

Robert O Bonow

List of Publications by Citations

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

103
papers

5,881
citations

34
h-index

76
g-index

140
ext. papers

7,349
ext. citations

11.2
avg, IF

6.26
L-index

#	Paper	IF	Citations
103	Chronic heart failure in the United States: a manifestation of coronary artery disease. <i>Circulation</i> , 1998 , 97, 282-9	16.7	640
102	Myocardial viability and survival in ischemic left ventricular dysfunction. <i>New England Journal of Medicine</i> , 2011 , 364, 1617-25	59.2	574
101	Phenomapping for novel classification of heart failure with preserved ejection fraction. <i>Circulation</i> , 2015 , 131, 269-79	16.7	499
100	Intracoronary cardiosphere-derived cells after myocardial infarction: evidence of therapeutic regeneration in the final 1-year results of the CADUCEUS trial (Cardiosphere-Derived autologous stem cells to reverse ventricular dysfunction). <i>Journal of the American College of Cardiology</i> , 2014 , 63, 110-22	15.1	379
99	Association of Coronavirus Disease 2019 (COVID-19) With Myocardial Injury and Mortality. <i>JAMA Cardiology</i> , 2020 , 5, 751-753	16.2	340
98	Inflammation as a Driver of Adverse Left Ventricular Remodeling After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2050-60	15.1	226
97	Developing therapies for heart failure with preserved ejection fraction: current state and future directions. <i>JACC: Heart Failure</i> , 2014 , 2, 97-112	7.9	213
96	Impact of diabetes on epidemiology, treatment, and outcomes of patients with heart failure. <i>JACC: Heart Failure</i> , 2015 , 3, 136-45	7.9	190
95	Contrast magnetic resonance imaging in the assessment of myocardial viability in patients with stable coronary artery disease and left ventricular dysfunction. <i>Circulation</i> , 1998 , 98, 2687-94	16.7	146
94	Natural History, Diagnostic Approaches, and Therapeutic Strategies for Patients With Asymptomatic Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2263-2288	15.1	139
93	Special Article - Acute myocardial injury in patients hospitalized with COVID-19 infection: A review. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 682-689	8.5	126
92	PCI and CABG for Treating Stable Coronary Artery Disease: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 964-976	15.1	125
91	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019 , 40, 2155-2163	9.5	107
90	The diabetes epidemic: a national and global crisis. <i>American Journal of Medicine</i> , 2004 , 116 Suppl 5A, 2S-10S	2.4	107
89	Diet, obesity, and cardiovascular risk. <i>New England Journal of Medicine</i> , 2003 , 348, 2057-8	59.2	94
88	Therapeutic targets in heart failure: refocusing on the myocardial interstitium. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2188-98	15.1	90
87	Effect of Beta-Blocker Dose on Survival After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1431-41	15.1	83

