <i>European Heart Journal</i> , 2018, 39, 1065-1074.	2.2	262
20	Ventricular Assist Device Implantation Corrects Myocardial Lipotoxicity, Reverses Insulin Resistance, and Normalizes Cardiac Metabolism in Patients With Advanced Heart Failure. <i>Circulation</i> , 2012, 125, 2844-2853.	1.6	232
21	Lipid Use and Misuse by the Heart. <i>Circulation Research</i> , 2016, 118, 1736-1751.	4.5	227
22	The giant extracellular matrix-binding protein of <i>Staphylococcus epidermidis</i> mediates biofilm accumulation and attachment to fibronectin. <i>Molecular Microbiology</i> , 2010, 75, 187-207.	2.5	212
23	Comparative RNA-sequencing analysis of myocardial and circulating small RNAs in human heart failure and their utility as biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11151-11156.	7.1	207
24	Expression of the Irisin Precursor FNDC5 in Skeletal Muscle Correlates With Aerobic Exercise Performance in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2012, 5, 812-818.	3.9	170
25	Cardiac Lipotoxicity: Molecular Pathways and Therapeutic Implications. <i>Current Heart Failure Reports</i> , 2013, 10, 109-121.	3.3	165
26	Mode analysis with a spatial light modulator as a correlation filter. <i>Optics Letters</i> , 2012, 37, 2478.	3.3	156
27	Reduced Handgrip Strength as a Marker of Frailty Predicts Clinical Outcomes in Patients With Heart Failure Undergoing Ventricular Assist Device Placement. <i>Journal of Cardiac Failure</i> , 2014, 20, 310-315.	1.7	155
28	Liver dysfunction as a predictor of outcomes in patients with advanced heart failure requiring ventricular assist device support: Use of the Model of End-stage Liver Disease (MELD) and MELD eXcluding INR (MELD-XI) scoring system. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 601-610.	0.6	154
29	Elevated serum levels of leptin and soluble leptin receptor in patients with advanced chronic heart failure. <i>European Journal of Heart Failure</i> , 2003, 5, 33-40.	7.1	153
30	Hepatic dysfunction and survival after orthotopic heart transplantation: Application of the MELD scoring system for outcome prediction. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 591-600.	0.6	150
31	Not All Fun and Games: Viral Marketing for Utilitarian Products. <i>Journal of Marketing</i> , 2014, 78, 1-19.	11.3	148
32	Lipotoxic very-long-chain ceramides cause mitochondrial dysfunction, oxidative stress, and cell death in cardiomyocytes. <i>FASEB Journal</i> , 2018, 32, 1403-1416.	0.5	147
33	Hepatic Dysfunction in Ambulatory Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2253-2261.	2.8	145
34	Vitamin D 3 Upregulated Protein-1 (VDUP-1) Regulates Redox-Dependent Vascular Smooth Muscle Cell Proliferation Through Interaction With Thioredoxin. <i>Circulation Research</i> , 2002, 91, 689-695.	4.5	136
35	Effects of Continuous-Flow Versus Pulsatile-Flow Left Ventricular Assist Devices on Myocardial Unloading and Remodeling. <i>Circulation: Heart Failure</i> , 2011, 4, 546-553.	3.9	129
36	Peroxisome Proliferator-Activated Receptor- β Activation Prevents Sepsis-Related Cardiac Dysfunction and Mortality In Mice. <i>Circulation: Heart Failure</i> , 2013, 6, 550-562.	3.9	128

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37	Reduction of insulin-like growth factor-I expression in the skeletal muscle of noncachectic patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1175-1181.	2.8	125
38	Pre-operative and post-operative risk factors associated with neurologic complications in patients with advanced heart failure supported by a left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1-8.	0.6	124
39	MicroRNA-195 Regulates Metabolism in Failing Myocardium Via Alterations in Sirtuin 3 Expression and Mitochondrial Protein Acetylation. <i>Circulation</i> , 2018, 137, 2052-2067.	1.6	124
