

# Hsiao-Huang Chang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

389  
citations

11  
h-index

17  
g-index

60  
ext. papers

463  
ext. citations

3.2  
avg, IF

3.26  
L-index

#	Paper	IF	Citations
52	Ten-year experience with surgical repair of mycotic aortic aneurysms. <i>Journal of the Chinese Medical Association</i> , <b>2005</b> , 68, 265-71	2.8	42
51	Application of scanning electron microscopy and X-ray microanalysis: FE-SEM, ESEM-EDS, and EDS mapping for studying the characteristics of topographical microstructure and elemental mapping of human cardiac calcified deposition. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 359-66	4.4	32
50	Characterization, molecular modelling and developmental expression of zebrafish manganese superoxide dismutase. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 318-24	4.3	30
49	Evaluate the Feasibility of Using Frontal SSVEP to Implement an SSVEP-Based BCI in Young, Elderly and ALS Groups. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2016</b> , 24, 603-15	4.8	28
48	A right-sided aortic arch with Kommerell's diverticulum of the aberrant left subclavian artery presenting with syncope. <i>Journal of the Chinese Medical Association</i> , <b>2009</b> , 72, 275-7	2.8	19
47	Peginterferon alpha-2b and acute allograft failure in a heart transplant recipient. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 1645-7	2.7	16
46	A Method for Respiration Rate Detection in Wrist PPG Signal Using Holo-Hilbert Spectrum. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 7560-7569	4	15
45	Malignancy after heart transplantation. <i>Journal of the Chinese Medical Association</i> , <b>2009</b> , 72, 588-93	2.8	15
44	The association between heme oxygenase-1 gene promoter polymorphism and the outcomes of catheter ablation of atrial fibrillation. <i>PLoS ONE</i> , <b>2013</b> , 8, e56440	3.7	14
43	Spectral and morphological classification of different chronic and acute Taiwanese gallstones via FTIR, SEM and ESEM-EDX microanalyses. <i>Digestive and Liver Disease</i> , <b>2016</b> , 48, 519-527	3.3	14
42	Endomyocardial biopsy-related tricuspid regurgitation after orthotopic heart transplantation: single-center experience. <i>Journal of the Chinese Medical Association</i> , <b>2007</b> , 70, 185-92	2.8	13
41	Correlation between body mass index and leucopenia after administration of valganciclovir for cytomegalovirus infection in chinese cardiac recipients. <i>Circulation Journal</i> , <b>2007</b> , 71, 968-72	2.9	10
40	Clinical risk factors of extracorporeal membrane oxygenation support in older adults. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195445	3.7	10
39	Four-year follow-up of acquired aorto-right ventricular fistula after transcatheter aortic valve implantation. <i>European Heart Journal</i> , <b>2016</b> , 37, 2679	9.5	9
38	Procedural Characteristics and Outcomes of Transcatheter Aortic Valve Implantation: A Single-Center Experience of the First 100 Inoperable or High Surgical Risk Patients with Severe Aortic Stenosis. <i>Acta Cardiologica Sinica</i> , <b>2017</b> , 33, 339-349	1.1	9
37	Membranous septum length predicts conduction disturbances following transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	9
36	Ex vivo assessment of valve thickness/calcification of patients with calcific aortic stenosis in relation to in vivo clinical outcomes. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 74, 324-332	4.1	8

