

# 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	Recommended Standards for the Performance of Transesophageal Echocardiographic Screening for Structural Heart Intervention: From the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 1-76.	2.8	95
2	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
3	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
4	Normal Values of Aortic Root Size According to Age, Sex, and Race: Results of the World Alliance of Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 267-274.	2.8	15
5	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
6	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
7	Normal Values of Left Ventricular Size and Function on Three-Dimensional Echocardiography: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 449-459.	2.8	13
8	Impact of inter-vendor variability on evaluation of left ventricular mechanical dispersion. <i>Echocardiography</i> , 2022, 39, 54-64.	0.9	1
9	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
10	Ejection fraction and mortality: a nationwide register-based cohort study of 499,153 women and men. <i>European Journal of Heart Failure</i> , 2021, 23, 406-416.	7.1	62
11	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
12	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
13	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
14	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
15	Diastolic dysfunction and mortality in 436,360 men and women: the National Echo Database Australia (NEDA). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 505-515.	1.2	60
16	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
17	Change in ejection fraction and long-term mortality in adults referred for echocardiography. <i>European Journal of Heart Failure</i> , 2021, 23, 555-563.	7.1	19
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. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1148-1157.e1.	2.8	51

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19	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
20	Uncovering the treatable burden of severe aortic stenosis in Australia: current and future projections within an ageing population. <i>BMC Health Services Research</i> , 2021, 21, 790.	2.2	14
21	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
22	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
23	Myocardial work and left ventricular contractile reserve during stress echocardiography: An angiographic validation. <i>Echocardiography</i> , 2021, 38, 1711-1721.	0.9	6
24	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
25	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
26	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
27	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
28	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
29	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
30	Myocardial Work: A New Type of Strain Imaging?. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1209-1211.	2.8	21
31	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
32	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
33	The Prognostic Value of the Diastolic Stress Test in Patients Undergoing Treadmill Stress Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1298-1306.	2.8	18
34	Three-dimensional printed cardiac fistulae: a case series. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	9
35	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1396-1406.e2.	2.8	110
36	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

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37	Poor Long-Term Survival in Patients With Moderate Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1851-1863.	2.8	255
38	Threshold of Pulmonary Hypertension Associated With Increased Mortality. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2660-2672.	2.8	80
39	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. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 947-957.	2.8	142
40	Early Changes of Myocardial Function After Transcatheter Aortic Valve Implantation Using Multilayer Strain Speckle Tracking Echocardiography. <i>American Journal of Cardiology</i> , 2019, 123, 956-960.	1.6	18
41	Reproducibility of global left atrial strain and strain rate between novice and expert using multi-vendor analysis software. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 419-426.	1.5	19
42	A new approach to assess myocardial work by non-invasive left ventricular pressure-strain relations in hypertension and dilated cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 31-39.	1.2	229
43	Female False Positive Exercise Stress ECG Testing – Fact Versus Fiction. <i>Heart Lung and Circulation</i> , 2019, 28, 735-741.	0.4	13
44	Estimation of the Blood Pressure Response With Exercise Stress Testing. <i>Heart Lung and Circulation</i> , 2019, 28, 742-751.	0.4	4
45	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
46	Improving the echocardiographic assessment of pulmonary pressure using the tricuspid regurgitant signal – The “echin” vs the “beard”. <i>Echocardiography</i> , 2018, 35, 1085-1096.	0.9	16
47	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
48	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
49	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
50	Transcatheter mitral valve intervention: an emerging treatment for mitral regurgitation. <i>Internal Medicine Journal</i> , 2018, 48, 382-390.	0.8	4
51	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
52	The National Echocardiography Database Australia (NEDA): Rationale and methodology. <i>American Heart Journal</i> , 2018, 204, 186-189.	2.7	45
53	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
54	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

