

# Robert O Bonow

## List of Publications by Year in descending order

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139  
papers

8,389  
citations

81743

39  
h-index

46693

89  
g-index

140  
all docs

140  
docs citations

140  
times ranked

12190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenomapping for Novel Classification of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2015, 131, 269-279.	1.6	763
2	Myocardial Viability and Survival in Ischemic Left Ventricular Dysfunction. <i>New England Journal of Medicine</i> , 2011, 364, 1617-1625.	13.9	734
3	Chronic Heart Failure in the United States. <i>Circulation</i> , 1998, 97, 282-289.	1.6	721
4	Association of Coronavirus Disease 2019 (COVID-19) With Myocardial Injury and Mortality. <i>JAMA Cardiology</i> , 2020, 5, 751.	3.0	471
5	Intracoronary Cardiosphere-Derived Cells After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2014, 63, 110-122.	1.2	468
6	Inflammation as a Driver of Adverse Left Ventricular Remodeling After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2050-2060.	1.2	340
7	PCI and CABG for Treating Stable Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 964-976.	1.2	282
8	Developing Therapies for Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2014, 2, 97-112.	1.9	267
9	Impact of Diabetes on Epidemiology, Treatment, and Outcomes of Patients With Heart Failure. <i>JACC: Heart Failure</i> , 2015, 3, 136-145.	1.9	265
10	Identification of Viable Myocardium. <i>Circulation</i> , 1996, 94, 2674-2680.	1.6	242
11	Special Article - Acute myocardial injury in patients hospitalized with COVID-19 infection: A review. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 682-689.	1.6	221
12	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.	1.2	198
13	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019, 40, 2155-2163.	1.0	195
14	Targeting cardiovascular inflammation: next steps in clinical translation. <i>European Heart Journal</i> , 2021, 42, 113-131.	1.0	186
15	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, 2687-2694.	1.6	175
16	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.	2.8	143
17	Ross Procedure in Adults for Cardiologists and Cardiac Surgeons. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2761-2777.	1.2	135
18	The diabetes epidemic: a national and global crisis. <i>American Journal of Medicine</i> , 2004, 116, 2-10.	0.6	130

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19	Aortic Valve Stenosis Alters Expression of Regional Aortic Wall Shear Stress: New Insights From a 4â€Dimensional Flow Magnetic Resonance Imaging Study of 571 Subjects. Journal of the American Heart Association, 2017, 6, .	1.6	126
20	Therapeutic Targets in Heart Failure. Journal of the American College of Cardiology, 2014, 63, 2188-2198.	1.2	124
21	Effect of Beta-Blocker Dose on Survival After Acute Myocardial Infarction. Journal of the American College of Cardiology, 2015, 66, 1431-1441.	1.2	116
22	Diet, Obesity, and Cardiovascular Risk. New England Journal of Medicine, 2003, 348, 2057-2058.	13.9	109
23	Population-Wide Trends in Aortic Stenosis Incidence and Outcomes. Circulation, 2015, 131, 969-971.	1.6	99
24	The role of metabolic syndrome in heart failure. European Heart Journal, 2015, 36, 2630-2634.	1.0	96
25	New Insights Into the Cardiac Natriuretic Peptides. Circulation, 1996, 93, 1946-1950.	1.6	91
26	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2019, 4, 256.	3.0	88
27	Management strategies and future challenges for aortic valve disease. Lancet, The, 2016, 387, 1312-1323.	6.3	74
28	Chronic Mitral Regurgitation and Aortic Regurgitation. Journal of the American College of Cardiology, 2013, 61, 693-701.	1.2	69
29	Should Coronary Calcium Screening Be Used in Cardiovascular Prevention Strategies?. New England Journal of Medicine, 2009, 361, 990-997.	13.9	68
30	Under-use of the Ross operationâ€a lost opportunity. Lancet, The, 2014, 384, 559-560.	6.3	65
31	Management of Asymptomatic Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 481-493.	2.3	65
32	The Prognostic Significance of Heart Rate in Patients Hospitalized for Heart Failure With Reduced Ejection Fraction in Sinus Rhythm. JACC: Heart Failure, 2013, 1, 488-496.	1.9	58
33	Depression Symptom Severity and Cardiorespiratory Fitness in Healthy and Depressed Adults: A Systematic Review and Meta-Analysis. Sports Medicine, 2016, 46, 219-230.	3.1	52
34	Severity of Remodeling, Myocardial Viability, and Survival in Ischemic LV Dysfunction After Surgical Revascularization. JACC: Cardiovascular Imaging, 2015, 8, 1121-1129.	2.3	51
35	â€Targeting the Heartâ€in Heart Failure. JACC: Heart Failure, 2015, 3, 661-669.	1.9	50
36	Mechanisms Contributing to the Progression of Ischemic and Nonischemic Dilated Cardiomyopathy. Journal of the American College of Cardiology, 2015, 66, 2038-2047.	1.2	49

