

# Gilbert H L Tang

## List of Publications by Year in descending order

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115  
papers

2,778  
citations

236925

25  
h-index

197818

49  
g-index

115  
all docs

115  
docs citations

115  
times ranked

1986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. <i>European Heart Journal</i> , 2019, 40, 441-451.	2.2	271
2	Coronary Angiography and Percutaneous Coronary Intervention After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1360-1378.	2.8	194
3	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 182-193.	2.9	186
4	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1451-1461.	2.9	160
5	Alignment of Transcatheter Aortic-Valve Neo-Commissures (ALIGN TAVR). <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1030-1042.	2.9	143
6	Right Ventricular-Pulmonary Arterial Coupling and Afterload Reserve in Patients Undergoing Transcatheter Tricuspid Valve Repair. <i>Journal of the American College of Cardiology</i> , 2022, 79, 448-461.	2.8	96
7	Optimal Treatment of Uncomplicated Type A Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1494-1504.	2.8	95
8	A Cardiac Computed Tomography-Based Score to Categorize Mitral Annular Calcification Severity and Predict Valve Embolization. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1945-1957.	5.3	91
9	Open Atrial Transcatheter Mitral Valve Replacement in Patients With Mitral Annular Calcification. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1437-1448.	2.8	85
10	Surgical Explantation After TAVR Failure. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1978-1991.	2.9	67
11	Three Generations of Self-Expanding Transcatheter Aortic Valves. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 170-179.	2.9	66
12	Incidence, Characteristics, Predictors, and Outcomes of Surgical Explantation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1848-1859.	2.8	56
13	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1251-1261.	2.9	52
14	Impact of Cusp-Overlap View for TAVR with Self-Expandable Valves on 30-Day Conduction Disturbances. <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-7.	1.2	50
15	Feasibility of Repeat TAVR After SAPIEN 3 TAVR. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1290-1292.	2.9	49
16	Prospective Study of TMVR Using Balloon-Expandable Aortic Transcatheter Valves in MAC. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 830-845.	2.9	49
17	Impact of Initial Evolut Transcatheter Aortic Valve Replacement Deployment Orientation on Final Valve Orientation and Coronary Reaccess. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008044.	3.9	43
18	Transcatheter Valve Neo-Commissural Overlap With Coronary Orifices After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e007263.	3.9	38

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19	Infective Endocarditis After Surgical and Transcatheter Aortic Valve Replacement: A State of the Art Review. <i>Journal of the American Heart Association</i> , 2020, 9, e017347.	3.7	38
20	Outcomes of Prosthesis-Patient Mismatch Following Supra-Annular Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 964-976.	2.9	38
21	Impact of Aortic Root Anatomy and Geometry on Paravalvular Leak in Transcatheter Aortic Valve Replacement With Extremely Large Annuli Using the Edwards SAPIEN 3 Valve. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1377-1387.	2.9	37
22	Balloon-Expandable Valve for Treatment of Evolut Valve Failure. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 368-377.	2.9	37
23	The train has left: Can surgeons still get a ticket to treat structural heart disease?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2369-2376.e2.	0.8	35
24	Valve-in-Valve Transcatheter Implantation Versus Redo Surgical Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2020, 125, 1378-1384.	1.6	35
25	Characteristics and Outcomes of Patients Deferred for Transcatheter Aortic Valve Replacement Because of COVID-19. <i>JAMA Network Open</i> , 2020, 3, e2019801.	5.9	28
26	Novel Anatomic Predictors of New Persistent Left Bundle Branch Block After Evolut Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 125, 1222-1229.	1.6	27
27	Survival Following Edge-to-Edge Transcatheter Mitral Valve Repair in Patients With Cardiogenic Shock: A Nationwide Analysis. <i>Journal of the American Heart Association</i> , 2021, 10, e019882.	3.7	27
28	Mitral Valve Surgery After Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2010-2021.	2.9	27
29	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009685.	3.9	26
30	Nationally Representative Repeat Transcatheter Aortic Valve Replacement Outcomes. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1717-1726.	2.9	26
31	Risk of coronary obstruction and the need to perform BASILICA: the VIVID classification. <i>EuroIntervention</i> , 2020, 16, e757-e759.	3.2	25
32	Failed repeated thrombolysis requiring left ventricular assist device pump exchange. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, 1072-1074.	1.7	24
33	Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009047.	3.9	24
34	Reoperative Mitral Surgery Versus Transcatheter Mitral Valve Replacement: A Systematic Review. <i>Journal of the American Heart Association</i> , 2021, 10, e019854.	3.7	24
35	Surgical and Transcatheter Mitral Valve Replacement in Mitral Annular Calcification: A Systematic Review. <i>Journal of the American Heart Association</i> , 2021, 10, e018514.	3.7	24
36	Self-Expanding Valve System for Treatment of Native Aortic Regurgitation by Transcatheter Aortic Valve Implantation (from the STS/ACC TVT Registry). <i>American Journal of Cardiology</i> , 2019, 124, 781-788.	1.6	23

