

Anson Cheung

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105
papers

6,942
citations

37
h-index

83
g-index

108
ext. papers

8,011
ext. citations

3.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
105	Percutaneous transarterial aortic valve replacement in selected high-risk patients with aortic stenosis. <i>Circulation</i> , 2007 , 116, 755-63	16.7	831
104	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. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1080-90	15.1	810
103	Transapical transcatheter aortic valve implantation in humans: initial clinical experience. <i>Circulation</i> , 2006 , 114, 591-6	16.7	488
102	Transcatheter aortic valve implantation: impact on clinical and valve-related outcomes. <i>Circulation</i> , 2009 , 119, 3009-16	16.7	464
101	Transcatheter valve-in-valve implantation for failed bioprosthetic heart valves. <i>Circulation</i> , 2010 , 121, 1848-57	16.7	411
100	Long-term outcomes after transcatheter aortic valve implantation: insights on prognostic factors and valve durability from the Canadian multicenter experience. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1864-75	15.1	249
99	5-year outcome after transcatheter aortic valve implantation. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 413-419	15.1	241
98	5-year experience with transcatheter transapical mitral valve-in-valve implantation for bioprosthetic valve dysfunction. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1759-66	15.1	200
97	Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation: Concept of the Neo-LVOT. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 482-485	8.4	155
96	Transcatheter valve-in-valve implantation for failed surgical bioprosthetic valves. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2196-209	15.1	144
95	Transapical aortic valve implantation in humans. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 1194-6	1.5	135
94	Short-term results of transapical transcatheter mitral valve implantation for mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1814-9	15.1	123
93	The 2011 Canadian Cardiovascular Society heart failure management guidelines update: focus on sleep apnea, renal dysfunction, mechanical circulatory support, and palliative care. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 319-38	3.8	123
92	The St Jude Medical Trifecta aortic pericardial valve: results from a global, multicenter, prospective clinical study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 590-7	1.5	119
91	Six-month outcome of transapical transcatheter aortic valve implantation in the initial seven patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 16-21	3	119
90	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. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 128-136	5	114
89	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves: An 8-Year Single-Center Experience. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1735-44	5	112

88	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. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 540-551	5	109
87	Transapical transcatheter mitral valve-in-valve implantation in a human. <i>Annals of Thoracic Surgery</i> , 2009 , 87, e18-20	2.7	98
86	Transapical transcatheter aortic valve implantation: follow-up to 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 1107-13, 1113.e1	1.5	98
85	Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway: Minimalist Approach, Standardized Care, and Discharge Criteria to Reduce Length of Stay. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016 , 9, 312-21	5.8	93
84	Evaluation of a lateral thoracotomy implant approach for a centrifugal-flow left ventricular assist device: The LATERAL clinical trial. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 344-351	5.8	91
83	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 459-67	2.8	88
82	Mitral Annular Evaluation With CT in the Context of Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 612-615	8.4	85
81	Technical considerations to avoid pitfalls during transapical aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 196-202	1.5	81
80	Off-pump implantation of the HeartWare HVAD left ventricular assist device through minimally invasive incisions. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1294-6	2.7	71
79	Midterm, multicenter clinical and hemodynamic results for the Trifecta aortic pericardial valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 561-569.e2	1.5	63
78	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses: The PARTNER 2 Registry. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2647-2655	15.1	63
77	Percutaneous Transcatheter Mitral Valve Replacement: First-in-Human Experience With a New Transseptal System. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1239-1246	15.1	57
76	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse: Implications for Transcatheter Mitral Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 269-80	8.4	56
75	Transatrial transcatheter tricuspid valve-in-valve implantation of balloon expandable bioprosthesis. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1696-7	2.7	55
74	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 491-499	2.8	54
73	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 571-577	5	53
72	Underexpansion and ad hoc post-dilation in selected patients undergoing balloon-expandable transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 976-81	15.1	46
71	Successful weaning and explantation of the Heartmate II left ventricular assist device. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 358-62	3.8	44