40	Nutrition, Obesity, and Cachexia in Patients With Heart Failure: A Consensus Statement from the Heart Failure Society of America Scientific Statements Committee. <i>Journal of Cardiac Failure</i> , 2019, 25, 380-400.	1.7	122
41	Transgenic Overexpression of Locally Acting Insulin-Like Growth Factor-1 Inhibits Ubiquitin-Mediated Muscle Atrophy in Chronic Left-Ventricular Dysfunction. <i>Circulation Research</i> , 2005, 97, 418-426.	4.5	116
42	On the mechanism of Fe ⁺ -induced hydrogen migrations in gaseous octyne/iron(I) complexes. <i>Journal of the American Chemical Society</i> , 1987, 109, 2368-2374.	13.7	106
43	Measurement of the orbital angular momentum density of light by modal decomposition. <i>New Journal of Physics</i> , 2013, 15, 073025.	2.9	105
44	Kruppel-like factor 4 is critical for transcriptional control of cardiac mitochondrial homeostasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 3461-3476.	8.2	104
45	Dual Roles of the Transcription Factor Grainyhead-like 2 (GRHL2) in Breast Cancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 22993-23008.	3.4	103
46	Prognostic relevance of serum lactate kinetics in critically ill patients. <i>Intensive Care Medicine</i> , 2019, 45, 55-61.	8.2	103
47	Kruppel-like Factor 15 Is a Critical Regulator of Cardiac Lipid Metabolism. <i>Journal of Biological Chemistry</i> , 2014, 289, 5914-5924.	3.4	101
48	Thioredoxin-Interacting Protein Controls Cardiac Hypertrophy Through Regulation of Thioredoxin Activity. <i>Circulation</i> , 2004, 109, 2581-2586.	1.6	99
49	Targeted Deletion of Thioredoxin-Interacting Protein Regulates Cardiac Dysfunction in Response to Pressure Overload. <i>Circulation Research</i> , 2007, 101, 1328-1338.	4.5	96
50	Usefulness of Two-Dimensional Echocardiographic Parameters of the Left Side of the Heart to Predict Right Ventricular Failure After Left Ventricular Assist Device Implantation. <i>American Journal of Cardiology</i> , 2012, 109, 246-251.	1.6	96
51	Linking Customer and Financial Metrics to Shareholder Value: The Leverage Effect in Customer-Based Valuation. <i>Journal of Marketing</i> , 2012, 76, 17-32.	11.3	95
52	Implications of chronic heart failure on peripheral vasculature and skeletal muscle before and after exercise training. <i>Heart Failure Reviews</i> , 2008, 13, 21-37.	3.9	92
53	Wavefront reconstruction by modal decomposition. <i>Optics Express</i> , 2012, 20, 19714.	3.4	90
54	Serial Echocardiography Using Tissue Doppler and Speckle Tracking Imaging to Monitor Right Ventricular Failure Before and After Left Ventricular Assist Device Surgery. <i>JACC: Heart Failure</i> , 2013, 1, 216-222.	4.1	90

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55	Effects of exercise training on insulin-like growth factor-I expression in the skeletal muscle of non-cachectic patients with chronic heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 401-406.	2.8	89
56	PET Imaging May Provide a Novel Biomarker and Understanding of Right Ventricular Dysfunction in Patients With Idiopathic Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 641-647.	2.6	89
57	Inhibition of c-Jun-N-terminal Kinase Increases Cardiac Peroxisome Proliferator-activated Receptor $\hat{\pm}$ Expression and Fatty Acid Oxidation and Prevents Lipopolysaccharide-induced Heart Dysfunction. <i>Journal of Biological Chemistry</i> , 2011, 286, 36331-36339.	3.4	88
58	Lamina-Associated Polypeptide-1 Interacts with the Muscular Dystrophy Protein Emerin and Is Essential for Skeletal Muscle Maintenance. <i>Developmental Cell</i> , 2013, 26, 591-603.	7.0	88
59	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.	2.7	88
60	Increased de novo ceramide synthesis and accumulation in failing myocardium. <i>JCI Insight</i> , 2017, 2, .	5.0	88
