Winston Chong

List of Publications by Year in Descending Order

19 papers	196 citations	8 h-index	13 g-index
22 ext. papers	297 ext. citations	3.8 avg, IF	2.86 L-index

#	Paper	IF	Citations
19	Automated Machine Learning Model Development for Intracranial Aneurysm Treatment Outcome Prediction: A Feasibility Study.. *Frontiers in Neurology*, **2021**, 12, 735142	4.1	1
18	Flow diverter modeled as heterogeneous and anisotropic porous medium: Simulation, experimental validation and case analysis. *Journal of Biomechanics*, **2021**, 123, 110525	2.9	0
17	A preliminary investigation of radiomics differences between ruptured and unruptured intracranial aneurysms. *European Radiology*, **2021**, 31, 2716-2725	8	7
16	Endovascular Treatment of Intracranial Aneurysms Using the Novel Low Profile Visualized Intraluminal Support EVO Stent: Multicenter Early Feasibility Experience. *Neurointervention*, **2021**, 16, 122-131	1.4	2
15	Contemporary Treatment of Intracranial Blood Blister Aneurysms - A Systematic Review. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105968	2.8	0
14	Rupture Risk Assessment for Cerebral Aneurysm Using Interpretable Machine Learning on Multidimensional Data. *Frontiers in Neurology*, **2020**, 11, 570181	4.1	7
13	Utility of adrenocorticotropic hormone in adrenal vein sampling despite the occurrence of discordant lateralization. *Clinical Endocrinology*, **2020**, 93, 394-403	3.4	5
12	Deep learning for automated cerebral aneurysm detection on computed tomography images. *International Journal of Computer Assisted Radiology and Surgery*, **2020**, 15, 715-723	3.9	22
11	COILUMICA: coil embolization of a coronary artery to pulmonary artery fistula via novel dual lumen micro catheter technique. *CVIR Endovascular*, **2020**, 3, 83	1.5	0
10	A pilot validation of CFD model results against PIV observations of haemodynamics in intracranial aneurysms treated with flow-diverting stents. *Journal of Biomechanics*, **2020**, 100, 109590	2.9	10
9	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. *International Journal of Stroke*, **2018**, 13, 328-334	6.3	37
8	Numerical simulation of aneurysmal haemodynamics with calibrated porous-medium models of flow-diverting stents. *Journal of Biomechanics*, **2018**, 80, 88-94	2.9	21
7	Haemodynamic effects of stent diameter and compaction ratio on flow-diversion treatment of intracranial aneurysms: A numerical study of a successful and an unsuccessful case. *Journal of Biomechanics*, **2017**, 58, 179-186	2.9	17
6	Feasibility of Real-Time Angiographic Perfusion Imaging in the Treatment of Cerebral Vasospasm. *Interventional Neurology*, **2017**, 6, 163-169	3	4
5	Endovascular Thrombectomy for Ischemic Stroke Increases Disability-Free Survival, Quality of Life, and Life Expectancy and Reduces Cost. *Frontiers in Neurology*, **2017**, 8, 657	4.1	36
4	Evaluation of the carotid artery stenosis based on minimization of mechanical energy loss of the blood flow. *Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine*, **2016**, 230, 1051-1058	1.7	5
3	Blood flow reduction of covered small side branches after flow diverter treatment: a computational fluid hemodynamic quantitative analysis. *Journal of Biomechanics*, **2015**, 48, 895-8	2.9	12

2	Effect of flow diversion with silk on aneurysm size: A single center experience. *Interventional Neuroradiology*, **2015**, 21, 12-8	1.9	8
1	The influence of flow diverter's angle of curvature across the aneurysm neck on its haemodynamics. *Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine*, **2015**, 229, 560-9	1.7	2