Jian Ye

List of Publications by Citations

84 papers	5,890 citations	35 h-index	76 g-index
89 ext. papers	6,777 ext. citations	3.6 avg, IF	4.99 L-index

#	Paper	IF	Citations
84	Percutaneous transarterial aortic valve replacement in selected high-risk patients with aortic stenosis. *Circulation*, **2007**, 116, 755-63	16.7	831
83	Transcatheter aortic valve implantation for the treatment of severe symptomatic aortic stenosis in patients at very high or prohibitive surgical risk: acute and late outcomes of the multicenter Canadian experience. *Journal of the American College of Cardiology*, **2010**, 55, 1080-90	15.1	810
82	Transapical transcatheter aortic valve implantation in humans: initial clinical experience. *Circulation*, **2006**, 114, 591-6	16.7	488
81	Transcatheter valve-in-valve implantation for failed bioprosthetic heart valves. *Circulation*, **2010**, 121, 1848-57	16.7	411
80	5-year outcome after transcatheter aortic valve implantation. *Journal of the American College of Cardiology*, **2013**, 61, 413-419	15.1	241
79	5-year experience with transcatheter transapical mitral valve-in-valve implantation for bioprosthetic valve dysfunction. *Journal of the American College of Cardiology*, **2013**, 61, 1759-66	15.1	200
78	Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation: Concept of the Neo-LVOT. *JACC: Cardiovascular Imaging*, **2017**, 10, 482-485	8.4	155
77	Transcatheter valve-in-valve implantation for failed surgical bioprosthetic valves. *Journal of the American College of Cardiology*, **2011**, 58, 2196-209	15.1	144
76	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. *Journal of the American College of Cardiology*, **2016**, 68, 1195-1205	15.1	144
75	Transapical aortic valve implantation in humans. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 131, 1194-6	1.5	135
74	Six-month outcome of transapical transcatheter aortic valve implantation in the initial seven patients. *European Journal of Cardio-thoracic Surgery*, **2007**, 31, 16-21	3	119
73	Impact of new-onset persistent left bundle branch block on late clinical outcomes in patients undergoing transcatheter aortic valve implantation with a balloon-expandable valve. *JACC: Cardiovascular Interventions*, **2014**, 7, 128-136	5	114
72	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves: An 8-Year Single-Center Experience. *JACC: Cardiovascular Interventions*, **2015**, 8, 1735-44	5	112
71	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2015**, 66, 2475-83	15.1	110
70	Need for permanent pacemaker as a complication of transcatheter aortic valve implantation and surgical aortic valve replacement in elderly patients with severe aortic stenosis and similar baseline electrocardiographic findings. *JACC: Cardiovascular Interventions*, **2012**, 5, 540-551	5	109
69	Transcatheter transapical mitral valve-in-valve implantations for a failed bioprosthesis: a case series. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 141, 711-5	1.5	100
68	Transapical transcatheter mitral valve-in-valve implantation in a human. *Annals of Thoracic Surgery*, **2009**, 87, e18-20	2.7	98

67	Transapical transcatheter aortic valve implantation: follow-up to 3 years. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 1107-13, 1113.e1	1.5	98
66	Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway: Minimalist Approach, Standardized Care, and Discharge Criteria to Reduce Length of Stay. *Circulation: Cardiovascular Quality and Outcomes*, **2016**, 9, 312-21	5.8	93
65	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. *Journal of Cardiovascular Computed Tomography*, **2014**, 8, 459-67	2.8	88
64	Transapical transcatheter aortic valve implantation: 1-year outcome in 26 patients. *Journal of Thoracic and Cardiovascular Surgery*, **2009**, 137, 167-73	1.5	85
63	Technical considerations to avoid pitfalls during transapical aortic valve implantation. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, 196-202	1.5	81
62	Transcatheter Tricuspid Valve Repair With a New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation: 1-Year Clinical and Echocardiographic Results. *JACC: Cardiovascular Interventions*, **2017**, 10, 1994-2003	5	71
61	Percutaneous Transcatheter Mitral Valve Replacement: First-in-Human Experience With a New Transseptal System. *Journal of the American College of Cardiology*, **2019**, 73, 1239-1246	15.1	57
60	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse: Implications for Transcatheter Mitral Valve Implantation. *JACC: Cardiovascular Imaging*, **2016**, 9, 269-80	8.4	56
59	Anticoagulation and Antiplatelet Strategies After On-X Mechanical Aortic Valve Replacement. *Journal of the American College of Cardiology*, **2018**, 71, 2717-2726	15.1	55
58	Transatrial transcatheter tricuspid valve-in-valve implantation of balloon expandable bioprosthesis. *Annals of Thoracic Surgery*, **2010**, 90, 1696-7	2.7	55
57	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. *Journal of Cardiovascular Computed Tomography*, **2016**, 10, 491-499	2.8	54
56	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. *JACC: Cardiovascular Interventions*, **2012**, 5, 571-577	5	53
55	Underexpansion and ad hoc post-dilation in selected patients undergoing balloon-expandable transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2014**, 63, 976-81	15.1	46
54	Pathology of transcatheter valve therapy. *JACC: Cardiovascular Interventions*, **2012**, 5, 582-590	5	43
53	Transapical transcatheter aortic valve implantation in the presence of a mitral prosthesis. *Journal of the American College of Cardiology*, **2011**, 58, 715-21	15.1	42
52	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. *Journal of Cardiovascular Computed Tomography*, **2015**, 9, 183-92	2.8	40
51	Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology/Canadian Society of Cardiac Surgery position statement on revascularization--multivessel coronary artery disease. *Canadian Journal of Cardiology*, **2014**, 30, 1482-91	3.8	40
50	In vitro evaluation of implantation depth in valve-in-valve using different transcatheter heart valves. *EuroIntervention*, **2016**, 12, 909-17	3.1	37

