Wh Wilson Tang

List of Publications by Year
in descending order

729 papers	69,186 citations	1536 106 h-index	893 242 g-index
872 all docs	872 docs citations	872 times ranked	57990 citing authors

#	Article	IF	Citations
1	2013 ACCF/AHA Guideline for the Management of HeartÂFailure. Journal of the American College of Cardiology, 2013, 62, e147-e239.	2.8	7,017
2	Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease. Nature, 2011, 472, 57-63.	27.8	4,238
3	Intestinal microbiota metabolism of l-carnitine, a nutrient in red meat, promotes atherosclerosis. Nature Medicine, 2013, 19, 576-585.	30.7	3,355
4	2013 ACCF/AHA Guideline for the Management of Heart Failure: Executive Summary. Circulation, 2013, 128, 1810-1852.	1.6	2,807
5	Intestinal Microbial Metabolism of Phosphatidylcholine and Cardiovascular Risk. New England Journal of Medicine, 2013, 368, 1575-1584.	27.0	2,537
6	2013 ACCF/AHA Guideline for the Management of Heart Failure. Circulation, 2013, 128, e240-327.	1.6	2,335
7	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338.	21.4	1,685
8	Gut Microbial Metabolite TMAO Enhances Platelet Hyperreactivity and Thrombosis Risk. Cell, 2016, 165, 111-124.	28.9	1,358
9	Importance of Venous Congestion for Worsening of Renal Function in Advanced Decompensated Heart Failure. Journal of the American College of Cardiology, 2009, 53, 589-596.	2.8	1,313
10	HFSA 2010 Comprehensive Heart Failure Practice Guideline. Journal of Cardiac Failure, 2010, 16, e1-e2.	1.7	1,086
11	Gut Microbiota in Cardiovascular Health and Disease. Circulation Research, 2017, 120, 1183-1196.	4.5	1,079
12	Gut Microbiota-Dependent Trimethylamine N -Oxide (TMAO) Pathway Contributes to Both Development of Renal Insufficiency and Mortality Risk in Chronic Kidney Disease. Circulation Research, 2015, 116, 448-455.	4.5	898
13	Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific Statement From the American Heart Association. Circulation, 2019, 139, e840-e878.	1.6	619
14	The use of diuretics in heart failure with congestion â€" a position statement from the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2019, 21, 137-155.	7.1	605
15	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	27.8	581
16	Prognostic Value of Elevated Levels of Intestinal Microbe-Generated Metabolite Trimethylamine-N-Oxide in Patients With Heart Failure. Journal of the American College of Cardiology, 2014, 64, 1908-1914.	2.8	533
17	The contributory role of gut microbiota in cardiovascular disease. Journal of Clinical Investigation, 2014, 124, 4204-4211.	8.2	519
18	Prognostic value of choline and betaine depends on intestinal microbiota-generated metabolite trimethylamine-N-oxide. European Heart Journal, 2014, 35, 904-910.	2.2	463

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19	Isosorbide Mononitrate in Heart Failure with Preserved Ejection Fraction. New England Journal of Medicine, 2015, 373, 2314-2324.	27.0	453
20	Dietary metabolism, the gut microbiome, and heart failure. Nature Reviews Cardiology, 2019, 16, 137-154.	13.7	449
21	Insights From a Cardiac Resynchronization Optimization Clinic as Part of a Heart Failure Disease Management Program. Journal of the American College of Cardiology, 2009, 53, 765-773.	2.8	424
22	Î³-Butyrobetaine Is a Proatherogenic Intermediate in Gut Microbial Metabolism of L-Carnitine to TMAO. Cell Metabolism, 2014, 20, 799-812.	16.2	416
23	Diabetic Cardiomyopathy: Insights into Pathogenesis, Diagnostic Challenges, and Therapeutic Options. American Journal of Medicine, 2008, 121, 748-757.	1.5	411
24	Low-Dose Dopamine or Low-Dose Nesiritide in Acute Heart Failure With Renal Dysfunction. JAMA - Journal of the American Medical Association, 2013, 310, 2533.	7.4	410
25	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	27.8	401
26	A Cardiovascular Disease-Linked Gut Microbial Metabolite Acts via Adrenergic Receptors. Cell, 2020, 180, 862-877.e22.	28.9	397
