

# Wendy Tsang

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

12,976  
citations

279798

23  
h-index

175258

52  
g-index

81  
all docs

81  
docs citations

81  
times ranked

15915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1-39.e14.	2.8	10,755
2	EAE/ASE Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 3-46.	2.8	760
3	Transthoracic 3D Echocardiographic Left Heart Chamber Quantification Using an Automated Adaptive Analytics Algorithm. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 769-782.	5.3	171
4	Age-Related Normal Range of Left Ventricular Strain and Torsion Using Three-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 55-64.	2.8	149
5	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
6	Three-dimensional echocardiographic quantification of the left-heart chambers using an automated adaptive analytics algorithm: multicentre validation study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 47-58.	1.2	91
7	Echocardiographic Evaluation of Cardiac Amyloid. <i>Current Cardiology Reports</i> , 2010, 12, 272-276.	2.9	58
8	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
9	Rapid Estimation of Left Ventricular Function Using Echocardiographic Speckle-Tracking of Mitral Annular Displacement. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 511-515.	2.8	50
10	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
11	The Impact of Cardiovascular Disease Prevalence on Women's Enrollment in Landmark Randomized Cardiovascular Trials: A Systematic Review. <i>Journal of General Internal Medicine</i> , 2012, 27, 93-98.	2.6	46
12	A three-dimensional echocardiographic study on aortic-mitral coupling in transcatheter aortic valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 950-956.	1.2	44
13	The Value of Three-Dimensional Echocardiography Derived Mitral Valve Parametric Maps and the Role of Experience in the Diagnosis of Pathology. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 860-867.	2.8	39
14	Three-dimensional Echocardiography Is Essential for Intraoperative Assessment of Mitral Regurgitation. <i>Circulation</i> , 2013, 128, 643-652.	1.6	39
15	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
16	Association of Left Ventricular Ejection Fraction with Mortality and Hospitalizations. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 802-811.e6.	2.8	37
17	Interinstitutional Measurements of Left Ventricular Volumes, Speckle-Tracking Strain, and Dyssynchrony Using Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1253-1257.	2.8	34
18	Pregnancy outcomes in women with significant valve disease: a systematic review and meta-analysis. <i>Heart</i> , 2020, 106, 512-519.	2.9	32

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19	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
20	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
21	Artificial intelligence for the echocardiographic assessment of valvular heart disease. <i>Heart</i> , 2022, 108, 1592-1599.	2.9	30
22	Quantitative Modeling of the Mitral Valve by Three-Dimensional Transesophageal Echocardiography in Patients Undergoing Mitral Valve Repair: Correlation with Intraoperative Surgical Technique. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1083-1092.	2.8	29
23	Intracardiac thrombus in adults with the Fontan circulation. <i>Cardiology in the Young</i> , 2007, 17, 646-51.	0.8	25
24	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis. <i>Circulation</i> , 2020, 142, 1342-1350.	1.6	25
25	Echocardiography and Vascular Ultrasound: New Developments and Future Directions. <i>Canadian Journal of Cardiology</i> , 2013, 29, 304-316.	1.7	23
26	Role of real-time three dimensional echocardiography in cardiovascular interventions. <i>Heart</i> , 2011, 97, 850-857.	2.9	17
27	Mitral Valve Dynamics in Severe Aortic Stenosis before and after Aortic Valve Replacement. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 606-614.	2.8	17
28	Vascular Complications and Procedures Following Transcatheter Aortic Valve Implantation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 437-444.	1.5	17
29	Semiautomated Detection and Quantification of Aortic Plaques from Three-Dimensional Transesophageal Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 758-766.	2.8	15
30	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
31	The Trileaflet Mitral Valve. <i>American Journal of Cardiology</i> , 2018, 121, 513-519.	1.6	14
32	Early Mitral Annuloplasty Ring Dehiscence With Migration to the Descending Aorta. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1629.	2.8	12
33	The Role of 3-Dimensional Echocardiography in the Diagnosis and Management of Mitral Valve Disease. <i>Cardiology Clinics</i> , 2013, 31, 203-215.	2.2	12
34	Randomised trial of mitral valve repair with leaflet resection versus leaflet preservation on functional mitral stenosis (The CAMRA CardioLink-2 Trial). <i>BMJ Open</i> , 2017, 7, e015032.	1.9	12
35	Evaluation of the Clinical Utility of Transesophageal Echocardiography and Invasive Monitoring to Assess Right Ventricular Function During and After Pulmonary Endarterectomy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 771-778.	1.3	11
36	Outcomes and healthcare resource utilization in adult congenital heart disease patients with heart failure. <i>ESC Heart Failure</i> , 2021, 8, 4139-4151.	3.1	11

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37	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
38	Recent advances in understanding and managing mitral valve disease. <i>F1000Research</i> , 2019, 8, 1686.	1.6	10
39	An Unusual Cause of Stroke—the Importance of Saline Contrast Echocardiography. <i>Echocardiography</i> , 2008, 25, 908-910.	0.9	8
40	Three-dimensional echocardiographic acquisition and validity of left ventricular volumes and ejection fraction. <i>Echocardiography</i> , 2020, 37, 1646-1653.	0.9	8
41	Mitral repair with leaflet preservation versus leaflet resection and ventricular reverse remodeling from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 74-83.e2.	0.8	8
42	Reconstruction of the Descending Thoracic Aorta by Multiview Compounding of 3-D Transesophageal Echocardiographic Aortic Data Sets for Improved Examination and Quantification of Atheroma Burden. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1263-1276.	1.5	7
43	Sleep Apnea and Left Atrial Phasic Function in Heart Failure With Reduced Ejection Fraction. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1402-1410.	1.7	5
44	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
45	Cor Triatriatum Sinister with Secundum Atrial Septal Defect. <i>Case</i> , 2017, 1, 141-146.	0.3	3
46	Aortic root changes before and after surgery for chronic aortic dilatation: A 3D echocardiographic study. <i>Echocardiography</i> , 2019, 36, 376-385.	0.9	3
47	Mixed aortic stenosis and regurgitation: a clinical conundrum. <i>Heart</i> , 0, , heartjnl-2021-320501.	2.9	3
48	Automated Three-Dimensional Left Ventricular Volumes: Rise of the Machines?. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1116-1119.	2.8	2
49	Takayasu Arteritis Causing Aortitis and Aortic Regurgitation: A Totally Tubular Case Report. <i>Case</i> , 2021, 5, 62-66.	0.3	2
50	Machine learning as a new frontier in mitral valve surgical strategy. <i>Journal of Cardiac Surgery</i> , 2022, 37, 84-87.	0.7	2
51	Double trouble: A case of periprocedural detection of intracardiac thrombus and aortic root dissection during emergent transfemoral <scp>TAVR</scp>. <i>Echocardiography</i> , 2017, 34, 462-464.	0.9	1
52	Reporting of three-dimensional echocardiography-derived left ventricular volumes comes of age. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 577-579.	1.6	1
53	Challenges to the Clinical Integration of Transthoracic Three-Dimensional Echocardiography. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 439-441.	0.6	0
54	Four-Dimensional Echocardiography: Getting to the Root of the Matter. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1324-1325.	1.3	0