61	Polysialic acid glycomimetics promote myelination and functional recovery after peripheral nerve injury in mice. <i>Brain</i> , 2009, 132, 1449-1462.	7.6	87
62	All-Digital Holographic Tool for Mode Excitation and Analysis in Optical Fibers. <i>Journal of Lightwave Technology</i> , 2013, 31, 1023-1032.	4.6	87
63	Mode resolved bend loss in few-mode optical fibers. <i>Optics Express</i> , 2013, 21, 3170.	3.4	87
64	Adipose Tissue Inflammation and Adiponectin Resistance in Patients With Advanced Heart Failure. <i>Circulation: Heart Failure</i> , 2012, 5, 340-348.	3.9	86
65	Oxidative stress and atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2005, 7, 242-248.	4.8	83
66	Comparative analysis of numerical methods for the mode analysis of laser beams. <i>Applied Optics</i> , 2013, 52, 7769.	1.8	83
67	Blood-based microRNA signatures differentiate various forms of cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2015, 196, 115-122.	1.7	83
68	Muscular levels of proinflammatory cytokines correlate with a reduced expression of insulinlike growth factor-I in chronic heart failure. <i>Basic Research in Cardiology</i> , 2003, 98, 267-274.	5.9	81
69	Accelerated rotation with orbital angular momentum modes. <i>Physical Review A</i> , 2015, 91, .	2.5	81
70	Blood Urea Nitrogen (BUN) is independently associated with mortality in critically ill patients admitted to ICU. <i>PLoS ONE</i> , 2018, 13, e0191697.	2.5	81
71	Beam-quality measurements using a spatial light modulator. <i>Optics Letters</i> , 2012, 37, 4687.	3.3	78
72	Increased de novo ceramide synthesis and accumulation in failing myocardium. <i>JCI Insight</i> , 2017, 2, .	5.0	78

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73	Chronic heart failure and skeletal muscle catabolism: effects of exercise training. <i>International Journal of Cardiology</i> , 2002, 85, 141-149.	1.7	77
74	Regional Differences in Recipient Waitlist Time and Pre- and Post-Transplant Mortality After the 2006 United Network for Organ Sharing Policy Changes in the Donor Heart Allocation Algorithm. <i>JACC: Heart Failure</i> , 2014, 2, 166-177.	4.1	77
75	Palmitic Acid and DGAT1 Deficiency Enhance Osteoclastogenesis, while Oleic Acid-Induced Triglyceride Formation Prevents It. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1183-1195.	2.8	76
76	Short DNA sequences inserted for gene targeting can accidentally interfere with off-target gene expression. <i>FASEB Journal</i> , 2010, 24, 1714-1724.	0.5	74
77	Fast M^2 measurement for fiber beams based on modal analysis. <i>Applied Optics</i> , 2012, 51, 987.	1.8	74
78	Real-time determination of laser beam quality by modal decomposition. <i>Optics Express</i> , 2011, 19, 6741.	3.4	73
79	Nitric Oxide-Dependent Suppression of Thioredoxin-Interacting Protein Expression Enhances Thioredoxin Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2666-2672.	2.4	72
80	Stiffening of Human Skin Fibroblasts with Age. <i>Biophysical Journal</i> , 2010, 99, 2434-2442.	0.5	72
81	Metabolic and structural impairment of skeletal muscle in heart failure. <i>Heart Failure Reviews</i> , 2013, 18, 623-630.	3.9	71
82	Epicardial Fat Volume in Patients With Left Ventricular Systolic Dysfunction. <i>American Journal of Cardiology</i> , 2011, 108, 397-401.	1.6	68
83	Improving exercise capacity and quality of life using non-invasive heart failure treatments: evidence from clinical trials. <i>European Journal of Heart Failure</i> , 2021, 23, 92-113.	7.1	67
84	Serum exosomal protein profiling for the non-invasive detection of cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 409-417.	0.6	66
85	Episodes of Acute Heart Failure Syndrome Are Associated With Increased Levels of Troponin and Extracellular Matrix Markers. <i>Circulation: Heart Failure</i> , 2010, 3, 44-50.	3.9	64