27	Initial Assessment, Surveillance, and Management of Blood Pressure in Patients Receiving Vascular Endothelial Growth Factor Signaling Pathway Inhibitors. Journal of the National Cancer Institute, 2010, 102, 596-604.	6.3	381
28	Elevated Intra-Abdominal Pressure in Acute Decompensated Heart Failure. Journal of the American College of Cardiology, 2008, 51, 300-306.	2.8	374
29	Cardiac troponins in renal insufficiency. Journal of the American College of Cardiology, 2002, 40, 2065-2071.	2.8	353
30	Effect of Oral Iron Repletion on Exercise Capacity in Patients With Heart Failure With Reduced Ejection Fraction and Iron Deficiency. JAMA - Journal of the American Medical Association, 2017, 317, 1958.	7.4	329
31	Abdominal Contributions to Cardiorenal Dysfunction in Congestive Heart Failure. Journal of the American College of Cardiology, 2013, 62, 485-495.	2.8	322
32	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	27.8	320
33	High-Sensitivity ST2 for Prediction of Adverse Outcomes in Chronic Heart Failure. Circulation: Heart Failure, 2011, 4, 180-187.	3.9	319
34	Gut microbiota-dependent trimethylamine N-oxide in acute coronary syndromes: a prognostic marker for incident cardiovascular events beyond traditional risk factors. European Heart Journal, 2017, 38, ehw582.	2.2	317
35	An abundant dysfunctional apolipoprotein A1 in human atheroma. Nature Medicine, 2014, 20, 193-203.	30.7	316
36	Intestinal Microbiota in Cardiovascular Health and Disease. Journal of the American College of Cardiology, 2019, 73, 2089-2105.	2.8	301

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37	Impact of chronic dietary red meat, white meat, or non-meat protein on trimethylamine N-oxide metabolism and renal excretion in healthy men and women. European Heart Journal, 2019, 40, 583-594.	2.2	297
38	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	21.4	294
39	Genome-Wide Association Study of Coronary Heart Disease and Its Risk Factors in 8,090 African Americans: The NHLBI CARe Project. PLoS Genetics, 2011, 7, e1001300.	3.5	290
40	2013 ACCF/AHA Guideline for the Management ofÂHeartÂFailure: Executive Summary. Journal of the American College of Cardiology, 2013, 62, 1495-1539.	2.8	276
41	Intestinal Microbiota-Dependent Phosphatidylcholine Metabolites, Diastolic Dysfunction, and Adverse Clinical Outcomes in Chronic Systolic Heart Failure. Journal of Cardiac Failure, 2015, 21, 91-96.	1.7	271
42	Paradoxical Association of Enhanced Cholesterol Efflux With Increased Incident Cardiovascular Risks. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1696-1705.	2.4	269
43	Choline Diet and Its Gut Microbeâ€"Derived Metabolite, Trimethylamine N-Oxide, Exacerbate Pressure Overloadâ€"Induced Heart Failure. Circulation: Heart Failure, 2016, 9, e002314.	3.9	265
44	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Use of Cardiac Troponin and B-Type Natriuretic Peptide or N-Terminal proB-Type Natriuretic Peptide for Etiologies Other than Acute Coronary Syndromes and Heart Failure. Clinical Chemistry, 2007, 53, 2086-2096.	3.2	239
45	Effects of Xanthine Oxidase Inhibition in Hyperuricemic Heart Failure Patients. Circulation, 2015, 131, 1763-1771.	1.6	239
46	Worsening Renal Function in Patients With Acute Heart Failure Undergoing Aggressive Diuresis Is Not Associated With Tubular Injury. Circulation, 2018, 137, 2016-2028.	1.6	239
47	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical Utilization of Cardiac Biomarker Testing in Heart Failure. Circulation, 2007, 116, e99-109.	1.6	234
48	Detection of Soluble Angiotensin-Converting Enzyme 2 in Heart Failure. Journal of the American College of Cardiology, 2008, 52, 750-754.	2.8	231
49	Myeloperoxidase, paraoxonase-1, and HDL form a functional ternary complex. Journal of Clinical Investigation, 2013, 123, 3815-3828.	8.2	226
50	Delayed Hyper-Enhancement Magnetic Resonance Imaging Provides Incremental Diagnostic and Prognostic Utility in Suspected Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2009, 2, 1369-1377.	5.3	221