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55	Regression of the Anatomic Cardiac Features of Amyloid Light Chain Cardiac Amyloidosis Accompanied by Normalization of Global Longitudinal Strain. Case, 2017, 1, 46-48.	0.3	4
56	Myofibrillar Cardiomyopathy due to a Novel Desmin Gene Mutation: Complementary Role of Echocardiography, Cardiac Magnetic Resonance, and Genetic Testing in Delineating Diagnosis. Case, 2017, 1, 28-33.	0.3	1
57	Transcatheter Mitral Valve Replacement for Patients With Symptomatic Mitral Regurgitation. Journal of the American College of Cardiology, 2017, 69, 381-391.	2.8	257
58	Multimodality Imaging to Diagnose Isolated Cardiac Sarcoidosis and Determine Regional Inflammatory Activity Levels. Case, 2017, 1, 171-175.	0.3	2
59	Percutaneous Approach to the Mitral Valve: The Prince Charles Experience. Heart Lung and Circulation, 2017, 26, S397.	0.4	0
60	Contrast microsphere enhancement of the tricuspid regurgitant spectral Doppler signal - Is it still necessary with contemporary scanners?. IJC Heart and Vasculature, 2017, 17, 1-10.	1.1	7
61	Usefulness of Mitral Valve Prosthetic or Bioprosthetic Time Velocity Index Ratio to Detect Prosthetic or Bioprosthetic Mitral Valve Dysfunction. American Journal of Cardiology, 2017, 120, 1373-1380.	1.6	4
62	Dramatic Normalization of the Echocardiographic Pulmonary to Left Atrial Ratio with Thrombolysis in a Case of Life-Threatening Submassive Pulmonary Emboli. Case, 2017, 1, 124-127.	0.3	1
63	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
64	Transapical Transcatheter Mitral Valve-in-Valve Implantation Using an Edwards SAPIEN 3 Valve. Heart Lung and Circulation, 2017, 26, e19-e21.	0.4	8
65	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
66	Contrast Microsphere Destruction by a Continuous Flow Ventricular Assist Device: An In Vitro Evaluation Using a Mock Circulation Loop. BioMed Research International, 2017, 2017, 1-9.	1.9	3
67	Incremental value of ePLAR echocardiographic Pulmonary to Left Atrial Ratio in the diagnosis of chronic thromboembolic pulmonary hypertension. International Journal of Cardiology, 2016, 221, 141-143.	1.7	2
68	ePLAR The echocardiographic Pulmonary to Left Atrial Ratio A novel non-invasive parameter to differentiate pre-capillary and post-capillary pulmonary hypertension. International Journal of Cardiology, 2016, 212, 379-386.	1.7	46
69	Acute life-threatening reversible pulmonary vasoconstrictive reaction to bleomycin chemotherapy demonstrating the clinical application of ePLAR echocardiographic Pulmonary to Left Atrial Ratio. International Journal of Cardiology, 2016, 215, 438-440.	1.7	4
70	Hernia of the diaphragmatic caval foramen causing right atrial mass, caval obstruction and pulmonary embolism. International Journal of Cardiology, 2016, 207, 215-216.	1.7	3
71	Accuracy of quantitative echocardiographic measures of right ventricular function as compared to cardiovascular magnetic resonance. IJC Heart and Vasculature, 2016, 12, 38-44.	1.1	32
72	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