70	Pathology of transcatheter valve therapy. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 582-590	5	43
69	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 183-92 ^{2,8}	2.8	40
68	Transapical mitral implantation of the Tiara bioprosthesis: pre-clinical results. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 154-162	5	35
67	Transcatheter mitral valve implantation with Tiara bioprosthesis. <i>EuroIntervention</i> , 2014 , 10 Suppl U, U115-9	3.1	35
66	American Association for Thoracic Surgery/International Society for Heart and Lung Transplantation guidelines on selected topics in mechanical circulatory support. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 187-219	5.8	34
65	Outcomes of Impella 5.0 in Cardiogenic Shock: A Systematic Review and Meta-analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 254-260	1.5	31
64	Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	30
63	Risk stratification and clinical pathways to optimize length of stay after transcatheter aortic valve replacement. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1583-7	3.8	30
62	Design Concepts and Preclinical Results of a Miniaturized HeartWare Platform: The MVAD System. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 151-6	1.5	26
61	Minimally invasive, off-pump explant of a continuous-flow left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 808-10	5.8	26
60	The Tiara transcatheter mitral valve implantation system. <i>EuroIntervention</i> , 2015 , 11 Suppl W, W71-2	3.1	26
59	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve: An ExVivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1696-1705	5	26
58	Transcatheter mitral valve-in-valve implantation: current experience and review of literature. <i>Current Opinion in Cardiology</i> , 2013 , 28, 181-6	2.1	23
57	Transatrial transcatheter tricuspid valve-in-valve technique. <i>Journal of Cardiac Surgery</i> , 2012 , 27, 196-8	1.3	21
56	Illustrated techniques for transapical aortic valve implantation. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 231-9	4.7	18
55	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs: An ExVivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 65-75	5	16
54	A comprehensive regional clinical and educational ECPR protocol decreases time to ECMO in patients with refractory out-of-hospital cardiac arrest. <i>Canadian Journal of Emergency Medicine</i> , 2017 , 19, 424-433	0.6	16
53	Implementation of processes of care to support transcatheter aortic valve replacement programs. <i>European Journal of Cardiovascular Nursing</i> , 2013 , 12, 33-8	3.3	16

52	Combined off-pump transapical transcatheter aortic valve implantation and minimally invasive direct coronary artery bypass. <i>Journal of Cardiac Surgery</i> , 2010 , 25, 660-2	1.3	16
51	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. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1727-32	5	15
50	Suture technique does not affect hemodynamic performance of the small supra-annular Trifecta bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1347-51	1.5	15
49	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 489-500	5	15
48	Factors influencing the decision of older adults to be assessed for transcatheter aortic valve implantation: An exploratory study. <i>European Journal of Cardiovascular Nursing</i> , 2016 , 15, 486-494	3.3	14
47	American Association for Thoracic Surgery/International Society for Heart and Lung Transplantation guidelines on selected topics in mechanical circulatory support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 865-896	1.5	13
46	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1944-1951	5	13
45	Minimal-access left ventricular assist device implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014 , 9, 281-5	1.5	13
44	3-Dimensional-Printed Model for Planning Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 812-813	5	12
43	Transcatheter Mitral Valve Replacement in Patients With Previous Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006412	6	12
42	Multicentre Canadian experience with the HeartWare ventricular assist device: concerns about adverse neurological outcomes. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1662-7	3.8	11
41	Transcatheter aortic valve replacement. <i>Anesthesiology Clinics</i> , 2008 , 26, 465-79	2.3	11
40	The prognostic importance of the diastolic pulmonary gradient, transpulmonary gradient, and pulmonary vascular resistance in patients undergoing transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 1185-1191	2.7	10
39	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	1.5	10
38	Transcatheter mitral valve implantation: Tiara. <i>EuroIntervention</i> , 2016 , 12, Y70-2	3.1	9
37	Cost-Effectiveness of Thoracotomy Approach for the Implantation of a Centrifugal Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020 , 66, 855-861	3.6	9
36	Transcatheter Mitral Valve Replacement. <i>Interventional Cardiology Clinics</i> , 2016 , 5, 109-115	1.4	7
35	Long-Term Durability of Transcatheter Heart Valves: Insights From Bench Testing to 25 Years. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 235-249	5	7