86	Learning automatic concept detectors from online video. <i>Computer Vision and Image Understanding</i> , 2010, 114, 429-438.	4.7	62
87	Functional Role of the Interaction between Polysialic Acid and Extracellular Histone H1. <i>Journal of Neuroscience</i> , 2010, 30, 12400-12413.	3.6	62
88	New product adoption in social networks: Why direction matters. <i>Journal of Business Research</i> , 2014, 67, 2836-2844.	10.2	62
89	Iron deficiency in patients with heart failure with preserved ejection fraction and its association with reduced exercise capacity, muscle strength and quality of life. <i>Clinical Research in Cardiology</i> , 2019, 108, 203-211.	3.3	62
90	Impact of COVID-19 outbreak on regional STEMI care in Germany. <i>Clinical Research in Cardiology</i> , 2020, 109, 1511-1521.	3.3	60

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91	COVID-19 among heart transplant recipients in Germany: a multicenter survey. <i>Clinical Research in Cardiology</i> , 2020, 109, 1531-1539.	3.3	60
92	NCAM-Induced Neurite Outgrowth Depends on Binding of Calmodulin to NCAM and on Nuclear Import of NCAM and fak Fragments. <i>Journal of Neuroscience</i> , 2010, 30, 10784-10798.	3.6	59
93	Pre-operative echocardiographic features associated with persistent mitral regurgitation after left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 897-904.	0.6	57
94	Evaluation of aggregate resistance to wear with Micro-Deval test in combination with aggregate imaging techniques. <i>Wear</i> , 2015, 338-339, 288-296.	3.1	57
95	Loss of Secreted Frizzled-Related Protein-1 Leads to Deterioration of Cardiac Function in Mice and Plays a Role in Human Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2015, 8, 362-372.	3.9	57
96	Preservation of Acyl Coenzyme A Attenuates Pathological and Metabolic Cardiac Remodeling Through Selective Lipid Trafficking. <i>Circulation</i> , 2019, 139, 2765-2777.	1.6	57
97	Leptin as a new diagnostic tool in chronic heart failure. <i>Clinica Chimica Acta</i> , 2005, 362, 1-11.	1.1	56
98	Cardiac Transplantation in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2012, 110, 568-574.	1.6	56
99	Multibiomarker analysis in patients with acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2017, 47, 638-648.	3.4	56
100	Dual PPAR α / β activation inhibits SIRT1-PGC1 α axis and causes cardiac dysfunction. <i>JCI Insight</i> , 2019, 4, .	5.0	56
101	Fatty Acid Synthase Modulates Homeostatic Responses to Myocardial Stress. <i>Journal of Biological Chemistry</i> , 2011, 286, 30949-30961.	3.4	55
102	Combination of liver biopsy with MELD-XI scores for post-transplant outcome prediction in patients with advanced heart failure and suspected liver dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 873-882.	0.6	55
103	Re-balancing cellular energy substrate metabolism to mend the failing heart. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165579.	3.8	55
104	Measuring the spatial polarization distribution of multimode beams emerging from passive step-index large-mode-area fibers. <i>Optics Letters</i> , 2010, 35, 3429.	3.3	53
105	The Lactate/Albumin Ratio: A Valuable Tool for Risk Stratification in Septic Patients Admitted to ICU. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1893.	4.1	53
106	Impact of long term left ventricular assist device therapy on donor allocation in cardiac transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 188-195.	0.6	52
107	Microscopic and macroscopic simulation of competition between languages. <i>Physics of Life Reviews</i> , 2005, 2, 89-116.	2.8	50
108	Reaction of nitriles and iron(1+) in the gas phase. A case of remote functionalization. <i>Journal of the American Chemical Society</i> , 1987, 109, 98-100.	13.7	49

