

Brian Richard Lindman

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

5,302
citations

87888

38
h-index

85541

71
g-index

101
all docs

101
docs citations

101
times ranked

6398
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcific aortic stenosis. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16006.	30.5	568
2	Frailty in Older Adults Undergoing Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2017, 70, 689-700.	2.8	561
3	Staging classification of aortic stenosis based on the extent of cardiac damage. <i>European Heart Journal</i> , 2017, 38, 3351-3358.	2.2	364
4	Incidence and Sequelae of Prosthesis-Patient Mismatch in Transcatheter Versus Surgical Valve Replacement in High-Risk Patients With Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1323-1334.	2.8	317
5	Comparison of Transcatheter and Surgical Aortic Valve Replacement in Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2514-2521.	2.8	218
6	Futility, Benefit, and Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 707-716.	2.9	180
7	Cardiovascular Phenotype in HFrEF Patients With or Without Diabetes. <i>Journal of the American College of Cardiology</i> , 2014, 64, 541-549.	2.8	157
8	Effect of Tricuspid Regurgitation and the Right Heart on Survival After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	3.9	148
9	Impact of pulmonary hypertension on outcomes after aortic valve replacement for aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1424-1430.	0.8	146
10	Current Management of Calcific Aortic Stenosis. <i>Circulation Research</i> , 2013, 113, 223-237.	4.5	146
11	Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 662-673.	2.9	122
12	Activin type II receptor signaling in cardiac aging and heart failure. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	95
13	Prognostic utility of novel biomarkers of cardiovascular stress in patients with aortic stenosis undergoing valve replacement. <i>Heart</i> , 2015, 101, 1382-1388.	2.9	90
14	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2609-2635.	2.8	89
15	ACC/AATS/AHA/ASE/EACTS/HVS/SCA/SCAI/SCCT/SCMR/STS 2017 Appropriate Use Criteria for the Treatment of Patients With Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2566-2598.	2.8	86
16	Outcomes in Patients With Transcatheter Aortic Valve Replacement and Left Main Stenting. <i>Journal of the American College of Cardiology</i> , 2016, 67, 951-960.	2.8	83
17	Intra-Aortic Balloon Counterpulsation in Patients With Chronic Heart Failure and Cardiogenic Shock: Clinical Response and Predictors of Stabilization. <i>Journal of Cardiac Failure</i> , 2015, 21, 868-876.	1.7	81
18	Delirium after surgical and transcatheter aortic valve replacement is associated with increased mortality. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 815-823.e2.	0.8	72

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19	Effects of Phosphodiesterase Type 5 Inhibition on Systemic and Pulmonary Hemodynamics and Ventricular Function in Patients With Severe Symptomatic Aortic Stenosis. <i>Circulation</i> , 2012, 125, 2353-2362.	1.6	66
20	Transcatheter Aortic Valve Replacement in Patients With End-Stage Renal Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2806-2815.	2.8	66
21	Abnormal Global Longitudinal Strain Predicts Future Deterioration of Left Ventricular Function in Heart Failure Patients With a Recovered Left Ventricular Ejection Fraction. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	65
22	Management of Asymptomatic Severe Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 481-493.	5.3	65
23	Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Diabetes and Severe Aortic Stenosis at High Risk for Surgery. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1090-1099.	2.8	61
24	Regression of Left Ventricular Mass After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2446-2458.	2.8	60
25	Pathophysiology and management of multivalvular disease. <i>Nature Reviews Cardiology</i> , 2016, 13, 429-440.	13.7	59
26	The Adverse Impact of Diabetes Mellitus on Left Ventricular Remodeling and Function in Patients With Severe Aortic Stenosis. <i>Circulation: Heart Failure</i> , 2011, 4, 286-292.	3.9	58
27	ACC/AATS/AHA/ASE/EACTS/HVS/SCA/SCAI/SCCT/SCMR/STS 2017 Appropriate Use Criteria for the Treatment of Patients With Severe Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 117-147.	2.8	54
28	Association of Cardiac Rehabilitation With Decreased Hospitalization and Mortality Risk After Cardiac Valve Surgery. <i>JAMA Cardiology</i> , 2019, 4, 1250.	6.1	53
29	Transapical Transcatheter Aortic Valve Replacement Is Associated With Increased Cardiac Mortality in Patients With Left Ventricular Dysfunction. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2414-2422.	2.9	52
30	Challenges Facing Early Career Academic Cardiologists. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2199-2208.	2.8	51
31	Echocardiographic Imaging of Procedural Complications During Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 288-318.	5.3	50
32	TRPV4 increases cardiomyocyte calcium cycling and contractility yet contributes to damage in the aged heart following hypoosmotic stress. <i>Cardiovascular Research</i> , 2019, 115, 46-56.	3.8	48
33	The incidence and prognostic implications of worsening right ventricular function after surgical or transcatheter aortic valve replacement: insights from PARTNER IIA. <i>European Heart Journal</i> , 2018, 39, 2659-2667.	2.2	46
34	Systemic inflammatory response syndrome after transcatheter or surgical aortic valve replacement. <i>Heart</i> , 2015, 101, 537-545.	2.9	45
35	Blood Pressure and Arterial Load After Transcatheter Aortic Valve Replacement for Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	45
36	Stress Testing in Asymptomatic Aortic Stenosis. <i>Circulation</i> , 2017, 135, 1956-1976.	1.6	43