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37	Novel predictors of mild paravalvular aortic regurgitation in SAPIEN 3 transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2018, 14, 58-68.	3.2	22
38	The International Society for Minimally Invasive Cardiothoracic Surgery Expert Consensus Statement on Transcatheter and Surgical Aortic Valve Replacement in Low- and Intermediate-Risk Patients: A Meta-Analysis of Randomized and Propensity-Matched Studies. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 3-16.	0.9	21
39	Mid-Term Outcomes of Transcatheter Aortic Valve Replacement in Extremely Large Annuli With Edwards SAPIEN 3 Valve. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 210-216.	2.9	20
40	4-Dimensional Intracardiac Echocardiography in Transcatheter Tricuspid Valve Repair With the MitraClip System. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1591-1600.	5.3	20
41	Infectious Endocarditis After Transcatheter Aortic Valve Replacement. <i>Cardiology in Review</i> , 2019, 27, 236-241.	1.4	19
42	Considerations for Optimal Device Selection in Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2021, 6, 102-112.	6.1	19
43	Transcatheter aortic valve replacement (TAVR): Recent updates. <i>Progress in Cardiovascular Diseases</i> , 2021, 69, 73-83.	3.1	19
44	Transcatheter Aortic Valve Replacement in Low-Risk Patients. <i>Circulation</i> , 2019, 140, 801-803.	1.6	17
45	Impact of Frailty on Mortality, Readmissions, and Resource Utilization After TAVI. <i>American Journal of Cardiology</i> , 2020, 127, 120-127.	1.6	17
46	Tricuspid Clip. <i>Interventional Cardiology Clinics</i> , 2018, 7, 37-45.	0.4	14
47	Two Randomized Clinical Trials on the Treatment of Secondary Mitral Regurgitation—Contradictory or Complementary?. <i>JAMA Cardiology</i> , 2019, 4, 311.	6.1	14
48	Tricuspid valve intervention at the time of mitral valve surgery: a meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 193-200.	1.1	14
49	Cusp Overlap Technique: Should It Become the Standard Implantation Technique for Self-expanding Valves?. <i>Current Cardiology Reports</i> , 2021, 23, 154.	2.9	14
50	Conventional versus modified delivery system technique in commissural alignment from the Evolut <small>low-risk CT substudy</small> . <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 924-931.	1.7	14
51	Axillary/Subclavian Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 670-672.	2.9	13
52	Meta-analysis Comparing Valve-In-Valve Transcatheter Aortic Valve Implantation With Self-Expanding Versus Balloon-Expandable Valves. <i>American Journal of Cardiology</i> , 2020, 125, 1558-1565.	1.6	13
53	Predicting the Feasibility of Post-TAVR Coronary Access and Redo TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 736-738.	2.9	10
54	Open atrial transcatheter mitral valve replacement in patients with mitral annular calcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 907-916.	0.8	9