51	RNA-Seq identifies novel myocardial gene expression signatures of heart failure. Genomics, 2015, 105, 83-89.	2.9	220
52	Deep learning for cardiovascular medicine: a practical primer. European Heart Journal, 2019, 40, 2058-2073.	2.2	218
53	Serum Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Predicting Worsening Renal Function in Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2010, 16, 49-54.	1.7	217
54	Ventricular Geometry, Strain, and Rotational Mechanics in Pulmonary Hypertension. Circulation, 2010, 121, 259-266.	1.6	216

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55	l-Carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans. Journal of Clinical Investigation, 2018, 129, 373-387.	8.2	216
56	Plasma B-Type Natriuretic Peptide Levels in Ambulatory Patients With Established Chronic Symptomatic Systolic Heart Failure. Circulation, 2003, 108, 2964-2966.	1.6	213
57	Evaluation of kidney function throughout the heart failure trajectoryÂâ€"Âa position statement from the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2020, 22, 584-603.	7.1	213
58	Role of the CHADS2Score in the Evaluation of Thromboembolic Risk in Patients With Atrial Fibrillation Undergoing Transesophageal Echocardiography Before Pulmonary Vein Isolation. Journal of the American College of Cardiology, 2009, 54, 2032-2039.	2.8	210
59	Loop Diuretic Efficiency. Circulation: Heart Failure, 2014, 7, 261-270.	3.9	209
60	Tenosynovial and Cardiac Amyloidosis inÂPatients Undergoing CarpalÂTunnelÂRelease. Journal of the American College of Cardiology, 2018, 72, 2040-2050.	2.8	209
61	Gut Microbe-Generated Trimethylamine N -Oxide From Dietary Choline Is Prothrombotic in Subjects. Circulation, 2017, 135, 1671-1673.	1.6	206
62	Efficacy and Safety of Spironolactone in Acute Heart Failure. JAMA Cardiology, 2017, 2, 950.	6.1	199
63	Intestinal Microbiotaâ€Generated Metabolite Trimethylamineâ€•Nâ€ Oxide and 5â€Year Mortality Risk in Stable Coronary Artery Disease: The Contributory Role of Intestinal Microbiota in a COURAGEâ€Like Patient Cohort. Journal of the American Heart Association, 2016, 5, .	3.7	198
64	The TMAO-Producing Enzyme Flavin-Containing Monooxygenase 3 Regulates Obesity and the Beiging of White Adipose Tissue. Cell Reports, 2017, 19, 2451-2461.	6.4	194
65	Effect of Inorganic Nitrite vs Placebo on Exercise Capacity Among Patients With Heart Failure With Preserved Ejection Fraction. JAMA - Journal of the American Medical Association, 2018, 320, 1764.	7.4	187
66	Plasma Trimethylamine N -Oxide, a Gut Microbeâ€"Generated Phosphatidylcholine Metabolite, Is Associated With Atherosclerotic Burden. Journal of the American College of Cardiology, 2016, 67, 2620-2628.	2.8	186
67	Sodium Nitroprusside for Advanced Low-Output Heart Failure. Journal of the American College of Cardiology, 2008, 52, 200-207.	2.8	184
68	Machine learning prediction in cardiovascular diseases: a meta-analysis. Scientific Reports, 2020, 10, 16057.	3.3	182
69	Increased Trimethylamine N-Oxide Portends High Mortality Risk Independent of Glycemic Control in Patients with Type 2 Diabetes Mellitus. Clinical Chemistry, 2017, 63, 297-306.	3.2	181
70	Soluble Angiotensin-Converting Enzyme 2 in Human Heart Failure: Relation With Myocardial Function and Clinical Outcomes. Journal of Cardiac Failure, 2009, 15, 565-571.	1.7	180
71	Intersections Between Microbiome and Heart Failure: Revisiting the Gut Hypothesis. Journal of Cardiac Failure, 2015, 21, 973-980.	1.7	179
72	Diminished Global Arginine Bioavailability and Increased Arginine Catabolism as Metabolic Profile of Increased Cardiovascular Risk. Journal of the American College of Cardiology, 2009, 53, 2061-2067.	2.8	174

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73	Usefulness of Plasma Galectin-3 Levels in Systolic Heart Failure to Predict Renal Insufficiency and Survival. American Journal of Cardiology, 2011, 108, 385-390.	1.6	169