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109	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	2.2	49
110	Oxidative stress and thioredoxin-interacting protein promote intravasation of melanoma cells. <i>Experimental Cell Research</i> , 2004, 300, 297-307.	2.6	48
111	Modal decomposition without a priori scale information. <i>Optics Express</i> , 2012, 20, 27866.	3.4	48
112	Myocardial lipid accumulation and lipotoxicity in heart failure. <i>Journal of Lipid Research</i> , 2009, 50, 2137-2138.	4.2	47
113	Attenuation of the unfolded protein response and endoplasmic reticulum stress after mechanical unloading in dilated cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H459-H470.	3.2	47
114	ADVERTISING IN THE SZNAJD MARKETING MODEL. <i>International Journal of Modern Physics C</i> , 2003, 14, 95-98.	1.7	44
115	Outcome of patients with cardiac sarcoidosis undergoing cardiac transplantation—Single-center retrospective analysis. <i>Journal of Cardiology</i> , 2012, 60, 407-410.	1.9	43
116	Relation of Preoperative Serum Albumin Levels to Survival in Patients Undergoing Left Ventricular Assist Device Implantation. <i>American Journal of Cardiology</i> , 2013, 112, 1484-1488.	1.6	43
117	Risk stratification of ambulatory patients with advanced heart failure undergoing evaluation for heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 333-340.	0.6	43
118	A comparative analysis of novel cardiovascular biomarkers in patients with chronic heart failure. <i>European Journal of Internal Medicine</i> , 2017, 44, 31-38.	2.2	42
119	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. <i>PLoS Genetics</i> , 2018, 14, e1007171.	3.5	42
120	Nuclear factor- κ B activation in skeletal muscle of patients with chronic heart failure: correlation with the expression of inducible nitric oxide synthase. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2003, 10, 273-277.	2.8	42
121	Identification of the Major Hepatic DNA Adduct Formed by the Food Mutagen 2-Amino-9H-pyrido[2,3-b]indole (A \pm C). <i>Chemical Research in Toxicology</i> , 1997, 10, 1192-1197.	3.3	41
122	MONTE CARLO SIMULATION OF THE RISE AND THE FALL OF LANGUAGES. <i>International Journal of Modern Physics C</i> , 2005, 16, 781-787.	1.7	41
123	Extracellular GAPDH binds to L1 and enhances neurite outgrowth. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 206-218.	2.2	41
124	Transcatheter aortic valve replacement for pure aortic valve regurgitation: on-label versus off-label use of TAVR devices. <i>Clinical Research in Cardiology</i> , 2019, 108, 921-930.	3.3	41
125	The MOGE(S) classification for cardiomyopathies: current status and future outlook. <i>Heart Failure Reviews</i> , 2017, 22, 743-752.	3.9	40
126	The role of ceramide accumulation in human induced pluripotent stem cell-derived cardiomyocytes on mitochondrial oxidative stress and mitophagy. <i>Free Radical Biology and Medicine</i> , 2021, 167, 66-80.	2.9	40

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127	Diacylglycerol acyl transferase 1 overexpression detoxifies cardiac lipids in PPAR α transgenic mice. <i>Journal of Lipid Research</i> , 2012, 53, 1482-1492.	4.2	39
128	Myocardial Strain and Cardiac Output are Preferable Measurements for Cardiac Dysfunction and Can Predict Mortality in Septic Mice. <i>Journal of the American Heart Association</i> , 2019, 8, e012260.	3.7	39
129	Stiffening of Human Skin Fibroblasts with Age. <i>Clinics in Plastic Surgery</i> , 2012, 39, 9-20.	1.5	38
130	Gene expression analysis of nuclear factor I-A deficient mice indicates delayed brain maturation. <i>Genome Biology</i> , 2007, 8, R72.	9.6	37
131	Data modeling for Precision Dairy Farming within the competitive field of operational and analytical tasks. <i>Computers and Electronics in Agriculture</i> , 2007, 59, 39-55.	7.7	37