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37	The Time Has Come to Define Centers of Excellence in Mitral Valve Repair— Journal of the American College of Cardiology, 2016, 67, 499-501.	1.2	49
38	Importance of Angina in Patients With Coronary Disease, Heart Failure, and Left Ventricular Systolic Dysfunction. Journal of the American College of Cardiology, 2015, 66, 2092-2100.	1.2	48
39	Nutrition Education in Medical School, Residency Training, and Practice. JAMA - Journal of the American Medical Association, 2019, 321, 1351.	3.8	44
40	Cardiology and COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1131.	3.8	41
41	Revascularization in Severe Left Ventricular Dysfunction. Journal of the American College of Cardiology, 2015, 65, 615-624.	1.2	39
42	Comparison of Outcomes and Presentation in Men Versus Women With Bicuspid Aortic Valves Undergoing Aortic Valve Replacement. American Journal of Cardiology, 2015, 116, 250-255.	0.7	35
43	Characterizing High-Performing Articles by Altmetric Score in Major Cardiovascular Journals. JAMA Cardiology, 2018, 3, 1249.	3.0	31
44	Paravalvular regurgitation after conventional aortic and mitral valve replacement: A benchmark for alternative approaches. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 860-868.e1.	0.4	29
45	Hydroxychloroquine, Coronavirus Disease 2019, and QT Prolongation. JAMA Cardiology, 2020, 5, 986.	3.0	29
46	Asymptomatic Aortic Regurgitation: Indications for Operation. Journal of Cardiac Surgery, 1994, 9, 170-173.	0.3	28
47	Percutaneous or surgical revascularization is associated with survival benefit in stable coronary artery disease. European Heart Journal Cardiovascular Imaging, 2020, 21, 961-970.	0.5	28
48	Effect of aortic aneurysm replacement on outcomes after bicuspid aortic valve surgery: Validation of contemporary guidelines. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2060-2069.	0.4	27
49	Is mitral valve disease treated differently in men and women?. European Journal of Preventive Cardiology, 2019, 26, 1433-1443.	0.8	27
50	Appropriate Implantable Defibrillator Therapy in Adults With Hypertrophic Cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2016, 27, 953-960.	0.8	23
51	Prevalence and Prognosis of Unrecognized Myocardial Infarction in Asymptomatic Patients With Diabetes: A Two-Center Study With Up to 5 Years of Follow-up. Diabetes Care, 2019, 42, 1290-1296.	4.3	23
52	Time elapsed after contrast injection is crucial to determine infarct transmural and myocardial functional recovery after an acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 43.	1.6	22
53	Statin Use and Aneurysm Risk in Patients With Bicuspid Aortic Valve Disease. Clinical Cardiology, 2016, 39, 41-47.	0.7	22
54	Four-dimensional Virtual Catheter: Noninvasive Assessment of Intra-aortic Hemodynamics in Bicuspid Aortic Valve Disease. Radiology, 2019, 293, 541-550.	3.6	21

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55	Improving cardiovascular clinical trials conduct in the United States: Recommendation from clinicians, researchers, sponsors, and regulators. <i>American Heart Journal</i> , 2015, 169, 305-314.	1.2	20
56	Cardiovascular Manpower. <i>Circulation</i> , 2004, 109, 817-820.	1.6	19
57	Patient, Caregiver, and Physician Work in Heart Failure Disease Management. <i>Mayo Clinic Proceedings</i> , 2016, 91, 1056-1065.	1.4	19
58	Influence of beta-blocker therapy on aortic blood flow in patients with bicuspid aortic valve. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 621-628.	0.7	18
59	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, 1568-1572.	0.7	17
60	Sixth Annual Mario S. Verani, MD Memorial Lecture: Cardiovascular imaging—Added value or added cost?. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 170-177.	1.4	16
61	Understanding Observational Treatment Comparisons in the Setting of Coronavirus Disease 2019 (COVID-19). <i>JAMA Cardiology</i> , 2020, 5, 988.	3.0	16
62	Improving Terminology to Describe Coronary Artery Procedures. <i>Journal of the American College of Cardiology</i> , 2021, 78, 180-188.	1.2	16
63	Open Access Publishing and Subsequent Citations Among Articles in Major Cardiovascular Journals. <i>American Journal of Medicine</i> , 2019, 132, 1103-1105.	0.6	15
64	Aortic regurgitation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2000, 2, 125-132.	0.4	14
65	2009 ASNC keynote lecture: Measuring cost, cost-effectiveness, and quality in cardiovascular imaging. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 362-369.	1.4	14
66	An Approach to the Rational Use of Revascularization in Heart Failure Patients. <i>Canadian Journal of Cardiology</i> , 2014, 30, 281-287.	0.8	14
67	Cost-effectiveness of PCSK9 Inhibitors. <i>JAMA Cardiology</i> , 2017, 2, 1298.	3.0	14
68	Integrated Imaging in Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017, 119, 328-339.	0.7	13
69	Teasing Apart Heart Failure With Preserved Ejection Fraction Phenotypes With Echocardiographic Imaging. <i>Circulation Research</i> , 2018, 122, 23-25.	2.0	13
70	Interpretation and Use of Another Statin Guideline. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1977.	3.8	12
71	Burden of medical comorbidities and benefit from surgical revascularization in patients with ischaemic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2019, 21, 373-381.	2.9	12
72	The Evidence Supporting Cardiovascular Guidelines. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1053.	3.8	11

