

Gregory M Scalia

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

3,379
citations

186265

28
h-index

161849

54
g-index

121
all docs

121
docs citations

121
times ranked

3060
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter Mitral Valve Replacement for Patients With Symptomatic Mitral Regurgitation. Journal of the American College of Cardiology, 2017, 69, 381-391.	2.8	257
2	Poor Long-Term Survival in Patients With Moderate Aortic Stenosis. Journal of the American College of Cardiology, 2019, 74, 1851-1863.	2.8	255
3	Early results with partial left ventriculectomy. Journal of Thoracic and Cardiovascular Surgery, 1997, 114, 755-765.	0.8	231
4	A new approach to assess myocardial work by non-invasive left ventricular pressure-strain relations in hypertension and dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2019, 20, 31-39.	1.2	229
5	Lack of effect of coenzyme Q on left ventricular function in patients with congestive heart failure1 Coenzyme Q and matching placebo tablets were supplied by Health World Limited, Brisbane, Australia.. Journal of the American College of Cardiology, 1999, 33, 1549-1552.	2.8	145
6	Global Myocardial Work Is Superior to Global Longitudinal Strain to Predict Significant Coronary Artery Disease in Patients With Normal Left Ventricular Function and Wall Motion. Journal of the American Society of Echocardiography, 2019, 32, 947-957.	2.8	142
7	Partial left ventriculectomy and mitral valve repair for end-stage congestive heart failure1. European Journal of Cardio-thoracic Surgery, 1998, 13, 337-343.	1.4	120
8	Clinical Utility of Echocardiography in the Management of Implantable Ventricular Assist Devices. Journal of the American Society of Echocardiography, 2000, 13, 754-763.	2.8	117
9	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. Journal of the American Society of Echocardiography, 2019, 32, 1396-1406.e2.	2.8	110
10	Recommended Standards for the Performance of Transesophageal Echocardiographic Screening for Structural Heart Intervention: From the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2022, 35, 1-76.	2.8	95
11	Threshold of Pulmonary Hypertension Associated With Increased Mortality. Journal of the American College of Cardiology, 2019, 73, 2660-2672.	2.8	80
12	Noninvasive Assessment of the Ventricular Relaxation Time Constant (τ_{vw}) in Humans by Doppler Echocardiography. Circulation, 1997, 95, 151-155.	1.6	76
13	Left Ventricular Global Strain Analysis by Two-Dimensional Speckle-Tracking Echocardiography: The Learning Curve. Journal of the American Society of Echocardiography, 2017, 30, 1081-1090.	2.8	74
14	Ejection fraction and mortality: a nationwide register-based cohort study of 499,153 women and men. European Journal of Heart Failure, 2021, 23, 406-416.	7.1	62
15	Nutritional Deficiency of Selenium Secondary to Weight Loss (Bariatric) Surgery Associated with Life-Threatening Cardiomyopathy. Heart Lung and Circulation, 2007, 16, 123-126.	0.4	61
16	Diastolic dysfunction and mortality in 436,360 men and women: the National Echo Database Australia (NEDA). European Heart Journal Cardiovascular Imaging, 2021, 22, 505-515.	1.2	60
17	Left and right atrial transport function after the maze procedure for atrial fibrillation: An echocardiographic Doppler follow-up study. Journal of the American Society of Echocardiography, 1997, 10, 937-945.	2.8	53
18	Two-Dimensional Echocardiographic Right Ventricular Size and Systolic Function Measurements Stratified by Sex, Age, and Ethnicity: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2021, 34, 1148-1157.e1.	2.8	51