74	Phenomapping of patients with heart failure with preserved ejection fraction using machine learningâ€based unsupervised cluster analysis. European Journal of Heart Failure, 2020, 22, 148-158.	7.1	169
75	Prognostic Value and Echocardiographic Determinants of Plasma Myeloperoxidase Levels in Chronic Heart Failure. Journal of the American College of Cardiology, 2007, 49, 2364-2370.	2.8	163
76	Systematic Error Removal Using Random Forest for Normalizing Large-Scale Untargeted Lipidomics Data. Analytical Chemistry, 2019, 91, 3590-3596.	6.5	163
77	Plasma Myeloperoxidase Levels in Patients With Chronic Heart Failure. American Journal of Cardiology, 2006, 98, 796-799.	1.6	162
78	Prompt Reduction in Intra-Abdominal Pressure Following Large-Volume Mechanical Fluid Removal Improves Renal Insufficiency in Refractory Decompensated Heart Failure. Journal of Cardiac Failure, 2008, 14, 508-514.	1.7	162
79	Fluid retention after initiation of thiazolidinedione therapy in diabetic patients with established chronic heart failure. Journal of the American College of Cardiology, 2003, 41, 1394-1398.	2.8	157
80	Clinical and Genetic Association of Serum Paraoxonase and Arylesterase Activities With Cardiovascular Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2803-2812.	2.4	153
81	Timing of Hemoconcentration During Treatment of Acute Decompensated Heart Failure and Subsequent Survival. Journal of the American College of Cardiology, 2013, 62, 516-524.	2.8	148
82	Relevance of Changes in Serum Creatinine During a Heart Failure Trial of Decongestive Strategies: Insights From the DOSE Trial. Journal of Cardiac Failure, 2016, 22, 753-760.	1.7	141
83	Gut microbiome and its role in cardiovascular diseases. Current Opinion in Cardiology, 2017, 32, 761-766.	1.8	139
84	Evaluation and Long-Term Prognosis of New-Onset, Transient, and Persistent Anemia in Ambulatory Patients With Chronic Heart Failure. Journal of the American College of Cardiology, 2008, 51, 569-576.	2.8	133
85	Trimethylamine N â€Oxide and Mortality Risk in Patients With Peripheral Artery Disease. Journal of the American Heart Association, 2016, 5, .	3.7	133
86	Plasma B-Type Natriuretic Peptide Levels Predict Postoperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Circulation, 2004, 110, 124-127.	1.6	131
87	Incremental Prognostic Value of Assessing Left Ventricular Myocardial Mechanics in Patients With Chronic Systolic Heart Failure. Journal of the American College of Cardiology, 2012, 60, 2074-2081.	2.8	131
88	Right Atrial Volume Index in Chronic Systolic Heart Failure and Prognosis. JACC: Cardiovascular Imaging, 2009, 2, 527-534.	5.3	126
89	Renal sodium avidity in heart failure: from pathophysiology to treatment strategies. European Heart Journal, 2017, 38, 1872-1882.	2.2	126
90	A Genome-Wide Association Study for Coronary Artery Disease Identifies a Novel Susceptibility Locus in the Major Histocompatibility Complex. Circulation: Cardiovascular Genetics, 2012, 5, 217-225.	5.1	125

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91	The kidney in congestive heart failure: â€˜are natriuresis, sodium, and diuretics really the good, the bad and the ugly?â€™. European Journal of Heart Failure, 2014, 16, 133-142.	7.1	125
92	The Pathophysiological Role of Interstitial Sodium in Heart Failure. Journal of the American College of Cardiology, 2015, 65, 378-388.	2.8	125
93	Hyponatremia in Acute Decompensated Heart Failure. Journal of the American College of Cardiology, 2015, 65, 480-492.	2.8	124
94	Prognostic Role of Serum Chloride Levels in Acute Decompensated Heart Failure. Journal of the American College of Cardiology, 2015, 66, 659-666.	2.8	123
95	Prognostic Role of Pulmonary Arterial Capacitance in Advanced Heart Failure. Circulation: Heart Failure, 2012, 5, 778-785.	3.9	122
