

# Anson Cheung

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

8,609  
citations

66234

42  
h-index

42291

92  
g-index

108  
all docs

108  
docs citations

108  
times ranked

5486  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Percutaneous Transarterial Aortic Valve Replacement in Selected High-Risk Patients With Aortic Stenosis. <i>Circulation</i> , 2007, 116, 755-763.   | 1.6 | 952       |
| 2  | Transcatheter Aortic Valve Implantation for the Treatment of Severe Symptomatic Aortic Stenosis in Patients at Very High or Prohibitive Surgical Risk. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1080-1090.  | 1.2 | 929       |
| 3  | Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2009, 119, 3009-3016.   | 1.6 | 557       |
| 4  | Transapical Transcatheter Aortic Valve Implantation in Humans. <i>Circulation</i> , 2006, 114, 591-596.   | 1.6 | 554       |
| 5  | Transcatheter Valve-in-Valve Implantation for Failed Bioprosthetic Heart Valves. <i>Circulation</i> , 2010, 121, 1848-1857.   | 1.6 | 472       |
| 6  | Long-Term Outcomes After Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1864-1875.   | 1.2 | 283       |
| 7  | 5-Year Outcome After Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2013, 61, 413-419.   | 1.2 | 283       |
| 8  | 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, 1759-1766.  | 1.2 | 225       |
| 9  | Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 482-485.  | 2.3 | 213       |
| 10 | Transcatheter Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2196-2209.   | 1.2 | 162       |
| 11 | Transapical aortic valve implantation in humans. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1194-1196.  | 0.4 | 155       |
| 12 | Short-Term Results of Transapical Transcatheter Mitral Valve Implantation for Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1814-1819.   | 1.2 | 149       |
| 13 | 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. | 1.1 | 145       |
| 14 | 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.   | 0.3 | 145       |
| 15 | 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.   | 0.6 | 144       |
| 16 | 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, 319-338.   | 0.8 | 139       |
| 17 | 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, 590-597.  | 0.4 | 138       |
| 18 | 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.   | 1.1 | 137       |

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|----|---|-----|-----------|
| 19 | Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves. JACC: Cardiovascular Interventions, 2015, 8, 1735-1744.   | 1.1 | 130       |
| 20 | Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 312-321.  | 0.9 | 124       |
| 21 | Transapical Transcatheter Mitral Valve-in-Valve Implantation in a Human. Annals of Thoracic Surgery, 2009, 87, e18-e20.   | 0.7 | 123       |
| 22 | 3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. Journal of the American College of Cardiology, 2019, 73, 2647-2655.  | 1.2 | 123       |
| 23 | 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, 459-467.  | 0.7 | 113       |
| 24 | Transapical transcatheter aortic valve implantation: Follow-up to 3 years. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1107-1113.e1.   | 0.4 | 112       |
| 25 | Mitral Annular Evaluation With CT in the Context of Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 612-615.   | 2.3 | 105       |
| 26 | Technical considerations to avoid pitfalls during transapical aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 196-202.  | 0.4 | 88        |
| 27 | Percutaneous Transcatheter Mitral Valve Replacement. Journal of the American College of Cardiology, 2019, 73, 1239-1246.  | 1.2 | 87        |
| 28 | Midterm, multicenter clinical and hemodynamic results for the Trifecta aortic pericardial valve. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 561-569.e2.   | 0.4 | 85        |
| 29 | Off-Pump Implantation of the HeartWare HVAD Left Ventricular Assist Device Through Minimally Invasive Incisions. Annals of Thoracic Surgery, 2011, 91, 1294-1296.   | 0.7 | 83        |
| 30 | 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. | 0.7 | 82        |
| 31 | Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse. JACC: Cardiovascular Imaging, 2016, 9, 269-280.  | 2.3 | 75        |
| 32 | American Association for Thoracic Surgery/International Society for Heart and Lung Transplantation guidelines on selected topics in mechanical circulatory support. Journal of Heart and Lung Transplantation, 2020, 39, 187-219.                           | 0.3 | 71        |
| 33 | Pathology of Transcatheter Valve Therapy. JACC: Cardiovascular Interventions, 2012, 5, 582-590.   | 1.1 | 63        |
| 34 | Transcatheter Valve-In-Valve Implantation for Failed Balloon-Expandable Transcatheter Aortic Valves. JACC: Cardiovascular Interventions, 2012, 5, 571-577.  | 1.1 | 60        |
| 35 | Transatrial Transcatheter Tricuspid Valve-in-Valve Implantation of Balloon Expandable Bioprosthesis. Annals of Thoracic Surgery, 2010, 90, 1696-1697.   | 0.7 | 58        |
| 36 | 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, 976-981.  | 1.2 | 58        |