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19	Normal Values of Left Atrial Size and Function and the Impact of Age: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 154-164.e3.	2.8	47
20	ePLAR – The echocardiographic Pulmonary to Left Atrial Ratio – A novel non-invasive parameter to differentiate pre-capillary and post-capillary pulmonary hypertension. <i>International Journal of Cardiology</i> , 2016, 212, 379-386.	1.7	46
21	The National Echocardiography Database Australia (NEDA): Rationale and methodology. <i>American Heart Journal</i> , 2018, 204, 186-189.	2.7	45
22	Doppler tissue echocardiographic features of cardiac amyloidosis. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 1353-1360.	2.8	40
23	Percutaneous mitral valve repair with the MitraClip: early results from the MitraClip Asia-Pacific Registry (MARS). <i>EuroIntervention</i> , 2014, 10, 620-625.	3.2	40
24	Radiation Exposure of Operators Performing Transesophageal Echocardiography During Percutaneous Structural Cardiac Interventions. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1246-1254.	2.8	38
25	Normal Values of Right Atrial Size and Function According to Age, Sex, and Ethnicity: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 286-300.	2.8	38
26	Intervendor consistency and reproducibility of left ventricular 2D global and regional strain with two different high-end ultrasound systems. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, jew120.	1.2	35
27	Successful treatment of incessant atrial flutter with excision of congenital giant right atrial aneurysm diagnosed by transesophageal echocardiography. <i>American Heart Journal</i> , 1995, 129, 834-835.	2.7	32
28	The Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?. <i>Heart Lung and Circulation</i> , 2012, 21, 267-274.	0.4	32
29	Accuracy of quantitative echocardiographic measures of right ventricular function as compared to cardiovascular magnetic resonance. <i>IJC Heart and Vasculature</i> , 2016, 12, 38-44.	1.1	32
30	Left Ventricular Diastolic Function in Healthy Adult Individuals: Results of the World Alliance Societies of Echocardiography Normal Values Study. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1223-1233.	2.8	30
31	Normal Values of Cardiac Output and Stroke Volume According to Measurement Technique, Age, Sex, and Ethnicity: Results of the World Alliance of Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1077-1085.e1.	2.8	30
32	Intraoperative Transesophageal Echocardiography in Minimally Invasive Cardiac Valve Surgery. <i>Journal of the American Society of Echocardiography</i> , 1999, 12, 231-236.	2.8	27
33	Early Experience of Transaortic TAVI – The Future of Surgical TAVI?. <i>Heart Lung and Circulation</i> , 2013, 22, 265-269.	0.4	26
34	Left atrial strain imaging differentiates cardiac amyloidosis and hypertensive heart disease. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 81-90.	1.5	25
35	Position Statement for the Operator and Institutional Requirements for a Transcatheter Aortic Valve Implantation (TAVI) Program. <i>Heart Lung and Circulation</i> , 2015, 24, 219-223.	0.4	24
36	Poor Survival with Impaired Valvular Hemodynamics After Aortic Valve Replacement: The National Echo Database Australia Study. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1077-1086.e1.	2.8	24

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37	Left atrial size “Another Differentiator for Cardiac Amyloidosis. Heart Lung and Circulation, 2011, 20, 574-578.	0.4	23
38	IgG4-related systemic disease with coronary arteritis and aortitis, causing recurring critical coronary ischemia. International Journal of Cardiology, 2015, 201, 33-34.	1.7	21
39	Non-Invasive Assessment of Pulmonary Vascular Resistance in Pulmonary Hypertension: Current Knowledge and Future Direction. Heart Lung and Circulation, 2017, 26, 323-330.	0.4	21
40	Myocardial Work: A New Type of Strain Imaging?. Journal of the American Society of Echocardiography, 2020, 33, 1209-1211.	2.8	21
41	Quantitation of mitral regurgitation after percutaneous MitraClip repair: comparison of Doppler echocardiography and cardiac magnetic resonance imaging. Annals of Cardiothoracic Surgery, 2015, 4, 341-51.	1.7	21
42	Pericardiocentesis “How to do it. Heart Lung and Circulation, 2015, 24, 621-625.	0.4	20
43	The MitraClip Asia-Pacific registry: Differences in outcomes between functional and degenerative mitral regurgitation. Catheterization and Cardiovascular Interventions, 2016, 87, E275-81.	1.7	19
44	Reproducibility of global left atrial strain and strain rate between novice and expert using multi-vendor analysis software. International Journal of Cardiovascular Imaging, 2019, 35, 419-426.	1.5	19
45	Change in ejection fraction and long-term mortality in adults referred for echocardiography. European Journal of Heart Failure, 2021, 23, 555-563.	7.1	19
46	The Prognostic Value of the Diastolic Stress Test in Patients Undergoing Treadmill Stress Echocardiography. Journal of the American Society of Echocardiography, 2019, 32, 1298-1306.	2.8	18
47	Early Changes of Myocardial Function After Transcatheter Aortic Valve Implantation Using Multilayer Strain Speckle Tracking Echocardiography. American Journal of Cardiology, 2019, 123, 956-960.	1.6	18
48	Improving the echocardiographic assessment of pulmonary pressure using the tricuspid regurgitant signal “The “echin” vs the “beard”. Echocardiography, 2018, 35, 1085-1096.	0.9	16
49	Normal Values of Aortic Root Size According to Age, Sex, and Race: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 267-274.	2.8	15
50	Doppler echo evaluation of pulmonary venous-left atrial pressure gradients: human and numerical model studies. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H594-H600.	3.2	14
51	Uncovering the treatable burden of severe aortic stenosis in Australia: current and future projections within an ageing population. BMC Health Services Research, 2021, 21, 790.	2.2	14
52	Stroke, Aortic Vegetations and Disseminated Adenocarcinoma “A Case of Marantic Endocarditis. Heart Lung and Circulation, 2012, 21, 234-236.	0.4	13
53	Female False Positive Exercise Stress ECG Testing “Fact Versus Fiction. Heart Lung and Circulation, 2019, 28, 735-741.	0.4	13
54	Normal Values of Left Ventricular Size and Function on Three-Dimensional Echocardiography: Results of the World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 449-459.	2.8	13