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73	Fibrosis in Hypertrophic Cardiomyopathy Patients With and Without Sarcomere Gene Mutations. <i>Heart Lung and Circulation</i> , 2021, 30, 1496-1501.	0.2	10
74	High-Speed Myocardial Perfusion Imaging: Dawn of a New Era in Nuclear Cardiology?. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 164-166.	2.3	9
75	Transcatheter Aortic Valve Replacement: Current Status and Future Directions. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013, 25, 193-196.	0.4	9
76	Left Atrial Function in Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 233-235.	2.3	9
77	The Saga Continues. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 882-884.	1.1	8
78	Asymptomatic Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2839-2841.	1.2	8
79	Discordant Aortic Valve Morphology in Monozygotic Twins. <i>JAMA Cardiology</i> , 2016, 1, 1043.	3.0	8
80	Left Ventricular Apical Thrombus and Myocardial Viability: A Dobutamine Stress Echocardiographic Study. <i>Echocardiography</i> , 2000, 17, 547-554.	0.3	7
81	New Blood Pressure“Lowering Targets”Finding Clarity. <i>JAMA Cardiology</i> , 2017, 2, 719.	3.0	7
82	Hypertrophic cardiomyopathy: Past, present“ and future. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 65-66.	2.3	6
83	Secondary Mitral Regurgitation and Survival in Patients With Left Ventricular Dysfunction. <i>JAMA Cardiology</i> , 2017, 2, 1139.	3.0	6
84	Risk Prediction Model in Children With Hypertrophic Cardiomyopathy. <i>JAMA Cardiology</i> , 2019, 4, 927.	3.0	6
85	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.	1.6	6
86	What's past is prologue: advances in cardiovascular imaging. <i>Lancet, The</i> , 2012, 379, 393-395.	6.3	5
87	Improving Outlook for Elderly Patients With Aortic Stenosis. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2045.	3.8	5
88	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.	0.7	4
89	PARADIGM-HF: Have we achieved a new paradigm in the treatment of heart failure?. <i>Global Cardiology Science &amp; Practice</i> , 2014, 2014, 34.	0.3	3
90	Data Sharing“The Time Has (Not Yet?) Come. <i>JAMA Cardiology</i> , 2018, 3, 797.	3.0	3

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91	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.	0.2	3
92	Left Ventricular End-Systolic Volume in Chronic Aortic Regurgitationâ€”Finally, a Step Forward. <i>JAMA Cardiology</i> , 2021, 6, 199.	3.0	3
93	Cardiovascular Magnetic Resonance in Right Heart and Pulmonary Circulation Disorders. <i>Heart Failure Clinics</i> , 2021, 17, 57-75.	1.0	3
94	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.	0.7	3
95	Performance Matters in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2014, 63, 131-132.	1.2	2
96	Interpretation and Use of Another Statin Guideline. <i>JAMA Cardiology</i> , 2017, 2, 7.	3.0	2
97	<i>JAMA Cardiology</i>â€”The Year in Review, 2018. <i>JAMA Cardiology</i> , 2019, 4, 406.	3.0	2
98	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.	3.0	2
99	Reconsidering the Ross Procedure. <i>JAMA Cardiology</i> , 2021, 6, 548.	3.0	2
100	Resurgence of the Ross procedure. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 512-514.	0.6	2
101	Guidelines for revascularization: The evidence base matures. <i>Global Cardiology Science &amp; Practice</i> , 2012, 2012, 21.	0.3	2
102	FAME 2 â€” The best initial strategy for patients with stable coronary artery disease: Do we have an answer at last?. <i>Global Cardiology Science &amp; Practice</i> , 2012, 2012, 18.	0.3	2
103	Communicating the Benefits of Vaccination in Light of Potential Risks. <i>JAMA Cardiology</i> , 2022, 7, 612.	3.0	2
104	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.	2.5	2
105	Indications for revascularization in patients with left ventricular dysfunction: Evidence and uncertainties. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2461-2465.	0.4	1
106	A balanced assessment of the STICH trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1683-1684.	0.4	1
107	<i>JAMA Cardiology</i> Inaugural Year in Review. <i>JAMA Cardiology</i> , 2017, 2, 473.	3.0	1
108	Aortic Stenosisâ€”50 Years of Discovery. <i>JAMA Cardiology</i> , 2018, 3, 1141.	3.0	1