96	Protein Carbamylation Predicts Mortality in ESRD. Journal of the American Society of Nephrology: JASN, 2013, 24, 853-861.	6.1	122
97	Untargeted metabolomics identifies trimethyllysine, a TMAO-producing nutrient precursor, as a predictor of incident cardiovascular disease risk. JCI Insight, 2018, 3, .	5.0	122
98	Microbial Transplantation With Human Gut Commensals Containing CutC Is Sufficient to Transmit Enhanced Platelet Reactivity and Thrombosis Potential. Circulation Research, 2018, 123, 1164-1176.	4.5	122
99	Insufficient Natriuretic Response to Continuous Intravenous Furosemide Is Associated With Poor Long-Term Outcomes in Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2014, 20, 392-399.	1.7	120
100	Comparative Genome-Wide Association Studies in Mice and Humans for Trimethylamine N -Oxide, a Proatherogenic Metabolite of Choline and <scp>l</scp> -Carnitine. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1307-1313.	2.4	119
101	Hypoxia-inducible factors in human pulmonary arterial hypertension: a link to the intrinsic myeloid abnormalities. Blood, 2011, 117, 3485-3493.	1.4	118
102	Development and validation of an integrated diagnostic algorithm derived from parameters monitored in implantable devices for identifying patients at risk for heart failure hospitalization in an ambulatory setting. European Heart Journal, 2013, 34, 2472-2480.	2.2	114
103	The Gut Microbiome and Its Role in Cardiovascular Diseases. Circulation, 2017, 135, 1008-1010.	1.6	113
104	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	2.2	113
105	PVDOMICS. Circulation Research, 2017, 121, 1136-1139.	4.5	113
106	Usefulness of Neutrophil-to-Lymphocyte Ratio in Risk Stratification of Patients With Advanced Heart Failure. American Journal of Cardiology, 2015, 115, 57-61.	1.6	111
107	Targeted Metabolomic Evaluation of Arginine Methylation and Cardiovascular Risks. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1383-1391.	2.4	110
108	Diuretic response in acute heart failureâ€”an analysis from ASCEND-HF. American Heart Journal, 2015, 170, 313-321.e4.	2.7	110

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109	Cardiorenal syndrome in decompensated heart failure. Heart, 2010, 96, 255-260.	2.9	109
110	Rapid and Highly Accurate Prediction of Poor Loop Diuretic Natriuretic Response in Patients With Heart Failure. Circulation: Heart Failure, 2016, 9, e002370.	3.9	109
111	Management of cardiac toxicity in patients receiving vascular endothelial growth factor signaling pathway inhibitors. American Heart Journal, 2012, 163, 156-163.	2.7	108
112	Terminology and definition of changes renal function in heart failure. European Heart Journal, 2014, 35, 3413-3416.	2.2	108
113	Genome-wide association study and targeted metabolomics identifies sex-specific association of CPS1 with coronary artery disease. Nature Communications, 2016, 7, 10558.	12.8	108
114	Insulin resistance in idiopathic dilated cardiomyopathy. Journal of the American College of Cardiology, 2004, 44, 78-81.	2.8	107
115	Microbiome, trimethylamine N-oxide, and cardiometabolic disease. Translational Research, 2017, 179, 108-115.	5.0	105
116	Meta-Analysis of Soluble Suppression ofÂTumorigenicity-2 and Prognosis in Acute Heart Failure. JACC: Heart Failure, 2017, 5, 287-296.	4.1	104
117	Differential effects of arginine methylation on diastolic dysfunction and disease progression in patients with chronic systolic heart failure. European Heart Journal, 2008, 29, 2506-2513.	2.2	103
118	Role of imaging in the diagnosis and management of patients with cardiac amyloidosis: State of the art review and focus on emerging nuclear techniques. Journal of Nuclear Cardiology, 2014, 21, 271-283.	2.1	103
119	Changes in Intrathoracic Impedance are Associated With Subsequent Risk of Hospitalizations for Acute Decompensated Heart Failure: Clinical Utility of Implanted Device Monitoring Without a Patient Alert. Journal of Cardiac Failure, 2009, 15, 475-481.	1.7	102