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37	Evaluating Medical Therapy for Calcific Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2354-2376.	2.8	43
38	Clinical and Functional Outcomes Associated With Myocardial Injury After Transfemoral and Transapical Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1468-1479.	2.9	40
39	Association of Depression With Mortality in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2018, 3, 191.	6.1	36
40	Impact of renin-angiotensin system inhibitors on clinical outcomes in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement: an analysis of from the PARTNER 2 trial and registries. <i>European Heart Journal</i> , 2020, 41, 943-954.	2.2	34
41	Risk stratification in patients with pulmonary hypertension undergoing transcatheter aortic valve replacement. <i>Heart</i> , 2015, 101, 1656-1664.	2.9	32
42	Time to Treat Hypertension in Patients With Aortic Stenosis. <i>Circulation</i> , 2013, 128, 1281-1283.	1.6	31
43	Learning Alternative Access Approaches for Transcatheter Aortic Valve Replacement: Implications for New Transcatheter Aortic Valve Replacement Centers. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1399-1405.	1.3	31
44	Left Ventricular Hypertrophy and Clinical Outcomes Over 5 Years After TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1329-1339.	2.9	30
45	Priorities for Patient-Centered Research in Valvular Heart Disease: A Report From the National Heart, Lung, and Blood Institute Working Group. <i>Journal of the American Heart Association</i> , 2020, 9, e015975.	3.7	29
46	Low and elevated B-type natriuretic peptide levels are associated with increased mortality in patients with preserved ejection fraction undergoing transcatheter aortic valve replacement: an analysis of the PARTNER II trial and registry. <i>European Heart Journal</i> , 2020, 41, 958-969.	2.2	28
47	Preoperative pulmonary function tests predict mortality after surgical or transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 578-586.e2.	0.8	27
48	The Diabetic Heart Failure With Preserved Ejection Fraction Phenotype. <i>Circulation</i> , 2017, 135, 736-740.	1.6	26
49	Association of Acylcarnitines With Left Ventricular Remodeling in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2018, 3, 242.	6.1	26
50	Multimarker Approach to Identify Patients With Higher Mortality and Rehospitalization Rate After Surgical Aortic Valve Replacement for Aortic Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2172-2181.	2.9	26
51	Macrophages Promote Aortic Valve Cell Calcification and Alter STAT3 Splicing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e153-e165.	2.4	24
52	Biomarkers in Aortic Stenosis: A Systematic Review. <i>Structural Heart</i> , 2017, 1, 18-30.	0.6	23
53	Multimorbidity in Older Adults with Aortic Stenosis. <i>Clinics in Geriatric Medicine</i> , 2016, 32, 305-314.	2.6	21
54	Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008792.	3.9	18

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55	Managing Severe Aortic Stenosis in the COVID-19 Era. JACC: Cardiovascular Interventions, 2020, 13, 1937-1944.	2.9	18
56	Lower Blood Pressure After Transcatheter or Surgical Aortic Valve Replacement is Associated with Increased Mortality. Journal of the American Heart Association, 2019, 8, e014020.	3.7	17
57	Celecoxib Is Associated With Dystrophic Calcification and Aortic Valve Stenosis. JACC Basic To Translational Science, 2019, 4, 135-143.	4.1	16
58	Incidence and Clinical Significance of Worsening Tricuspid Regurgitation Following Surgical or Transcatheter Aortic Valve Replacement: Analysis From the PARTNER IIA Trial. Circulation: Cardiovascular Interventions, 2021, 14, e010437.	3.9	16
59	Effect of a pragmatic home-based mobile health exercise intervention after transcatheter aortic valve replacement: a randomized pilot trial. European Heart Journal Digital Health, 2021, 2, 90-103.	1.7	14
60	Association of Natriuretic Peptide Levels After Transcatheter Aortic Valve Replacement With Subsequent Clinical Outcomes. JAMA Cardiology, 2020, 5, 1113.	6.1	13
61	National Institutes of Health Career Development Awards for Cardiovascular Physician-Scientists. Journal of the American College of Cardiology, 2015, 66, 1816-1827.	2.8	12
62	Unloading the Stenotic Path to Identifying Medical Therapy for Calcific Aortic Valve Disease. Circulation, 2021, 143, 1455-1457.	1.6	12
63	Left Ventricular Hypertrophy and Biomarkers of Cardiac Damage and Stress in Aortic Stenosis. Journal of the American Heart Association, 2022, 11, e023466.	3.7	12
64	Clinical Implications of Physical Function and Resilience in Patients Undergoing Transcatheter Aortic Valve Replacement. Journal of the American Heart Association, 2020, 9, e017075.	3.7	11
65	Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Degenerated Surgical Aortic Bioprosthesis. JACC: Cardiovascular Interventions, 2018, 11, 1154-1160.	2.9	10
66	Neutrophil-to-Lymphocyte Ratios in Patients Undergoing Aortic Valve Replacement: The PARTNER Trials and Registries. Journal of the American Heart Association, 2022, 11, .	3.7	10
67	2019 AATS/ACC/ASE/SCAI/STS expert consensus systems of care document: A proposal to optimize care for patients with valvular heart disease. Catheterization and Cardiovascular Interventions, 2019, 94, 3-26.	1.7	8
68	2019 AATS/ACC/ASE/SCAI/STS expert consensus systems of care document: A proposal to optimize care for patients with valvular heart disease. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e327-e354.	0.8	8
69	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease. Annals of Thoracic Surgery, 2019, 107, 1884-1910.	1.3	8
70	Hypoattenuated Leaflet Thickening After Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Imaging, 2019, 12, e010151.	2.6	8
71	Racial, ethnic and socioeconomic disparities in patients undergoing transcatheter mitral edge-to-edge repair. International Journal of Cardiology, 2021, 344, 73-81.	1.7	8
72	Expression analysis and mapping of the mouse and human transcriptional regulator CA150. Mammalian Genome, 2000, 11, 930-933.	2.2	7