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|----|---|-----|-----------|
| 37 | Successful Weaning and Explantation of the Heartmate II Left Ventricular Assist Device. Canadian Journal of Cardiology, 2011, 27, 358-362.  | 0.8 | 53        |
| 38 | Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2021, 14, 489-500.  | 1.1 | 51        |
| 39 | Overexpansion of the SAPIEN 3 Transcatheter Heart Valve. JACC: Cardiovascular Interventions, 2018, 11, 1696-1705.   | 1.1 | 48        |
| 40 | Outcomes of Impella 5.0 in Cardiogenic Shock. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 254-260.   | 0.4 | 48        |
| 41 | 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, 183-192.                                     | 0.7 | 46        |
| 42 | Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. Circulation: Cardiovascular Imaging, 2016, 9, .                                   | 1.3 | 43        |
| 43 | Transcatheter mitral valve implantation with Tiara bioprosthesis. EuroIntervention, 2014, 10, U115-U119.  | 1.4 | 43        |
| 44 | American Association for Thoracic Surgery/International Society for Heart and Lung Transplantation guidelines on selected topics in mechanical circulatory support. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 865-896. | 0.4 | 41        |
| 45 | Transapical Mitral Implantation of the Tiara Bioprosthesis. JACC: Cardiovascular Interventions, 2014, 7, 154-162.   | 1.1 | 39        |
| 46 | Risk Stratification and Clinical Pathways to Optimize Length of Stay After Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2014, 30, 1583-1587.   | 0.8 | 35        |
| 47 | Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs. JACC: Cardiovascular Interventions, 2019, 12, 65-75.                                      | 1.1 | 35        |
| 48 | Minimally invasive, off-pump explant of a continuous-flow left ventricular assist device. Journal of Heart and Lung Transplantation, 2010, 29, 808-810.   | 0.3 | 31        |
| 49 | Early experience of TIARA transcatheter mitral valve replacement system. Annals of Cardiothoracic Surgery, 2018, 7, 787-791.  | 0.6 | 30        |
| 50 | The Tiara transcatheter mitral valve implantation system. EuroIntervention, 2015, 14, W71-W72.  | 1.4 | 30        |
| 51 | Design Concepts and Preclinical Results of a Miniaturized HeartWare Platform: The MVAD System. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 151-156.  | 0.4 | 28        |
| 52 | Long-Term Durability of Transcatheter Heart Valves. JACC: Cardiovascular Interventions, 2020, 13, 235-249.  | 1.1 | 26        |
| 53 | Transcatheter mitral valve-in-valve implantation. Current Opinion in Cardiology, 2013, 28, 181-186.   | 0.8 | 25        |
| 54 | A comprehensive regional clinical and educational ECPR protocol decreases time to ECMO in patients with refractory out-of-hospital cardiac arrest. Canadian Journal of Emergency Medicine, 2017, 19, 424-433.                           | 0.5 | 25        |

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|----|--|-----|-----------|
| 55 | A Strategy of Underexpansion and Ad Hoc Post-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients at Risk of Annular Injury. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1727-1732.   | 1.1 | 24        |
| 56 | Leaflet and Neoskirt Height in Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2298-2300.  | 1.1 | 24        |
| 57 | Suture technique does not affect hemodynamic performance of the small supra-annular Trifecta bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1347-1351.  | 0.4 | 23        |
| 58 | Transatrial Transcatheter Tricuspid Valve-in-Valve Technique. <i>Journal of Cardiac Surgery</i> , 2012, 27, 196-198.   | 0.3 | 22        |
| 59 | Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1944-1951.   | 1.1 | 22        |
| 60 | 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.   | 0.7 | 22        |
| 61 | Transcatheter tricuspid valve replacement in patients with severe tricuspid regurgitation. <i>Heart</i> , 2021, 107, 1664-1670.  | 1.2 | 22        |
| 62 | Implementation of processes of care to support transcatheter aortic valve replacement programs. <i>European Journal of Cardiovascular Nursing</i> , 2013, 12, 33-38.   | 0.4 | 21        |
| 63 | 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. | 0.4 | 21        |
| 64 | Illustrated techniques for transapical aortic valve implantation. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 231-9.  | 0.6 | 21        |
| 65 | 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.  | 0.4 | 20        |
| 66 | Minimal-Access Left Ventricular Assist Device Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014, 9, 281-285.   | 0.4 | 18        |
| 67 | Transcatheter Mitral Valve Replacement in Patients With Previous Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006412.   | 1.4 | 18        |
| 68 | Cost-Effectiveness of Thoracotomy Approach for the Implantation of a Centrifugal Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020, 66, 855-861.   | 0.9 | 18        |
| 69 | Transcatheter Aortic Valve Replacement. <i>Anesthesiology Clinics</i> , 2008, 26, 465-479.   | 0.6 | 17        |
| 70 | Combined Off-Pump Transapical Transcatheter Aortic Valve Implantation and Minimally Invasive Direct Coronary Artery Bypass. <i>Journal of Cardiac Surgery</i> , 2010, 25, 660-662.   | 0.3 | 17        |
| 71 | Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1340-1351.  | 1.2 | 17        |
| 72 | Multicentre Canadian Experience With the HeartWare Ventricular Assist Device: Concerns About Adverse Neurological Outcomes. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1662-1667.   | 0.8 | 14        |