120	Measuring impedance in congestive heart failure: Current options and clinical applications. American Heart Journal, 2009, 157, 402-411.	2.7	102
121	Current Evidence on Treatment of Patients With Chronic Systolic Heart Failure and Renal Insufficiency. Journal of the American College of Cardiology, 2014, 63, 853-871.	2.8	102
122	Hypochloremia and Diuretic Resistance in Heart Failure. Circulation: Heart Failure, 2016, 9, .	3.9	102
123	Targeted Inhibition of Gut Microbial Trimethylamine N-Oxide Production Reduces Renal Tubulointerstitial Fibrosis and Functional Impairment in a Murine Model of Chronic Kidney Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1239-1255.	2.4	102
124	Troponin I in acute decompensated heart failure: insights from the ASCENDâ€HF study. European Journal of Heart Failure, 2012, 14, 1257-1264.	7.1	101
125	Increased Need for Right Ventricular Support in Patients With Chemotherapy-Induced Cardiomyopathy Undergoing Mechanical Circulatory Support. Journal of the American College of Cardiology, 2014, 63, 240-248.	2.8	99
126	Function and Distribution of Apolipoprotein A1 in the Artery Wall Are Markedly Distinct From Those in Plasma. Circulation, 2013, 128, 1644-1655.	1.6	98

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127	Reduced Cardiac Index Is Not theÂDominant Driver of RenalÂDysfunctionÂinÂHeart Failure. Journal of the American College of Cardiology, 2016, 67, 2199-2208.	2.8	98
128	Intrarenal Flow Alterations During Transition From Euvolemia to Intravascular Volume Expansion in Heart Failure Patients. JACC: Heart Failure, 2017, 5, 672-681.	4.1	98
129	Hemodialysisâ€induced cardiovascular disease. Seminars in Dialysis, 2018, 31, 258-267.	1.3	97
130	Pre-operative risk factors and clinical outcomes associated with vasoplegia in recipients of orthotopic heart transplantation in the contemporary era. Journal of Heart and Lung Transplantation, 2012, 31, 282-287.	0.6	96
131	Angiotensin-Converting Enzyme 2 as a Therapeutic Target for Heart Failure. Current Heart Failure Reports, 2014, 11, 58-63.	3.3	95
132	Protein carbamylation and cardiovascular disease. Kidney International, 2015, 88, 474-478.	5.2	94
133	Hypochloraemia is strongly and independently associated with mortality in patients with chronic heart failure. European Journal of Heart Failure, 2016, 18, 660-668.	7.1	94
134	Changes in Cardiovascular Biomarkers With Breast Cancer Therapy and Associations With Cardiac Dysfunction. Journal of the American Heart Association, 2020, 9, e014708.	3.7	94
135	Indications for Cardiac Resynchronization Therapy: 2011 Update From the Heart Failure Society of America Guideline Committee. Journal of Cardiac Failure, 2012, 18, 94-106.	1.7	93
136	Differential Response to Cardiac Resynchronization Therapy and Clinical Outcomes According to QRS Morphology and QRS Duration. Journal of the American College of Cardiology, 2012, 60, 592-598.	2.8	93
137	Fasting 2-Deoxy-2-[¹⁸F]fluoro-<scp>d</scp>-glucose Positron Emission Tomography to Detect Metabolic Changes in Pulmonary Arterial Hypertension Hearts over 1 Year. Annals of the American Thoracic Society, 2013, 10, 1-9.	3.2	93
138	Right Ventricular Global Longitudinal Strain Provides Prognostic Value Incremental to Left Ventricular Ejection Fraction in Patients with Heart Failure. Journal of the American Society of Echocardiography, 2014, 27, 726-732.	2.8	93
139	Right Ventricular Response to Intensive Medical Therapy in Advanced Decompensated Heart Failure. Circulation: Heart Failure, 2010, 3, 340-346.	3.9	92
140	Determinants of dynamic changes in serum creatinine in acute decompensated heart failure: the importance of blood pressure reduction during treatment. European Journal of Heart Failure, 2013, 15, 433-440.	7.1	89
141	Improved Prediction of Cardiovascular Disease Based on a Panel of Single Nucleotide Polymorphisms Identified Through Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2010, 3, 468-474.	5.1	88