132	Dynamics in Insulin Resistance and Plasma Levels of Adipokines in Patients With Acute Decompensated and Chronic Stable Heart Failure. <i>Journal of Cardiac Failure</i> , 2011, 17, 1004-1011.	1.7	37
133	Chronic ethanol consumption increases cardiomyocyte fatty acid uptake and decreases ventricular contractile function in C57BL/6J mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 59, 30-40.	1.9	36
134	Ventricular assist device elicits serum natural IgG that correlates with the development of primary graft dysfunction following heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 862-870.	0.6	36
135	Biomechanically Induced Gene <i>l</i> ex-1 Inhibits Vascular Smooth Muscle Cell Proliferation and Neointima Formation. <i>Circulation Research</i> , 2003, 93, 1210-1217.	4.5	35
136	Preoperative Serum Albumin Levels Predict 1-Year Postoperative Survival of Patients Undergoing Heart Transplantation. <i>Circulation: Heart Failure</i> , 2013, 6, 785-791.	3.9	35
137	Relationship of Bone Metabolism Biomarkers and Periodontal Disease: The Osteoporotic Fractures in Men (MrOS) Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2425-2433.	3.6	35
138	Functional and morphological skeletal muscle abnormalities correlate with reduced electromyographic activity in chronic heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2004, 11, 155-161.	2.8	34
139	Right ventricular stroke work index as a negative predictor of mortality and initial hospital stay after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 603-608.	0.6	34
140	Virtual and Augmented Reality in Cardiovascular Care. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 519-532.	5.3	34
141	Neutrophil gelatinase-associated lipocalin and cystatin C for the prediction of clinical events in patients with advanced heart failure and after ventricular assist device placement. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1215-1222.	0.6	33
142	Manganese(I)-induced 1,6-demethanation across the carbon-carbon triple bond of linear alkynes in the gas phase. A case for the generation of manganese cycloalkynes?. <i>Journal of the American Chemical Society</i> , 1988, 110, 67-70.	18.7	32
143	Asymmetric Pattern of Cerebrovascular Lesions in Patients After Left Ventricular Assist Device Implantation. <i>Stroke</i> , 2012, 43, 872-874.	2.0	32
144	Vena contracta area for severity grading in functional and degenerative mitral regurgitation: a transoesophageal 3D colour Doppler analysis in 500 patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 639-646.	1.2	32

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145	Engineering-Specific Pharmacological Binding Sites for Peptidyl Inhibitors of Potassium Channels into KcsA. <i>Biochemistry</i> , 2002, 41, 15369-15375.	2.5	31
146	Supplementation of L-Alanyl-L-Glutamine and Fish Oil Improves Body Composition and Quality of Life in Patients With Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 1077-1087.	3.9	31
147	Phytosterols and Cardiovascular Disease. <i>Current Atherosclerosis Reports</i> , 2021, 23, 68.	4.8	31
148	POTTS-LIKE MODEL FOR GHETTO FORMATION IN MULTI-CULTURAL SOCIETIES. <i>International Journal of Modern Physics C</i> , 2005, 16, 351-355.	1.7	30
149	Insulin-like growth factor-1 and muscle wasting in chronic heart failure. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2023-2035.	2.8	30
150	Exercise as a Nonpharmacologic Intervention in Patients with Heart Failure. <i>Physician and Sportsmedicine</i> , 2011, 39, 37-43.	2.1	30
151	Value of Peak Exercise Oxygen Consumption Combined With B-type Natriuretic Peptide Levels for Optimal Timing of Cardiac Transplantation. <i>Circulation: Heart Failure</i> , 2013, 6, 6-14.	3.9	30
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