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73	Prevention and Mitigation of Heart Failure in the Treatment of Calcific Aortic Stenosis. <i>JAMA Cardiology</i> , 2021, 6, 993.	6.1	7
74	ACC/AATS/AHA/ASE/EACTS/HVS/SCA/SCAI/SCCT/SCMR/STS 2017 Appropriate use criteria for the treatment of patients with severe aortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 306-308y.	1.4	6
75	Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1533-1535.	2.8	5
76	Heterogeneity of systolic dysfunction in patients with severe aortic stenosis and preserved ejection fraction. <i>Journal of Cardiac Surgery</i> , 2017, 32, 454-461.	0.7	5
77	Shifting the Spotlight onto the Forgotten Ventricle: Role of the Right Ventricle in Low-Flow, Low-Gradient Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 334-336.	2.8	4
78	Fixing the Valve, But Injuring the Kidneys, With Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2061-2063.	2.9	4
79	The Alarm Blares for Undertreatment of Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2022, 79, 878-881.	2.8	4
80	Impact of blood pressure on coronary perfusion and valvular hemodynamics after aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1214-1224.	1.7	4
81	Implications of Left Ventricular Geometry in Low-Flow Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 367-368.	5.3	3
82	Characterisation of aortic stenosis severity: a retrospective analysis of echocardiography reports in a clinical laboratory. <i>Open Heart</i> , 2020, 7, e001331.	2.3	3
83	BNP during exercise: a novel use for a familiar biomarker in aortic stenosis. <i>Heart</i> , 2014, 100, 1567-1568.	2.9	2
84	Left Ventricular Mechanics in Aortic Stenosis: Fancy Tool or Clinically Useful?. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 826-828.	2.8	2
85	A Preliminary Study on the Usage of a Data-Driven Probabilistic Approach to Predict Valve Performance Under Different Physiological Conditions. <i>Annals of Biomedical Engineering</i> , 2022, 50, 941-950.	2.5	2
86	What Does Sex Have to Do With Transcatheter Aortic Valve Replacement?. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 21-23.	2.9	1
87	Clip It, Cut It, and Then Replace It. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2371-2373.	2.9	1
88	Incorporating the Patient Voice Into Shared Decision-Making for the Treatment of Aortic Stenosis. <i>JAMA Cardiology</i> , 2020, 5, 380.	6.1	1
89	Biomarker and Invasive Hemodynamic Assessment of Cardiac Damage Class in Aortic Stenosis. <i>Structural Heart</i> , 2021, 5, 208-217.	0.6	1
90	Baseline pro-inflammatory gene expression in whole blood is related to adverse long-term outcomes after transcatheter aortic valve replacement: a case control study. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 368.	1.7	1

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91	British Societies' recommendations for Heart Team multidisciplinary meetings: broadly relevant principles with anticipated regional differences in process. <i>Heart</i> , 2022, , heartjnl-2021-320775.	2.9	1
92	The CNP/NPR-B/cGMP Axis is a Therapeutic Target in Calcific Aortic Stenosis. <i>JACC Basic To Translational Science</i> , 2021, 6, 1003-1006.	4.1	1
93	Using Gait Speed to Refine Risk Assessment in Older Patients Undergoing Cardiac Surgery. <i>JAMA Cardiology</i> , 2016, 1, 321.	6.1	0
94	Clinical Evaluation of a Patient with Asymptomatic Severe Aortic Stenosis. <i>Cardiovascular Innovations and Applications</i> , 2018, 2, .	0.3	0
95	Engage or Run. <i>Linacre quarterly, The</i> , 2018, 85, 215-217.	0.2	0
96	The Authors's Reply:. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1897-1898.	5.3	0
97	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 683-707.	2.8	0
98	Uncovering the Phenotypic Heterogeneity of Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010786.	2.6	0
99	Cancer and TAVR. <i>JACC: CardioOncology</i> , 2020, 2, 744-746.	4.0	0
100	Relation of Subacute Kidney Injury to Mortality After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2022, 165, 81-87.	1.6	0