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55	Age-Related Changes in Heart Function by Serial Echocardiography in Women Aged 40–80 Years. <i>Journal of Women's Health</i> , 2010, 19, 1741-1745.	3.3	12
56	The New Dimension in Aortic Measurements - Use of the Inner Edge Measurement for the Thoracic Aorta in Australian Patients. <i>Heart Lung and Circulation</i> , 2015, 24, 1104-1110.	0.4	11
57	Three-Dimensional Transthoracic Static and Dynamic Normative Values of the Mitral Valve Apparatus: Results from the Multicenter World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 738-751.e1.	2.8	11
58	Left Heart Disease and Pulmonary Hypertension: Are We Seeing the Full Picture?. <i>Heart Lung and Circulation</i> , 2018, 27, 301-309.	0.4	10
59	Mitral valve bio-prosthesis and annuloplasty thrombosis during extracorporeal membrane oxygenation: case series. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-6.	0.6	10
60	Three-dimensional printed cardiac fistulae: a case series. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	9
61	The Relative Atrial Index (RAI) – A Novel, Simple, Reliable, and Robust Transthoracic Echocardiographic Indicator of Atrial Defects. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 275-281.	2.8	8
62	The Return of the Normal Heart: Resolution of Cardiac Amyloidosis After Chemotherapy and Bone Marrow Transplantation. <i>Heart Lung and Circulation</i> , 2013, 22, 655-660.	0.4	8
63	Transapical Transcatheter Mitral Valve-in-Valve Implantation Using an Edwards SAPIEN 3 Valve. <i>Heart Lung and Circulation</i> , 2017, 26, e19-e21.	0.4	8
64	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. <i>Echo Research and Practice</i> , 2019, 6, 25-35.	2.5	8
65	Contrast microsphere enhancement of the tricuspid regurgitant spectral Doppler signal - Is it still necessary with contemporary scanners?. <i>IJC Heart and Vasculature</i> , 2017, 17, 1-10.	1.1	7
66	The Learning Curve for Competency in Right Ventricular Longitudinal Strain Analysis. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 512-514.	2.8	6
67	Myocardial work and left ventricular contractile reserve during stress echocardiography: An angiographic validation. <i>Echocardiography</i> , 2021, 38, 1711-1721.	0.9	6
68	Anesthetic considerations for the patient undergoing partial left ventriculectomy (batista) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	1.3	5
69	Immediate Closure of Paravalvular Leak After Transcatheter Aortic Valve Implantation. <i>Heart Lung and Circulation</i> , 2014, 23, e251-e253.	0.4	5
70	Advanced Echocardiography for the Diagnosis and Management of Infective Endocarditis. , 0, , .		5
71	Diastolic strain imaging: a new non-invasive tool to detect subclinical myocardial dysfunction in early cardiac allograft rejection. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 317-323.	1.5	5
72	Resting global myocardial work can improve interpretation of exercise stress echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2409-2417.	1.5	5

