Oliver Beuing

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1452914/publications.pdf

Version: 2024-02-01

22	654	567281 15	713466 21
papers	citations	h-index	g-index

23	23	23	705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endovascular Treatment of Acute Ischemic Stroke With the Penumbra System in Routine Practice: COMPLETE Registry Results. Stroke, 2022, 53, 769-778.	2.0	13
2	MedmeshCNN - Enabling meshcnn for medical surface models. Computer Methods and Programs in Biomedicine, 2021, 210, 106372.	4.7	13
3	Can Endovascular Treatment of Fusiform Intracranial Aneurysms Restore the Healthy Hemodynamic Environment?â€“A Virtual Pilot Study. Frontiers in Neurology, 2021, 12, 771694.	2.4	4
4	Reduction of beam hardening artifacts on real C-arm CT data using polychromatic statistical image reconstruction. Zeitschrift Fur Medizinische Physik, 2020, 30, 40-50.	1.5	7
5	Late sudden death following subarachnoid hemorrhage during cerebral angiography - Was vasospasm to blame?. Clinical Neurology and Neurosurgery, 2020, 198, 106232.	1.4	0
6	Stent-assisted coiling of broad-necked intracranial aneurysms with a new braided microstent (Accero): procedural results and long-term follow-up. Scientific Reports, 2020, 10, 412.	3.3	8
7	Flow-splitting-based computation of outlet boundary conditions for improved cerebrovascular simulation in multiple intracranial aneurysms. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1805-1813.	2.8	18
8	Stent-induced vessel deformation after intracranial aneurysm treatment â€“ A hemodynamic pilot study. Computers in Biology and Medicine, 2019, 111, 103338.	7.0	20
9	Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH)â€”Phase Ib: Effect of morphology on hemodynamics. PLoS ONE, 2019, 14, e0216813.	2.5	23
10	Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH)â€”phase II: rupture risk assessment. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1795-1804.	2.8	29
11	Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH): uncertainty quantification of geometric rupture risk parameters. BioMedical Engineering OnLine, 2019, 18, 35.	2.7	9
12	A review on the reliability of hemodynamic modeling in intracranial aneurysms: why computational fluid dynamics alone cannot solve the equation. Neurosurgical Focus, 2019, 47, E15.	2.3	60
13	Clinical and experimental evidence suggest a link between KIF7 and C5orf42-related ciliopathies through Sonic Hedgehog signaling. European Journal of Human Genetics, 2018, 26, 197-209.	2.8	23
14	Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH): Phase I: Segmentation. Cardiovascular Engineering and Technology, 2018, 9, 565-581.	1.6	59
15	Semiautomatic neck curve reconstruction for intracranial aneurysm rupture risk assessment based on morphological parameters. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1781-1793.	2.8	22
16	Beam Hardening Correction Using Cone Beam Consistency Conditions. IEEE Transactions on Medical Imaging, 2018, 37, 2266-2277.	8.9	24
17	The Computational Fluid Dynamics Rupture Challenge 2013â€”Phase II: Variability of Hemodynamic Simulations in Two Intracranial Aneurysms. Journal of Biomechanical Engineering, 2015, 137, 121008.	1.3	74
18	An automatic CFD-based flow diverter optimization principle for patient-specific intracranial aneurysms. Journal of Biomechanics, 2015, 48, 3846-3852.	2.1	39

#	Article	IF	Citations
19	Cerebral Blood Flow in a Healthy Circle of Willis and Two Intracranial Aneurysms: Computational Fluid Dynamics Versus Four-Dimensional Phase-Contrast Magnetic Resonance Imaging. Journal of Biomechanical Engineering, 2014, 136, .	1.3	95
20	Recommendations for accurate numerical blood flow simulations of stented intracranial aneurysms. Biomedizinische Technik, 2013, 58, 303-14.	0.8	24
21	Automatic Detection and Visualization of Qualitative Hemodynamic Characteristics in Cerebral Aneurysms. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 2178-2187.	4.4	25
22	Impact of Stents and Flow Diverters on Hemodynamics in Idealized Aneurysm Models. Journal of Biomechanical Engineering, 2011, 133, 071005.	1.3	65