49	Transfemoral Transcatheter Tricuspid Valve Replacement With the EVOQUE System: A Multicenter, Observational, First-in-Human Experience. *JACC: Cardiovascular Interventions*, **2021**, 14, 501-511	5	32
48	Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. *Circulation: Cardiovascular Imaging*, **2016**, 9,	3.9	30
47	Ticagrelor and aspirin for the prevention of cardiovascular events after coronary artery bypass graft surgery. *Heart*, **2016**, 102, 763-9	5.1	30
46	Risk stratification and clinical pathways to optimize length of stay after transcatheter aortic valve replacement. *Canadian Journal of Cardiology*, **2014**, 30, 1583-7	3.8	30
45	Transcatheter valve-in-valve aortic valve implantation: 16-month follow-up. *Annals of Thoracic Surgery*, **2009**, 88, 1322-4	2.7	29
44	Early clinical outcomes after transapical aortic valve implantation: a propensity-matched comparison with conventional aortic valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 142, e47-52	1.5	28
43	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve: An Ex Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2018**, 11, 1696-1705	5	26
42	Transcatheter Mitral Valve Replacement With the Transseptal EVOQUE System. *JACC: Cardiovascular Interventions*, **2020**, 13, 2418-2426	5	24
41	First-in-human experience of a new-generation transfemoral transcatheter aortic valve for the treatment of severe aortic regurgitation: the J-Valve transfemoral system. *EuroIntervention*, **2019**, 14, e1553-e1555	3.1	18
40	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs: An Ex Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 65-75	5	16
39	Transapical transcatheter aortic valve-in-valve implantation: clinical and hemodynamic outcomes beyond 2 years. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 1554-62	1.5	16
38	Stent and leaflet stresses in a 26-mm first-generation balloon-expandable transcatheter aortic valve. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 1065-1073	1.5	15
37	A Strategy of Underexpansion and Ad Hoc Post-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients at Risk of Annular Injury: Favorable Mid-Term Outcomes. *JACC: Cardiovascular Interventions*, **2015**, 8, 1727-32	5	15
36	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. *JACC: Cardiovascular Interventions*, **2021**, 14, 489-500	5	15
35	Embolic capture with updated intra-aortic filter during coronary artery bypass grafting and transaortic transcatheter aortic valve implantation: first-in-human experience. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 2905-10	1.5	14
34	Stent and leaflet stresses in 26-mm, third-generation, balloon-expandable transcatheter aortic valve. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, 528-536	1.5	13
33	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2015**, 8, 1944-1951	5	13
32	Transapical aortic valve implantation: The Vancouver experience. *Annals of Cardiothoracic Surgery*, **2012**, 1, 138-44	4.7	10