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73	Left atrial reservoir strain provides incremental value to left atrial volume index for evaluation of left ventricular filling pressure. <i>Echocardiography</i> , 2021, 38, 1503-1513.	0.9	5
74	Conservative Management and Resolution of a Contained Rupture of Aortic Annulus Following Transcatheter Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, e33-e34.	2.9	4
75	Acute life-threatening reversible pulmonary vasoconstrictive reaction to bleomycin chemotherapy demonstrating the clinical application of ePLAR – echocardiographic Pulmonary to Left Atrial Ratio. <i>International Journal of Cardiology</i> , 2016, 215, 438-440.	1.7	4
76	Regression of the Anatomic Cardiac Features of Amyloid Light Chain Cardiac Amyloidosis Accompanied by Normalization of Global Longitudinal Strain. <i>Case</i> , 2017, 1, 46-48.	0.3	4
77	Usefulness of Mitral Valve Prosthetic or Bioprosthetic Time Velocity Index Ratio to Detect Prosthetic or Bioprosthetic Mitral Valve Dysfunction. <i>American Journal of Cardiology</i> , 2017, 120, 1373-1380.	1.6	4
78	Transcatheter mitral valve intervention: an emerging treatment for mitral regurgitation. <i>Internal Medicine Journal</i> , 2018, 48, 382-390.	0.8	4
79	A Rare Case of a Giant Coronary Sinus with Focal Aneurysm Secondary to Multiple Fistulous Connections Arising from a Dilated, Tortuous Left Circumflex Coronary Artery. <i>Case</i> , 2018, 2, 99-102.	0.3	4
80	Estimation of the Blood Pressure Response With Exercise Stress Testing. <i>Heart Lung and Circulation</i> , 2019, 28, 742-751.	0.4	4
81	Advantage and validation of vendor-independent software for myocardial strain analysis compared to vendor-specific software. <i>Australasian Journal of Ultrasound in Medicine</i> , 2021, 24, 48-57.	0.6	4
82	Global longitudinal strain as a prognostic marker in cardiac resynchronisation therapy: A systematic review. <i>IJC Heart and Vasculature</i> , 2021, 35, 100849.	1.1	4
83	Sex-, Age-, and Race-Related Normal Values of Right Ventricular Diastolic Function Parameters: Data from the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 426-434.	2.8	4
84	True Bicuspid Aortic Valves are Rare Compared with Functionally Bicuspid Aortic Valves. <i>Heart Lung and Circulation</i> , 2008, 17, S63.	0.4	3
85	Perforated Mitral Valve Annular Phlegmon with Ventriculo-atrial Fistula. <i>Heart Lung and Circulation</i> , 2013, 22, 221-223.	0.4	3
86	Hernia of the diaphragmatic caval foramen causing right atrial – caval obstruction and pulmonary embolism. <i>International Journal of Cardiology</i> , 2016, 207, 215-216.	1.7	3
87	Contrast Microsphere Destruction by a Continuous Flow Ventricular Assist Device: An In Vitro Evaluation Using a Mock Circulation Loop. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	3
88	Percutaneous Transvenous Mitral Valve-in-Valve Implantation Using Commercially Available Transcatheter Valve. First Australian Experience. <i>Heart Lung and Circulation</i> , 2018, 27, e42-e45.	0.4	3
89	Echocardiographic Pulmonary to Left Atrial Ratio (ePLAR): A Comparison Study between Ironman Athletes, Age Matched Controls and A General Community Cohort. <i>Journal of Clinical Medicine</i> , 2019, 8, 1756.	2.4	3
90	The prognostic value of estimating stroke volume before and after exercise during treadmill stress echocardiography. <i>Echocardiography</i> , 2020, 37, 1809-1819.	0.9	3