86	Aortic Valve Stenosis Alters Expression of Regional Aortic Wall Shear Stress: New Insights From a 4-Dimensional Flow Magnetic Resonance Imaging Study of 571 Subjects. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	81
85	New insights into the cardiac natriuretic peptides. <i>Circulation</i> , 1996 , 93, 1946-50	16.7	78
84	Variability in Ejection Fraction Measured By Echocardiography, Gated Single-Photon Emission Computed Tomography, and Cardiac Magnetic Resonance in Patients With Coronary Artery Disease and Left Ventricular Dysfunction. <i>JAMA Network Open</i> , 2018 , 1, e181456	10.4	71
83	Ross Procedure in Adults for Cardiologists and Cardiac Surgeons: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2761-2777	15.1	67
82	The role of metabolic syndrome in heart failure. <i>European Heart Journal</i> , 2015 , 36, 2630-4	9.5	66
81	Targeting cardiovascular inflammation: next steps in clinical translation. <i>European Heart Journal</i> , 2021 , 42, 113-131	9.5	63
80	Clinical practice. Should coronary calcium screening be used in cardiovascular prevention strategies?. <i>New England Journal of Medicine</i> , 2009 , 361, 990-7	59.2	62
79	Chronic mitral regurgitation and aortic regurgitation: have indications for surgery changed?. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 693-701	15.1	53
78	Management strategies and future challenges for aortic valve disease. <i>Lancet, The</i> , 2016 , 387, 1312-23	40	51
77	The prognostic significance of heart rate in patients hospitalized for heart failure with reduced ejection fraction in sinus rhythm: insights from the EVEREST (Efficacy of Vasopressin Antagonism in Heart Failure: Outcome Study With Tolvaptan) trial. <i>JACC: Heart Failure</i> , 2013 , 1, 488-96	7.9	49
76	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging: A Multicenter Study With 48 000 Patient-Years of Follow-up. <i>JAMA Cardiology</i> , 2019 , 4, 256-264	16.2	48
75	Depression Symptom Severity and Cardiorespiratory Fitness in Healthy and Depressed Adults: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016 , 46, 219-30	10.6	41
74	Mechanisms Contributing to the Progression of Ischemic and Nonischemic Dilated Cardiomyopathy: Possible Modulating Effects of Paracrine Activities of Stem Cells. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2038-2047	15.1	40
73	Severity of Remodeling, Myocardial Viability, and Survival in Ischemic LV Dysfunction After Surgical Revascularization. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1121-1129	8.4	38
72	Under-use of the Ross operation--a lost opportunity. <i>Lancet, The</i> , 2014 , 384, 559-560	40	34
71	Importance of angina in patients with coronary disease, heart failure, and left ventricular systolic dysfunction: insights from STICH. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2092-2100	15.1	31
70	Management of Asymptomatic Severe Aortic Stenosis: Evolving Concepts in Timing of Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 481-493	8.4	30
69	Revascularization in severe left ventricular dysfunction. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 615-24	15.1	29

68	"Targeting the Heart" in Heart Failure: Myocardial Recovery in Heart Failure With Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2015 , 3, 661-9	7.9	28
67	Nutrition Education in Medical School, Residency Training, and Practice. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1351-1352	27.4	26
66	Cardiology and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1131-1132	27.4	24
65	Asymptomatic aortic regurgitation: indications for operation. <i>Journal of Cardiac Surgery</i> , 1994 , 9, 170-3	1.3	22
64	Comparison of outcomes and presentation in men-versus-women with bicuspid aortic valves undergoing aortic valve replacement. <i>American Journal of Cardiology</i> , 2015 , 116, 250-5	3	21
63	Paravalvular regurgitation after conventional aortic and mitral valve replacement: A benchmark for alternative approaches. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 860-8.e1	1.5	20
62	Appropriate Implantable Defibrillator Therapy in Adults With Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 953-60	2.7	19
61	Effect of aortic aneurysm replacement on outcomes after bicuspid aortic valve surgery: validation of contemporary guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2060-9	1.5	19
60	Improving cardiovascular clinical trials conduct in the United States: recommendation from clinicians, researchers, sponsors, and regulators. <i>American Heart Journal</i> , 2015 , 169, 305-14	4.9	18
59	Cardiovascular manpower: the looming crisis. <i>Circulation</i> , 2004 , 109, 817-20	16.7	18
58	Time elapsed after contrast injection is crucial to determine infarct transmural and myocardial functional recovery after an acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 43	6.9	17
57	Characterizing High-Performing Articles by Altmetric Score in Major Cardiovascular Journals. <i>JAMA Cardiology</i> , 2018 , 3, 1249-1251	16.2	17
56	Influence of beta-blocker therapy on aortic blood flow in patients with bicuspid aortic valve. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 621-8	2.5	15
55	Sixth Annual Mario S. Verani, MD Memorial Lecture: Cardiovascular imaging--added value or added cost?. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, 170-7	2.1	15
54	Prevalence and Prognosis of Unrecognized Myocardial Infarction in Asymptomatic Patients With Diabetes: A Two-Center Study With Up to 5 Years of Follow-up. <i>Diabetes Care</i> , 2019 , 42, 1290-1296	14.6	14
53	Patient, Caregiver, and Physician Work in Heart Failure Disease Management: A Qualitative Study of Issues That Undermine Wellness. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 1056-65	6.4	14
52	2009 ASNC keynote lecture: measuring cost, cost-effectiveness, and quality in cardiovascular imaging. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 362-9	2.1	14
51	Statin Use and Aneurysm Risk in Patients With Bicuspid Aortic Valve Disease. <i>Clinical Cardiology</i> , 2016 , 39, 41-7	3.3	13