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|----|---|-----|-----------|
| 73 | 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. | 0.7 | 14        |
| 74 | 3-Dimensional 3D-Printed Model for Planning Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 812-813.  | 1.1 | 13        |
| 75 | 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.   | 0.8 | 11        |
| 76 | Transcatheter mitral valve implantation: Tiara. <i>EuroIntervention</i> , 2016, 12, Y70-Y72.  | 1.4 | 11        |
| 77 | Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Degenerated Surgical Aortic Bioprosthesis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1154-1160.                                       | 1.1 | 10        |
| 78 | Overexpansion of older generation balloon expandable transcatheter heart valves: An ex vivo bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 806-811.   | 0.7 | 9         |
| 79 | 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.  | 0.7 | 9         |
| 80 | 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.  | 0.7 | 7         |
| 81 | Transcatheter Mitral Valve Replacement. <i>Interventional Cardiology Clinics</i> , 2016, 5, 109-115.  | 0.2 | 7         |
| 82 | Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 667-678.   | 1.1 | 7         |
| 83 | Transcatheter aortic valve replacement: where will we be in 5 years?. <i>Current Opinion in Cardiology</i> , 2011, 26, 106-112.   | 0.8 | 6         |
| 84 | Mitral Valve-in-Ring Implantation With a Dedicated Transcatheter Mitral Valve Replacement System. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2012-2014.  | 1.1 | 5         |
| 85 | 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.  | 1.3 | 5         |
| 86 | 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, 1524-1528.   | 0.4 | 4         |
| 87 | 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.        | 0.7 | 4         |
| 88 | Minimal-Access Left Ventricular Assist Device Explantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 300-302.  | 0.4 | 3         |
| 89 | 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.   | 0.4 | 3         |
| 90 | Transapical Coil Embolization of a Postsurgical Ascending Thoracic Aortic Pseudoaneurysm. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 1500-1504.   | 0.9 | 3         |

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|-----|---|-----|-----------|
| 91  | 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. | 0.7 | 3         |
| 92  | 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.  | 0.6 | 3         |
| 93  | St. Jude Medical Portico™ transcatheter technology. <i>EuroIntervention</i> , 2013, 9, S103-S106.   | 1.4 | 3         |
| 94  | 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.                             | 0.8 | 2         |
| 95  | Access options for transcatheter mitral valve implantation in patients with prior surgical bioprosthesis. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 621-629.  | 0.6 | 2         |
| 96  | Transcatheter mitral valve replacement. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 144-150.   | 0.2 | 1         |
| 97  | Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. <i>Structural Heart</i> , 2019, 3, 324-328.  | 0.2 | 1         |
| 98  | Impact of Donor Origin on Survival After Orthotopic Heart Transplantation. <i>Transplantation Proceedings</i> , 2019, 51, 3409-3411.  | 0.3 | 1         |
| 99  | Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1610-1612.   | 1.1 | 1         |
| 100 | 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.                             | 0.4 | 1         |
| 101 | Barriers to Transcatheter Mitral Valve Replacement. , 2016, , 227-236.  |     | 0         |
| 102 | Message from the President. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 56-57.   | 0.4 | 0         |
| 103 | Minimal-Access Left Ventricular Assist Device Explantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 300-302.  | 0.4 | 0         |
| 104 | Minimal-Access Left Ventricular Assist Device Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014, 9, 281-285.  | 0.4 | 0         |
| 105 | Impact of Bioprosthetic Valve Fracture on Potential Embolic Debris Generation. <i>JACC: Cardiovascular Interventions</i> , 2022, , .  | 1.1 | 0         |
| 106 | Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing. <i>Cardiovascular Engineering and Technology</i> , 2022, , 1.   | 0.7 | 0         |