31	The first transapical transcatheter aortic valve-in-valve implantation using the J-valve system into a failed biophysio aortic prosthesis in a patient with high risk of coronary obstruction. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1209-1214	2.7	9
30	Stent and Leaflet Stresses in 29-mm Second-Generation Balloon-Expandable Transcatheter Aortic Valve. *Annals of Thoracic Surgery*, **2017**, 104, 773-781	2.7	8
29	Long-Term Durability of Transcatheter Heart Valves: Insights From Bench Testing to 25 Years. *JACC: Cardiovascular Interventions*, **2020**, 13, 235-249	5	7
28	Ten year follow-up of high-risk patients treated during the early experience with transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E431-E437	2.7	7
27	Aortic valve replacement vs. transcatheter aortic valve implantation: Patient selection. *Annals of Cardiothoracic Surgery*, **2012**, 1, 194-9	4.7	6
26	Performance of the TRUE dilatation balloon valvuloplasty catheter beyond rated burst pressure: A bench study. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E187-E195	2.7	6
25	Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Degenerated Surgical Aortic Bioprosthesis: Insights From the PARTNER 2 Aortic Valve-in-Valve Registry. *JACC: Cardiovascular Interventions*, **2018**, 11, 1154-1160	5	5
24	Surgical risk algorithm as a measure of successful adoption of transapical transcatheter aortic valve implantation. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 1524-8	1.5	4
23	The real impact of randomized clinical trials in heart valve surgery. *Current Opinion in Cardiology*, **2006**, 21, 106-12	2.1	4
22	Transcatheter Aortic Valve Implantation With J-Valve: 2-Year Outcomes From a Multicenter Study. *Annals of Thoracic Surgery*, **2021**, 111, 1530-1536	2.7	4
21	The Relationship Between Heart-Failure Hospitalization and Mortality in Patients Receiving Transcatheter Aortic Valve Replacement. *Canadian Journal of Cardiology*, **2019**, 35, 413-421	3.8	3
20	Overexpansion of older generation balloon expandable transcatheter heart valves: An ex-vivo bench study. *Catheterization and Cardiovascular Interventions*, **2019**, 94, 806-811	2.7	3
19	Neurologic impact of using embol-x intraaortic filter. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 1675	1.5	3
18	Mitral regurgitation in patients undergoing transcatheter aortic valve implantation for degenerated surgical aortic bioprosthesis: Insights from PARTNER 2 Valve-in-Valve Registry. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 981-986	2.7	3
17	Quality-of-Life Outcomes After Transcatheter Aortic Valve Implantation in a "Real World" Population: Insights From a Prospective Canadian Database. *CJC Open*, **2021**, 3, 1033-1042	2	3
16	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention: An Ex Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2020**, 13, 667-678	5	2
15	Impact of Transcatheter Aortic Valve Size on Leaflet Stresses: Implications for Durability and Optimal Grey Zone Sizing. *AsiaIntervention*, **2020**, 6, 64-71	0.1	2
14	Cardiac surgeons concerns, perceptions, and responses during the COVID-19 pandemic. *Journal of Cardiac Surgery*, **2021**, 36, 3040-3051	1.3	2

13	Transcatheter aortic valve-in-valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 45-53	2.7	2
12	Aortic Valve-in-Valve in Externally Mounted Bioprosthesis. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2018**, 13, 171-176	1.5	2
11	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction.. *Journal of the American College of Cardiology*, **2022**, 79, 1340-1351	15.1	2
10	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. *Structural Heart*, **2019**, 3, 324-328	0.6	1
9	Transapical aortic valve implantation in the presence of a mitral prosthesis. *Annals of Cardiothoracic Surgery*, **2012**, 1, 257-9	4.7	1
8	Leaflet and Neoskirt Height in Transcatheter Heart Valves: Implications for Repeat Procedures and Coronary Access. *JACC: Cardiovascular Interventions*, **2021**, 14, 2298-2300	5	1
7	Access options for transcatheter mitral valve implantation in patients with prior surgical bioprosthesis. *Annals of Cardiothoracic Surgery*, **2021**, 10, 621-629	4.7	0
6	First transcatheter valve-in-valve implantation in an apicoaortic conduit. *Catheterization and Cardiovascular Interventions*, **2018**, 91, E86-E89	2.7	
5	Transcatheter aortic valve implantation. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2009**, 4, 197-205	1.5	
4	Can animal experiments predict clinical outcome?. *Journal of Cardiac Surgery*, **2007**, 22, 18-9	1.3	
3	Reply to Kalavrouziotis et al.. *European Journal of Cardio-thoracic Surgery*, **2007**, 32, 188-189	3	
2	Transcatheter Aortic Valve Implantation. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2009**, 4, 197-205	1.5	
1	Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. *JACC: Cardiovascular Interventions*, **2021**, 14, 1610-1612	5	