34	Ten year follow-up of high-risk patients treated during the early experience with transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E431-E437	2.7	7
33	First-in-human valve-in-valve implantation of a 20 mm balloon expandable transcatheter heart valve. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 82, E929-31	2.7	6
32	Transcatheter aortic valve replacement: where will we be in 5 years?. <i>Current Opinion in Cardiology</i> , 2011 , 26, 106-12	2.1	6
31	Performance of the TRUE dilatation balloon valvuloplasty catheter beyond rated burst pressure: A bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E187-E195	2.7	6
30	Mitral Valve-in-Ring Implantation With a Dedicated Transcatheter Mitral Valve Replacement System. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2012-2014	5	5
29	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. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1154-1160	5	5
28	Surgical risk algorithm as a measure of successful adoption of transapical transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1524-8	1.5	4
27	The Relationship Between Heart-Failure Hospitalization and Mortality in Patients Receiving Transcatheter Aortic Valve Replacement. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 413-421	3.8	3
26	Overexpansion of older generation balloon expandable transcatheter heart valves: An ex-vivo bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 806-811	2.7	3
25	Mitral regurgitation in patients undergoing transcatheter aortic valve implantation for degenerated surgical aortic bioprosthesis: Insights from PARTNER 2 Valve-in-Valve Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 981-986	2.7	3
24	Minimal-access left ventricular assist device explantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012 , 7, 300-2	1.5	3
23	St. Jude Medical Portico transapical technology. <i>EuroIntervention</i> , 2013 , 9 Suppl, S103-6	3.1	3
22	Transcatheter tricuspid valve replacement in patients with severe tricuspid regurgitation. <i>Heart</i> , 2021 , 107, 1664-1670	5.1	3
21	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention: An Ex Vivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 667-678	5	2
20	Combined Transapical Valve-in-Valve/Valve-in-Ring Transcatheter Mitral Valve Implantation and Paravalvular Leak Closure for Failed Mitral Valve Surgery. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1088.e3-1088.e6	3.8	2
19	Tiara Valve Implantation in a Patient With Previously Implanted Mono-disk Mechanical Aortic Prosthesis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018 , 30, 160-163	1.7	2
18	Transapical Coil Embolization of a Postsurgical Ascending Thoracic Aortic Pseudoaneurysm. <i>CardioVascular and Interventional Radiology</i> , 2019 , 42, 1500-1504	2.7	2
17	Transcatheter aortic valve-in-valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 45-53	2.7	2

16	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1340-1351	15.1	2
15	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. <i>Structural Heart</i> , 2019 , 3, 324-328	0.6	1
14	Transcatheter mitral valve replacement. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 34, 144-150	0.4	1
13	Impact of Donor Origin on Survival After Orthotopic Heart Transplantation. <i>Transplantation Proceedings</i> , 2019 , 51, 3409-3411	1.1	1
12	Leaflet and Neokirt Height in Transcatheter Heart Valves: Implications for Repeat Procedures and Coronary Access. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2298-2300	5	1
11	Access options for transcatheter mitral valve implantation in patients with prior surgical bioprosthesis. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 621-629	4.7	0
10	A pragmatic parallel group implementation study of a prehospital-activated ECPR protocol for refractory out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 167, 22-28	4	0
9	Minimal-Access Left Ventricular Assist Device Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014 , 9, 281-285	1.5	
8	The Use of the Impella RD as a Bridge to Recovery for Right Ventricular Dysfunction after Cardiac Transplantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 369-371	1.5	
7	Minimal-Access Left Ventricular Assist Device Explantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012 , 7, 300-302	1.5	
6	TIARA Transcatheter Mitral Replacement System 2021 , 277-282		
5	Barriers to Transcatheter Mitral Valve Replacement 2016 , 227-236		
4	Message From the President. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13 Suppl 3, S56-S57	1.5	
3	Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1610-1612	5	
2	Transcatheter solutions for transcatheter aortic valve replacement dysfunction: is redo transcatheter aortic valve replacement a durable option?. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 571-584	4.7	
1	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing.. <i>Cardiovascular Engineering and Technology</i> , 2022 , 1	2.2	