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109	Coapting Cost and Clinical Outcomes in Transcatheter Intervention for Secondary Mitral Regurgitation. <i>Circulation</i> , 2019, 140, 1892-1894.	1.6	1
110	Nutrition Education in Medical Training—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 784.	3.8	1
111	Natriuretic Peptide Levels After Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2020, 5, 1123.	3.0	1
112	The Use of Sacubitril/Valsartan for Hospitalized Heart Failure—Why Do We Care About Cost and Value?. <i>JAMA Cardiology</i> , 2020, 5, 1244.	3.0	1
113	Four-Dimensional Magnetic Resonance After Ross Procedure for Unicuspid Aortic Valve. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011500.	1.3	1
114	Equity and the JAMA Network. <i>JAMA Health Forum</i> , 2021, 2, e211638.	1.0	1
115	Valvular heart disease: Patient needs and practice guidelines. <i>Aswan Heart Centre Science &amp; Practice Series</i> , 2011, 2011, 5.	0.3	1
116	Editors' page. <i>Global Cardiology Science &amp; Practice</i> , 2012, 2012, 14.	0.3	1
117	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.	0.1	1
118	Update in Cardiology. <i>Annals of Internal Medicine</i> , 2004, 141, 628.	2.0	0
119	Can Atherosclerosis Imaging Improve Patient Management?. , 0, , 244-256.		0
120	Comorbidity in patients with asymptomatic AS. <i>Nature Reviews Cardiology</i> , 2011, 8, 725-725.	6.1	0
121	Editors'™ page. <i>Global Cardiology Science &amp; Practice</i> , 2012, 2012, 1.	0.3	0
122	Editors' page. <i>Global Cardiology Science &amp; Practice</i> , 2013, 2013, 35.	0.3	0
123	<i>JAMA Cardiology</i> . <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1457.	3.8	0
124	<i>JAMA Cardiology: A New Cardiovascular Journal</i> . <i>JAMA Cardiology</i> , 2016, 1, 11.	3.0	0
125	Author's Reply. <i>Clinical Cardiology</i> , 2016, 39, 307-307.	0.7	0
126	The Importance of Long-term Follow-up Within Randomized Clinical Trials of Cardiovascular Devices. <i>JAMA Cardiology</i> , 2017, 2, 277.	3.0	0



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127	Safety vs Efficacy of Lowering Blood Pressure—Reply. <i>JAMA Cardiology</i> , 2017, 2, 1400.	3.0	0
128	Author Relationships With Industry. <i>JAMA Cardiology</i> , 2017, 2, 1181.	3.0	0
129	<i>JAMA Cardiology</i> —The Year in Review, 2017. <i>JAMA Cardiology</i> , 2018, 3, 373.	3.0	0
130	Thresholds for Valve Replacement in Asymptomatic Patients With Aortic Stenosis. <i>JAMA Cardiology</i> , 2018, 3, 1068.	3.0	0
131	Unrecognized Myocardial Infarction and Unrecognized Cardiovascular Risk. <i>JAMA Cardiology</i> , 2018, 3, 1106.	3.0	0
132	How Active Is Active Surveillance in Asymptomatic Patients With Primary Mitral Regurgitation?. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1222-1224.	2.3	0
133	Peace and Epidemiologic Transitions in Patterns of Health and Disease. <i>European Heart Journal</i> , 2019, 40, 2286-2288.	1.0	0
134	Improving Quality for All Patients With Aortic Stenosis. <i>JAMA Cardiology</i> , 2019, 4, 844.	3.0	0
135	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-e156.	4.3	0
136	<i>JAMA Cardiology</i> —The Year in Review, 2019. <i>JAMA Cardiology</i> , 2020, 5, 629-630.	3.0	0
137	Heroism in the Face of the COVID-19 Pandemic. <i>JAMA Cardiology</i> , 2020, 5, 1163.	3.0	0
138	Introduction to the Special Issue. <i>Global Cardiology Science &amp; Practice</i> , 2018, 2018, 34.	0.3	0
139	Editors' page. <i>Global Cardiology Science &amp; Practice</i> , 2017, 2017, e201716.	0.3	0