50	Effects of septal myectomy on left ventricular diastolic function and left atrial volume in patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2014 , 114, 1568-72	3	12
49	Is mitral valve disease treated differently in men and women?. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1433-1443	3.9	11
48	Aortic Regurgitation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2000 , 2, 125-132	2.1	11
47	Four-dimensional Virtual Catheter: Noninvasive Assessment of Intra-aortic Hemodynamics in Bicuspid Aortic Valve Disease. <i>Radiology</i> , 2019 , 293, 541-550	20.5	10
46	An approach to the rational use of revascularization in heart failure patients. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 281-7	3.8	10
45	Integrated Imaging in Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017 , 119, 328-339		10
44	Teasing Apart Heart Failure With Preserved Ejection Fraction Phenotypes With Echocardiographic Imaging: Potential Approach to Research and Clinical Practice. <i>Circulation Research</i> , 2018 , 122, 23-25	15.7	9
43	Open Access Publishing and Subsequent Citations Among Articles in Major Cardiovascular Journals. <i>American Journal of Medicine</i> , 2019 , 132, 1103-1105	2.4	8
42	Transcatheter aortic valve replacement: current status and future directions. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013 , 25, 193-6	1.7	8
41	Burden of medical co-morbidities and benefit from surgical revascularization in patients with ischaemic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2019 , 21, 373-381	12.3	6
40	Left ventricular apical thrombus and myocardial viability: a dobutamine stress echocardiographic study. <i>Echocardiography</i> , 2000 , 17, 547-54	1.5	6
39	Percutaneous or surgical revascularization is associated with survival benefit in stable coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 961-970	4.1	5
38	Discordant Aortic Valve Morphology in Monozygotic Twins: A Clinical Case Series. <i>JAMA Cardiology</i> , 2016 , 1, 1043-1047	16.2	5
37	Risk Prediction Model in Children With Hypertrophic Cardiomyopathy: A Work in Progress. <i>JAMA Cardiology</i> , 2019 , 4, 927	16.2	4
36	What's past is prologue: advances in cardiovascular imaging. <i>Lancet, The</i> , 2012 , 379, 393-5	40	4
35	Secondary Mitral Regurgitation and Survival in Patients With Left Ventricular Dysfunction. <i>JAMA Cardiology</i> , 2017 , 2, 1139-1140	16.2	3
34	PARADIGM-HF: Have we achieved a new paradigm in the treatment of heart failure?. <i>Global Cardiology Science & Practice</i> , 2014 , 2014, 224-7	0.7	3
33	Fibrosis in Hypertrophic Cardiomyopathy Patients With and Without Sarcomere Gene Mutations. <i>Heart Lung and Circulation</i> , 2021 , 30, 1496-1501	1.8	3