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73	Pericardiocentesis â€œ How to do it. Heart Lung and Circulation, 2015, 24, 621-625.	0.4	20
74	The New Dimension in Aortic Measurements - Use of the Inner Edge Measurement for the Thoracic Aorta in Australian Patients. Heart Lung and Circulation, 2015, 24, 1104-1110.	0.4	11
75	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
76	Position Statement for the Operator and Institutional Requirements for a Transcatheter Aortic Valve Implantation (TAVI) Program. Heart Lung and Circulation, 2015, 24, 219-223.	0.4	24
77	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
78	Immediate Closure of Paravalvular Leak After Transcatheter Aortic Valve Implantation. Heart Lung and Circulation, 2014, 23, e251-e253.	0.4	5
79	O180 Quantitation Of Mitral Regurgitation After Percutaneous Mitraclip Repair Using Cardiac Magnetic Resonance - Reproducibility And Comparison With Echocardiography. , 2014, 9, e49-e50.		0
80	Percutaneous mitral valve repair with the MitraClip: early results from the MitraClip Asia-Pacific Registry (MARS). EuroIntervention, 2014, 10, 620-625.	3.2	40
81	The Return of the Normal Heart: Resolution of Cardiac Amyloidosis After Chemotherapy and Bone Marrow Transplantation. Heart Lung and Circulation, 2013, 22, 655-660.	0.4	8
82	Early Experience of Transaortic TAVIâ€”The Future of Surgical TAVI?. Heart Lung and Circulation, 2013, 22, 265-269.	0.4	26
83	Conservative Management and Resolution of a Contained Rupture of Aortic Annulus Following Transcatheter Valve Replacement. JACC: Cardiovascular Interventions, 2013, 6, e33-e34.	2.9	4
84	Perforated Mitral Valve Annular Phlegmon with Ventriculo-atrial Fistula. Heart Lung and Circulation, 2013, 22, 221-223.	0.4	3
85	Stroke, Aortic Vegetations and Disseminated Adenocarcinoma â€œ A Case of Marantic Endocarditis. Heart Lung and Circulation, 2012, 21, 234-236.	0.4	13
86	Percutaneous Closure of an Aortic Prosthetic Paravalvar Leak: An Australian First. Heart Lung and Circulation, 2012, 21, 174-177.	0.4	1
87	The Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?. Heart Lung and Circulation, 2012, 21, 267-274.	0.4	32
88	First Australian Transapical Mitral Valve-in-Valve Implant for a Failed Mitral Bioprosthesis: How To Do It. Heart Lung and Circulation, 2012, 21, 737-739.	0.4	2
89	Corrigendum to â€œThe Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?â€•[Heart Lung Circ. 21 (2012) 267â€”274]. Heart Lung and Circulation, 2012, 21, 606-609.	0.4	0
90	Left atrial sizeâ€”Another Differentiator for Cardiac Amyloidosis. Heart Lung and Circulation, 2011, 20, 574-578.	0.4	23

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91	Effect of lifestyle factors and hormone therapy on heart function by serial echocardiography in postmenopausal women. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2010, 50, 87-92.	1.0	1
92	Age-Related Changes in Heart Function by Serial Echocardiography in Women Aged 40â€“80 Years. Journal of Women's Health, 2010, 19, 1741-1745.	3.3	12
93	The Relative Atrial Index (RAI)â€”A Novel, Simple, Reliable, and Robust Transthoracic Echocardiographic Indicator of Atrial Defects. Journal of the American Society of Echocardiography, 2010, 23, 275-281.	2.8	8
94	True Bicuspid Aortic Valves are Rare Compared with Functionally Bicuspid Aortic Valves. Heart Lung and Circulation, 2008, 17, S63.	0.4	3
95	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
96	Doppler tissue echocardiographic features of cardiac amyloidosis. Journal of the American Society of Echocardiography, 2002, 15, 1353-1360.	2.8	40
97	Is coenzyme Q <sub>10</sub> helpful for patients with idiopathic cardiomyopathy?. Medical Journal of Australia, 2001, 175, 447-447.	1.7	1
98	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
99	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
100	Intraoperative Transesophageal Echocardiography in Minimally Invasive Cardiac Valve Surgery. Journal of the American Society of Echocardiography, 1999, 12, 231-236.	2.8	27
101	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
102	Early results with the batista procedure for end-stage heart failure. Heart, Lung and Circulation, 1998, 7, 10-15.	0.1	1
103	Anesthetic considerations for the patient undergoing partial left ventriculectomy (batista) Tj ETQq1 1 0.784314 rgBT, /Overlock 10 Tf 1.3		
104	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
105	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
106	Early results with partial left ventriculectomy. Journal of Thoracic and Cardiovascular Surgery, 1997, 114, 755-765.	0.8	231
107	Noninvasive Assessment of the Ventricular Relaxation Time Constant ( $\tau_{v}$ ) in Humans by Doppler Echocardiography. Circulation, 1997, 95, 151-155.	1.6	76
108	Successful treatment of incessant atrial flutter with excision of congenital giant right atrial aneurysm diagnosed by transesophageal echocardiography. American Heart Journal, 1995, 129, 834-835.	2.7	32

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109	Advanced Echocardiography for the Diagnosis and Management of Infective Endocarditis. , 0, , .		5
110	Echocardiography in chest trauma. , 0, , 21-32.		1
111	Pulmonary Hypertension in Remote and Disadvantaged Population: Overcoming Unique Challenges for Improved Outcomes. Internal Medicine Journal, 0, , .	0.8	0