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55	Coronary angiography and percutaneous coronary intervention after transcatheter aortic valve replacement with medtronic self-expanding prosthesis: Insights from correlations with computer tomography. <i>International Journal of Cardiology</i> , 2020, 317, 18-24.	1.7	9
56	Anatomic classification of mitral annular calcification for surgical and transcatheter mitral valve replacement. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2410-2418.	0.7	9
57	4-Dimensional Intracardiac Echocardiography in Transcatheter Mitral Valve Repair With the Mitraclip System. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2033-2040.	5.3	9
58	Afterload mismatch after transcatheter mitral valve repair with MitraClip for degenerative mitral regurgitation in acute cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, E168-E171.	1.7	8
59	Racial, ethnic and socioeconomic disparities in patients undergoing transcatheter mitral edge-to-edge repair. <i>International Journal of Cardiology</i> , 2021, 344, 73-81.	1.7	8
60	Excellent Outcomes With Use of Synthetic Vascular Grafts for Treatment of Mycotic Aortic Pseudoaneurysms After Heart Transplantation. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2112-2116.	1.3	7
61	Predicting the future of TAVR. <i>Current Opinion in Cardiology</i> , 2019, 34, 112-123.	1.8	7
62	Assessing Implant Depth Using Aortography in Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 129-132.	2.9	6
63	Continuous invasive hemodynamic monitoring using steerable guide catheter to optimize mitraclip transcatheter mitral valve repair: A multicenter, proof-of-concept study. <i>Journal of Interventional Cardiology</i> , 2018, 31, 907-915.	1.2	6
64	Emerging transcatheter options for tricuspid regurgitation: Many shades of gray. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1460-1464.	0.8	6
65	Commissural Alignment Using Cusp-Overlap View in Self-Expanding TAVR. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2109-2111.	2.9	6
66	Coronary re-access after redo TAVI: a proposed classification to simplify evaluation. <i>EuroIntervention</i> , 2020, 16, e960-e962.	3.2	6
67	Surgical Versus Percutaneous Approaches for Degenerative Mitral Valve Repair: A Review. <i>Structural Heart</i> , 2019, 3, 176-184.	0.6	5
68	Transcatheter aortic valve replacement aortic root orientation: implications for future coronary access and redo transcatheter aortic valve replacement. <i>Annals of Cardiothoracic Surgery</i> , 2020, 9, 502-504.	1.7	5
69	Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement. <i>Cardiovascular Revascularization Medicine</i> , 2022, 36, 9-13.	0.8	5
70	Acute Kidney Injury Following Transcatheter Edge-to-Edge Mitral Valve Repair: A Systematic Review and Meta-Analysis. <i>Cardiovascular Revascularization Medicine</i> , 2022, 38, 29-35.	0.8	5
71	Comparison of Clinical and Echocardiographic Outcomes After Transcatheter Aortic Valve Implantation With 31-mm CoreValve Versus 34-mm Evolut R Bioprostheses from the STS/ACC TVT Registry. <i>American Journal of Cardiology</i> , 2019, 124, 1091-1098.	1.6	4
72	Reducing Acute Kidney Injury After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010718.	3.9	4

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73	A Novel Hybrid Imaging Approach for Guidance of Percutaneous Transcatheter Tricuspid Valve Edge-to-Edge Repair. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 567-568.	2.8	4
74	Meta-Analysis for the Use of Renin-Angiotensin Inhibitors in Post-TAVR Patients. <i>American Journal of Cardiology</i> , 2019, 124, 1488-1489.	1.6	3
75	A Novel Method to Quantify Leaflet Insertion During Transcatheter Mitral Valve Repair With the MitraClip. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1499-1500.	2.9	3
76	Prosthesis-Patient Mismatch Between Transcatheter Heart Valves in TAVR Using a Computed Tomography-Derived Comparative Model. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 790-792.	2.9	3
77	4-Dimensional Transesophageal Echocardiographic Guidance During TAVR With BASILICA. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1601-1614.	5.3	3
78	Subacute Aortic Root and Valve Thrombosis following Transcatheter Aortic Valve Replacement in a Left Ventricular Assist Device Patient: From One Problem to the Next. <i>Case</i> , 2021, 5, 97-100.	0.3	3
79	Acute Type A Aortic Dissection After TAVR in an Octogenarian With Ascending Aorta Aneurysm. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 220-222.	2.9	3
80	Outcomes and feasibility of redo TAVR after Sapien 3 Ultra TAVR in extremely undersized versus nominally sized annuli. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1935-1944.	1.7	3
81	Novel Three-Dimensional Transesophageal Echocardiographic Method for Mapping Mitral Annular Calcifications. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 1004-1005.	2.8	3
82	TAVR - From inoperable to younger, lower-risk patients: A slippery slope?. <i>Progress in Cardiovascular Diseases</i> , 2022, 72, 41-53.	3.1	3
83	Magnetic Resonance Imaging Diagnosis of Left Atrial Abscess After Ablation of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1473-1475.	1.3	2
84	Fracturing surgical valves to improve hemodynamics in transcatheter aortic valve-in-valve replacement: Insanity or ingenuity?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 72-75.	0.8	2
85	Finding the Future: The 10 Commandments of Beating Heart Mitral Valve Repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020, 15, 17-21.	0.9	2
86	Distribution of Calcium projections in native and bioprosthetic aortic valves cusps: Implication for BASILICA procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E580-E587.	1.7	2
87	Endovascular Aortic Repair in Nonagenarians. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1900-1902.	2.8	2
88	Tricuspid clip implantation using the MitraClip system - A step-by-step guide. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1006-1019.	1.7	2
89	Direct access hybrid transatrial implantation of a Sapien 3 valve inside a bioprosthetic mitral valve with concomitant tricuspid valve replacement and cryoablation. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 714-716.	1.7	2
90	The vascular surgeon's role in transcatheter aortic valve replacement. <i>Journal of Vascular Surgery</i> , 2021, 74, 685-686.	1.1	2