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91	First Australian Transapical Mitral Valve-in-Valve Implant for a Failed Mitral Bioprosthesis: How To Do It. <i>Heart Lung and Circulation</i> , 2012, 21, 737-739.	0.4	2
92	Incremental value of ePLAR “ echocardiographic Pulmonary to Left Atrial Ratio “ in the diagnosis of chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2016, 221, 141-143.	1.7	2
93	Transthyretin Cardiac Amyloidosis: A Noninvasive Multimodality Approach to Diagnosis Using Transthoracic Echocardiography, 99m-Tc-Labeled Phosphate Bone Scanning, and Cardiac Magnetic Resonance Imaging. <i>Case</i> , 2017, 1, 49-53.	0.3	2
94	Multimodality Imaging to Diagnose Isolated Cardiac Sarcoidosis and Determine Regional Inflammatory Activity Levels. <i>Case</i> , 2017, 1, 171-175.	0.3	2
95	Operator and Institutional Requirements for Transcatheter Mitral Valve Therapies in Australia: a CSANZ and ANZSCTS Position Statement. <i>Heart Lung and Circulation</i> , 2021, 30, 1805-1810.	0.4	2
96	Novel left and right ventricular strain analysis to detect subclinical myocardial dysfunction in cardiac allograft rejection. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1077-1088.	1.5	2
97	What are the prognostic implications and factors relating to exercise induced electrocardiographic ST segment changes in the setting of a non-ischemic stress echocardiogram?. <i>International Journal of Cardiology</i> , 2022, , .	1.7	2
98	Early results with the batista procedure for end-stage heart failure. <i>Heart, Lung and Circulation</i> , 1998, 7, 10-15.	0.1	1
99	Is coenzyme Q ₁₀ helpful for patients with idiopathic cardiomyopathy?. <i>Medical Journal of Australia</i> , 2001, 175, 447-447.	1.7	1
100	Effect of lifestyle factors and hormone therapy on heart function by serial echocardiography in postmenopausal women. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2010, 50, 87-92.	1.0	1
101	Percutaneous Closure of an Aortic Prosthetic Paravalvar Leak: An Australian First. <i>Heart Lung and Circulation</i> , 2012, 21, 174-177.	0.4	1
102	Myofibrillar Cardiomyopathy due to a Novel Desmin Gene Mutation: Complementary Role of Echocardiography, Cardiac Magnetic Resonance, and Genetic Testing in Delineating Diagnosis. <i>Case</i> , 2017, 1, 28-33.	0.3	1
103	Dramatic Normalization of the Echocardiographic Pulmonary “to “Left Atrial Ratio with Thrombolysis in a Case of Life-Threatening Submassive Pulmonary Emboli. <i>Case</i> , 2017, 1, 124-127.	0.3	1
104	Incremental Value of ePLAR “The Echocardiographic Pulmonary to Left Atrial Ratio in the Assessment of Sub-Massive Pulmonary Emboli. <i>Journal of Clinical Medicine</i> , 2020, 9, 247.	2.4	1
105	Top End Pulmonary Hypertension Study: Understanding Epidemiology, Therapeutic Gaps and Prognosis in Remote Australian Setting. <i>Heart Lung and Circulation</i> , 2021, 30, 507-515.	0.4	1
106	Echocardiography in chest trauma. , 0, , 21-32.		1
107	Impact of inter “ vendor variability on evaluation of left ventricular mechanical dispersion. <i>Echocardiography</i> , 2022, 39, 54-64.	0.9	1
108	Corrigendum to “The Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?” [Heart Lung Circ. 21 (2012) 267 “ 274]. <i>Heart Lung and Circulation</i> , 2012, 21, 606-609.	0.4	0

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109	O180 Quantitation Of Mitral Regurgitation After Percutaneous Mitraclip Repair Using Cardiac Magnetic Resonance - Reproducibility And Comparison With Echocardiography. , 2014, 9, e49-e50.		0
110	Percutaneous Approach to the Mitral Valve: The Prince Charles Experience. Heart Lung and Circulation, 2017, 26, S397.	0.4	0
111	Pulmonary Hypertension in Remote and Disadvantaged Population: Overcoming Unique Challenges for Improved Outcomes. Internal Medicine Journal, 0, , .	0.8	0