35	Composition and distribution of elements and ultrastructural topography of a human cardiac calculus. <i>Biological Trace Element Research</i> , <b>2013</b> , 152, 143-51	4.5	7
34	Robotic mitral valve replacements with bioprosthetic valves in 52 patients: experience from a tertiary referral hospital. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 853-859	3	6
33	First report of a giant cardiac calculus: morphology and chemical composition. <i>International Journal of Cardiology</i> , <b>2012</b> , 160, e28-30	3.2	6
32	Women had favourable reverse left ventricle remodelling after TAVR. <i>European Journal of Clinical Investigation</i> , <b>2020</b> , 50, e13183	4.6	6
31	Study of Repetitive Movements Induced Oscillatory Activities in Healthy Subjects and Chronic Stroke Patients. <i>Scientific Reports</i> , <b>2016</b> , 6, 39046	4.9	6
30	Cost-utility analysis of direct ventricular assist device vs double bridges to heart transplantation in patients with refractory heart failure. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e13124	3.8	5
29	Clinical Outcomes of VasoRing Connector in Patients With Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 764-770	2.7	5
28	Spectroscopic study of chemical compositions of cardiac calculus using portable Raman analyzer with a fiber-optic probe. <i>Biomedical Spectroscopy and Imaging</i> , <b>2012</b> , 1, 17-26	1.3	5
27	Clinical value of application of cerebral oximetry in total replacement of the aortic arch and concomitant vessels. <i>Acta Anaesthesiologica Taiwanica</i> , <b>2008</b> , 46, 178-83		5
26	High-dose nitroglycerin administered during rewarming preserves erythrocyte deformability in cardiac surgery with cardiopulmonary bypass. <i>Microcirculation</i> , <b>2020</b> , 27, e12608	2.9	4
25	One-stage surgery for removal of intravascular leiomyomatosis extending to right ventricle. <i>Medicine (United States)</i> , <b>2018</b> , 97, e0051	1.8	4
24	Thrombelastography change after bridging to left ventricular assist device from extracorporeal membrane oxygenation patients. <i>Journal of the Chinese Medical Association</i> , <b>2012</b> , 75, 363-9	2.8	4
23	A Multivariate Empirical Mode DecompositionBased Data-Driven Approach for Extracting Task-Dependent Hemodynamic Responses in Olfactory-Induced fMRI. <i>IEEE Access</i> , <b>2019</b> , 7, 15375-15388	3.5	3
22	Sex difference in the prognostic role of body composition parameters in Taiwanese patients undergoing transcatheter aortic valve implantation. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 283	2.3	3
21	One-year results of transcatheter aortic valve implantation as an alternative treatment for severe aortic stenosis in high-risk patients. <i>Journal of the Chinese Medical Association</i> , <b>2013</b> , 76, 698-702	2.8	3
20	Different Calcification Stage in Each Cusp of a Calcified Tricuspid Aortic Valve. <i>Circulation Journal</i> , <b>2017</b> , 81, 1953-1955	2.9	3
19	Increase Carotid Flow by Double Sheath Connection Technique to Reduce Cerebral Ischemia for Transcatheter Aortic Valve Implantation through Transcarotid Approach. <i>Annals of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 24, 161-164	1.8	3
18	Assessment of Unicuspid Aortic Valve Stenosis Using Multimodality Imaging, X-ray Radiography and Raman Analysis. <i>International Heart Journal</i> , <b>2019</b> , 60, 482-488	1.8	2

17	New morphological classification of congenital quadricuspid aortic valve and its histopathologic features. <i>Cardiovascular Pathology</i> , <b>2018</b> , 35, 8-11	3.8	2
16	Extractions of steady-state auditory evoked fields in normal subjects and tinnitus patients using complementary ensemble empirical mode decomposition. <i>BioMedical Engineering OnLine</i> , <b>2015</b> , 14, 72	4.1	2
15	Optimization of extracorporeal membrane oxygenation therapy using near-infrared spectroscopy to assess changes in peripheral circulation: A pilot study. <i>Journal of Biophotonics</i> , <b>2020</b> , 13, e202000116	3.1	2
14	Effect of position on the residual heart rate variability in patients after orthotopic heart transplantation. <i>Journal of the Chinese Medical Association</i> , <b>2017</b> , 80, 63-71	2.8	1
13	Comparison of balloon-expandable valves versus self-expandable valves in high-risk patients undergoing transcatheter aortic valve replacement for severe aortic stenosis. <i>Journal of the Chinese Medical Association</i> , <b>2015</b> , 78, 331-8	2.8	1
12	Double trouble for transcatheter aortic valve implantation: a patient with no vascular access and high-risk features for bilateral coronary obstruction. <i>European Heart Journal</i> , <b>2017</b> , 38, 2787	9.5	1
11	Echocardiographic manifestations and chemical composition of stenotic bicuspid aortic valves. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2018</b> , 29, 80	4.5	1
10	Concomitant Bentall operation plus aortic arch replacement surgery. <i>Journal of the Chinese Medical Association</i> , <b>2013</b> , 76, 88-94	2.8	1
9	Left ventricular aneurysm repair: a comparison of linear versus patch remodeling. <i>Journal of the Chinese Medical Association</i> , <b>2010</b> , 73, 1-2	2.8	1
8	Vitamin B Mitigates Thoracic Aortic Dilation in Marfan Syndrome Mice by Restoring the Canonical TGF- $\beta$ Pathway. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
7	Intraoperative ECMO assistance during TAVI for aortic insufficiency in an Asian patient with LVAD support. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 3418-3421	3.7	1
6	Somatic SDHA mutations in paragangliomas in siblings: Case report of 2 cases. <i>Medicine (United States)</i> , <b>2020</b> , 99, e22497	1.8	0
5	Dual-Energy Computed Tomography Gemstone Spectral Imaging: A Novel Technique to Determine Human Cardiac Calculus Composition. <i>Journal of Computer Assisted Tomography</i> , <b>2016</b> , 40, 283-9	2.2	0
4	No Clamp Complete Parachute Technique for Ascending Aorta Anastomosis in Hybrid Aortic Arch Debranching Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2018</b> , 66, 273-276	1.6	
3	Diagnosis and clinical characteristics of acute gallbladder sludge in a patient with acute myocarditis and acute cholecystitis, as compared with common chronic gallstones. <i>Biomedical Spectroscopy and Imaging</i> , <b>2015</b> , 4, 67-79	1.3	
2	A cystic lesion encasing the right coronary artery. <i>Internal Medicine</i> , <b>2013</b> , 52, 1997-8	1.1	
1	Diabetes Is the Most Critical Risk Factor of Adverse Complications After Peritoneal Dialysis Catheter Placement. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 719345	4.9	