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91	Current challenges in TAVI: neo-commissural alignment to mimic more physiologic valve implantation. <i>Vessel Plus</i> , 2020, 2020, .	0.4	2
92	The Effect of TAVR on Left Ventricular and Left Atrial Mechanics in Patients with Aortic Stenosis. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 35.	1.6	2
93	Transapical simultaneous edge-to-edge neo-chord repair: A new way to manage bileaflet prolapse?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 149-150.	0.8	1
94	Effect & Implications of Transcatheter Aortic Valve Replacement on Concomitant Functional Mitral Regurgitation. <i>Structural Heart</i> , 2020, 4, 192-194.	0.6	1
95	Transcatheter Mitral Valve Replacement: Procedural Planning, Utility, and Applicability. <i>Cardiology in Review</i> , 2021, 29, 96-99.	1.4	1
96	TAVR in Prior Valve-Sparing Aortic Root Replacement. <i>JACC: Case Reports</i> , 2021, 3, 1803-1805.	0.6	1
97	Trends and Outcomes of Transcatheter Versus Surgical Aortic Valve Implantation in Patients on Chronic Steroids. <i>American Journal of Cardiology</i> , 2022, 167, 157-159.	1.6	1
98	Minimum requirements in emergency kits for bailout strategies in TAVR complications. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.7	1
99	Redo transcatheter mitral valve replacement in mitral annular calcification. <i>EuroIntervention</i> , 2022, 18, 779-780.	3.2	1
100	Letter by Tang et al Regarding Article, "The Fluid Mechanics of Transcatheter Heart Valve Leaflet Thrombosis in the Neosinus" <i>Circulation</i> , 2018, 137, 2092-2093.	1.6	0
101	Transseptal Access "Gateway to Transcatheter Mitral Interventions. <i>Annals of Thoracic Surgery</i> , 2019, 108, 654-656.	1.3	0
102	Reevaluating the Use of the Nationwide Inpatient Sample to Identify Incident Cases of Atrial Fibrillation After Aortic Valve Replacement. <i>JAMA Internal Medicine</i> , 2019, 179, 1597.	5.1	0
103	Structural Valve Deterioration in Surgical Versus Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2785.	2.8	0
104	Echocardiographic Understanding of Secondary Mitral Regurgitation in Transcatheter Mitral Valve Repair. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2980-2981.	2.8	0
105	Transcatheter Versus Surgical Aortic Valve Replacement in Rheumatic Aortic Valve Disease "A Nationwide Analysis. <i>American Journal of Therapeutics</i> , 2020, 27, e636-e639.	0.9	0
106	Response by Nombela-Franco et al to Letter Regarding Article, "Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry" <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e010012.	3.9	0
107	Murphy's Law or Domino Effect. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010162.	2.6	0
108	A Novel Strategy to Enable TAVR for Severe Aortic Stenosis in the Setting of a Persistent LAA Filling Defect. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, e119-e121.	2.9	0

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109	Coronary access after valve-in-valve transcatheter aortic valve replacement: Time for a prospective study?. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 605-606.	1.7	0
110	Late-Phase Delayed Coronary Obstruction Caused by Protruding Calcified Aortic Valve Leaflet After Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012854.	2.6	0
111	Is TAVR Preferred in Patients With Prior Chest-Directed Radiation Therapy?. <i>JACC: CardioOncology</i> , 2021, 3, 408-410.	4.0	0
112	The Use of Transcatheter Devices for Mitral Repair and Replacement. <i>Surgical Technology International</i> , 2019, 35, 243-252.	0.2	0
113	Transcatheter Tricuspid and Pulmonary Valve Repair and Replacement. <i>Surgical Technology International</i> , 2020, 36, 217-223.	0.2	0
114	Impact of functional status on TAVI outcomes. <i>Cardiovascular Revascularization Medicine</i> , 2022, , .	0.8	0
115	Tailoring the therapy to the patient with mitral and tricuspid regurgitation to avoid adverse long-term outcomes. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1857-1858.	1.7	0