142	Substantial Discrepancy Between Fluid and Weight Loss During Acute Decompensated HeartÂFailure Treatment. American Journal of Medicine, 2015, 128, 776-783.e4.	1.5	88
143	Extracorporeal Ultrafiltration for FluidÂOverload in Heart Failure. Journal of the American College of Cardiology, 2017, 69, 2428-2445.	2.8	88
144	Arginine-Nitric Oxide Metabolites and Cardiac Dysfunction in Patients With Breast Cancer. Journal of the American College of Cardiology, 2017, 70, 152-162.	2.8	87

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145	Plasma Myeloperoxidase Predicts Incident Cardiovascular Risks in Stable Patients Undergoing Medical Management for Coronary Artery Disease. Clinical Chemistry, 2011, 57, 33-39.	3.2	86
146	Neurohormonal and clinical responses to high- versus low-dose enalapril therapy in chronic heart failure. Journal of the American College of Cardiology, 2002, 39, 70-78.	2.8	85
147	CD36 and Na/K-ATPase-Î±1 Form a Proinflammatory Signaling Loop in Kidney. Hypertension, 2013, 61, 216-224.	2.7	84
148	Site-specific Nitration of Apolipoprotein A-I at Tyrosine 166 Is Both Abundant within Human Atherosclerotic Plaque and Dysfunctional. Journal of Biological Chemistry, 2014, 289, 10276-10292.	3.4	84
149	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. Lancet Diabetes and Endocrinology,the, 2017, 5, 534-543.	11.4	84
150	Impact of Systemic Venous Congestion in Heart Failure. Current Heart Failure Reports, 2011, 8, 233-241.	3.3	82
151	Renal tubular resistance is the primary driver for loop diuretic resistance in acute heart failure. European Journal of Heart Failure, 2017, 19, 1014-1022.	7.1	80
152	Intrarenal Venous Flow. JACC: Heart Failure, 2016, 4, 683-686.	4.1	79
153	Trimethyllysine, a trimethylamine N-oxide precursor, provides near- and long-term prognostic value in patients presenting with acute coronary syndromes. European Heart Journal, 2019, 40, 2700-2709.	2.2	79
154	Long-Term Reverse Remodeling With Cardiac Resynchronization Therapy. Journal of the American College of Cardiology, 2010, 55, 1788-1795.	2.8	78
155	Prognostic value of cardiac troponin in chronic stable heart failure: a systematic review. Heart, 2012, 98, 1778-1786.	2.9	77
156	Lipoprotein(a) levels and long-term cardiovascular risk in the contemporary era of statin therapy. Journal of Lipid Research, 2010, 51, 3055-3061.	4.2	76
157	Lack of significant renal tubular injury despite acute kidney injury in acute decompensated heart failure. European Journal of Heart Failure, 2012, 14, 597-604.	7.1	76
158	Cardiorenal Outcomes After Slow Continuous Ultrafiltration Therapy in Refractory Patients With Advanced Decompensated Heart Failure. Journal of the American College of Cardiology, 2012, 60, 1906-1912.	2.8	76
159	Compensatory Distal Reabsorption Drives Diuretic Resistance in Human Heart Failure. Journal of the American Society of Nephrology: JASN, 2017, 28, 3414-3424.	6.1	75
160	Outcomes of Patients With Stable Heart Failure Undergoing Elective Noncardiac Surgery. Mayo Clinic Proceedings, 2008, 83, 280-288.	3.0	74
161	Epigenetics in Cardiac Hypertrophy andÂHeartÂFailure. JACC Basic To Translational Science, 2019, 4, 976-993.	4.1	74
162	Urinary Composition During Decongestive Treatment in Heart Failure With Reduced Ejection Fraction. Circulation: Heart Failure, 2014, 7, 766-772.	3.9	71

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163	Determinants and impact of the natriuretic response to diuretic therapy in heart failure with reduced ejection fraction and volume overload. Acta Cardiologica, 2015, 70, 265-273.	0.9	71
164	Impact of Individual Traits, Saturated Fat, and Protein Source on the Gut Microbiome. MBio, 2018, 9, .	4.1	70
165	Acetazolamide to increase natriuresis in congestive heart failure at high risk for diuretic resistance. European Journal of Heart Failure, 2019, 21, 1415-1422.	7.1	70
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