32	Guidelines for revascularization: The evidence base matures. <i>Global Cardiology Science & Practice</i> , 2012 , 2012, 29-35	0.7	2
31	FAME 2 - The best initial strategy for patients with stable coronary artery disease: Do we have an answer at last?. <i>Global Cardiology Science & Practice</i> , 2012 , 2012, 15-7	0.7	2
30	Improving Terminology to Describe Coronary Artery Procedures: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 180-188	15.1	2
29	Left Ventricular End-Systolic Volume in Chronic Aortic Regurgitation-Finally, a Step Forward. <i>JAMA Cardiology</i> , 2021 , 6, 199	16.2	2
28	The hibernating myocardium: identification of viable myocardium in patients with coronary artery disease and chronic left ventricular dysfunction. <i>Basic Research in Cardiology</i> , 1995 , 90, 49-51	11.8	2
27	Nutrition Education in Medical Training-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 784-785	27.4	1
26	Differential Impact of Mitral Valve Repair on Outcome of Coronary Artery Bypass Grafting With or Without Surgical Ventricular Reconstruction in the Surgical Treatment for Ischemic Heart Failure (STICH) Trial. <i>Structural Heart</i> , 2019 , 3, 302-308	0.6	1
25	Relation of Late Gadolinium Enhancement and Extracellular Volume Fraction to Ventricular Arrhythmias in Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2020 , 131, 104-108	3	1
24	Explanation for the Corrections for the Study of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019. <i>JAMA Cardiology</i> , 2020 , 5, 1308	16.2	1
23	Reconsidering the Ross Procedure. <i>JAMA Cardiology</i> , 2021 , 6, 548	16.2	1
22	Equity and the JAMA Network. <i>JAMA Health Forum</i> , 2021 , 2, e211638	2	1
21	Cardiovascular Magnetic Resonance in Right Heart and Pulmonary Circulation Disorders. <i>Heart Failure Clinics</i> , 2021 , 17, 57-75	3.3	1
20	4D flow MRI left atrial kinetic energy in hypertrophic cardiomyopathy is associated with mitral regurgitation and left ventricular outflow tract obstruction. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2755-2765	2.5	1
19	Myocardial hibernation: a noninvasive physician's point of view. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2002 , 3, 285-90		1
18	A balanced assessment of the STICH trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 1683-4	1.4	0
17	Natriuretic Peptide Levels After Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2020 , 5, 1123	16.2	0
16	Direct mitral regurgitation quantification in hypertrophic cardiomyopathy using 4D flow CMR jet tracking: evaluation in comparison to conventional CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 138	6.9	0
15	The Importance of Long-term Follow-up Within Randomized Clinical Trials of Cardiovascular Devices. <i>JAMA Cardiology</i> , 2017 , 2, 277	16.2	

14	Safety vs Efficacy of Lowering Blood Pressure-Reply. <i>JAMA Cardiology</i> , 2017 , 2, 1400	16.2
13	JAMA Cardiology. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 1457	27.4
12	Peace and Epidemiologic Transitions in Patterns of Health and Disease. <i>European Heart Journal</i> , 2019 , 40, 2286-2288	9.5
11	Improving Quality for All Patients With Aortic Stenosis. <i>JAMA Cardiology</i> , 2019 , 4, 844-845	16.2
10	EditorsSpage. <i>Global Cardiology Science & Practice</i> , 2012 , 2012, 1	0.7
9	EditorsSpage. <i>Global Cardiology Science & Practice</i> , 2013 , 2013, 279	0.7
8	Comorbidity in patients with asymptomatic AS. <i>Nature Reviews Cardiology</i> , 2011 , 8, 725-725	14.8
7	Can Atherosclerosis Imaging Improve Patient Management?244-256	
6	Update in cardiology. <i>Annals of Internal Medicine</i> , 2004 , 141, 628-34	8
5	Valvular heart disease: Patient needs and practice guidelines. <i>Aswan Heart Centre Science & Practice Series</i> , 2011 , 2011, 5	
4	EditorsSpage. <i>Global Cardiology Science & Practice</i> , 2012 , 2012, 1	0.7
3	Four-Dimensional Magnetic Resonance After Ross Procedure for Unicuspid Aortic Valve. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011500	3.9
2	AuthorS Reply. <i>Clinical Cardiology</i> , 2016 , 39, 307	3.3
1	Response to Comment on Elliott et al. Prevalence and Prognosis of Unrecognized Myocardial Infarction in Asymptomatic Patients With Diabetes: A Two-Center Study With Up to 5 Years of Follow-up. <i>Diabetes Care</i> 2019;42:1290-1296. <i>Diabetes Care</i> , 2019 , 42, e156	14.6