

Liang-Der Jou

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

468
citations

840776

11
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between luminal geometry changes and hemodynamics in fusiform intracranial aneurysms. American Journal of Neuroradiology, 2005, 26, 2357-63.	2.4	91
2	Computational approach to quantifying hemodynamic forces in giant cerebral aneurysms. American Journal of Neuroradiology, 2003, 24, 1804-10.	2.4	88
3	MR imaging of flow through tortuous vessels: A numerical simulation. Magnetic Resonance in Medicine, 1994, 31, 184-195.	3.0	43
4	Calculation of the magnetization distribution for fluid flow in curved vessels. Magnetic Resonance in Medicine, 1996, 35, 577-584.	3.0	40
5	Cross-flow at the anterior communicating artery and its implication in cerebral aneurysm formation. Journal of Biomechanics, 2010, 43, 2189-2195.	2.1	33
6	Retrieval of distorted pipeline embolic device using snare-loop. Journal of Vascular and Interventional Neurology, 2014, 7, 1-4.	1.1	28
7	Hemodynamic effect of Neuroform stent on intimal hyperplasia and thrombus formation in a carotid aneurysm. Medical Engineering and Physics, 2011, 33, 573-580.	1.7	27
8	Metal coverage ratio of pipeline embolization device for treatment of unruptured aneurysms: Reality check. Interventional Neuroradiology, 2016, 22, 42-48.	1.1	25
9	Numerical Simulation of Magnetic Resonance Angiographies of an Anatomically Realistic Stenotic Carotid Bifurcation. Annals of Biomedical Engineering, 2005, 33, 270-283.	2.5	23
10	Timing and size of flow impingement in a giant intracranial aneurysm at the internal carotid artery. Medical and Biological Engineering and Computing, 2011, 49, 891-899.	2.8	16
11	Growth rate and rupture rate of unruptured intracranial aneurysms: a population approach. BioMedical Engineering OnLine, 2009, 8, 11.	2.7	15
12	Hemodynamic relationship between intracranial aneurysm and carotid stenosis: review of clinical cases and numerical analyses. Neurological Research, 2010, 32, 1083-1089.	1.3	11
13	DETERMINING INTRA-ANEURYSMAL FLOW FOR COILED CEREBRAL ANEURYSMS WITH DIGITAL FLUOROSCOPY. Biomedical Engineering - Applications, Basis and Communications, 2004, 16, 43-48.	0.6	10
14	Indirect measurement of aneurysm wall thickness using digital stethoscope. Neurological Research, 2010, 32, 661-665.	1.3	5
15	Transport of contrast agents in contrast-enhanced magnetic resonance angiography. Magnetic Resonance Imaging, 2004, 22, 495-504.	1.8	4
16	In vitro investigation of contrast flow jet timing in patient-specific intracranial aneurysms. Quantitative Imaging in Medicine and Surgery, 2016, 6, 134-143.	2.0	3
17	InÂvitro digital subtraction angiographic evaluation of flow diverters in a patient-specific aneurysm. Interventional Neuroradiology, 2017, 23, 260-266.	1.1	3
18	Hemodynamics of small aneurysm pairs at the internal carotid artery. Medical Engineering and Physics, 2012, 34, 1454-1461.	1.7	2

#	ARTICLE	IF	CITATIONS
19	Rapid Growth of Cerebral Aneurysms Before Rupture. , 2007, , .		1
20	Cross-Flow at Anterior Communicating Artery and Implication in Cerebral Aneurysm Formation. , 2009, , .		0
21	Arterial Flows in Carotid Artery Dissection. , 2007, , .		0
22	Endothelial Cell Migration in Patient-Specific Models of Intracranial Aneurysm. , 2010, , .		0