Yuhua Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

36	903	430442	476904
papers	citations	18 h-index	29 g-index

36	36	36	844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative analysis of unruptured intracranial aneurysm wall thickness and enhancement using 7T high resolution, black blood magnetic resonance imaging. Journal of NeuroInterventional Surgery, 2022, 14, 723-728.	2.0	11
2	Comparison of 7ÂT and 3ÂT vessel wall MRI for the evaluation of intracranial aneurysm wall. European Radiology, 2022, 32, 2384-2392.	2.3	10
3	Multilevel Operation Strategy of a Vascular Interventional Robot System for Surgical Safety in Teleoperation. IEEE Transactions on Robotics, 2022, 38, 2238-2250.	7.3	32
4	Endovascular Treatment of Large or Giant Basilar Artery Aneurysms Using the Pipeline Embolization Device: Complications and Outcomes. Frontiers in Neurology, 2022, 13, 843839.	1.1	8
5	Deep neural network-based detection and segmentation of intracranial aneurysms on 3D rotational DSA. Interventional Neuroradiology, 2021, 27, 648-657.	0.7	11
6	Case Report: De novo Vertebral Artery Dissection After Intravascular Stenting of the Contralateral Unruptured Vertebral Artery Aneurysm. Frontiers in Neurology, 2021, 12, 599197.	1.1	3
7	Animal Experiment of a Novel Neurointerventional Surgical Robotic System with Master-Slave Mode. Applied Bionics and Biomechanics, 2021, 2021, 1-8.	0.5	0
8	Wall enhancement of intracranial saccular and fusiform aneurysms may differ in intensity and extension: a pilot study using 7-T high-resolution black-blood MRI. European Radiology, 2020, 30, 301-307.	2.3	28
9	Cell-free microRNA-21: biomarker for intracranial aneurysm rupture. Chinese Neurosurgical Journal, 2020, 6, 15.	0.3	6
10	Alterations of gut microbiota contribute to the progression of unruptured intracranial aneurysms. Nature Communications, 2020, 11, 3218.	5.8	56
11	A vascular interventional surgical robot based on surgeonâ€™s operating skills. Medical and Biological Engineering and Computing, 2019, 57, 1999-2010.	1.6	53
12	Bifurcation Configuration Is an Independent Risk Factor for Aneurysm Rupture Irrespective of Location. Frontiers in Neurology, 2019, 10, 844.	1.1	20
13	A CNN-based prototype method of unstructured surgical state perception and navigation for an endovascular surgery robot. Medical and Biological Engineering and Computing, 2019, 57, 1875-1887.	1.6	60
14	Complementary Roles of Dynamic Contrast-Enhanced MR Imaging and Postcontrast Vessel Wall Imaging in Detecting High-Risk Intracranial Aneurysms. American Journal of Neuroradiology, 2019, 40, 490-496.	1.2	18
15	Surgeonsâ€™ Operation Skill-Based Control Strategy and Preliminary Evaluation for a Vascular Interventional Surgical Robot. Journal of Medical and Biological Engineering, 2019, 39, 653-664.	1.0	18
16	A cooperation of catheters and guidewires-based novel remote-controlled vascular interventional robot. Biomedical Microdevices, 2018, 20, 20.	1.4	86
17	Study on real-time force feedback for a masterâ€“slave interventional surgical robotic system. Biomedical Microdevices, 2018, 20, 37.	1.4	55
18	Operating force information on-line acquisition of a novel slave manipulator for vascular interventional surgery. Biomedical Microdevices, 2018, 20, 33.	1.4	64

#	Article	IF	Citations
19	Operation evaluation in-human of a novel remote-controlled vascular interventional robot. Biomedical Microdevices, 2018, 20, 34.	1.4	74
20	Use of Pipeline Embolization Device for Posterior Circulation Aneurysms: Single-Center Experiences with Comparison with Anterior Circulation Aneurysms. World Neurosurgery, 2018, 112, e683-e690.	0.7	16
21	Online measuring and evaluation of guidewire inserting resistance for robotic interventional surgery systems. Microsystem Technologies, 2018, 24, 3467-3477.	1.2	25
22	Vessel Enhancing for a Continuous DSA Method towards Endovascular Interventional Surgery. , 2018, , .		0
23	Initial Clinical Trial of Robot of Endovascular Treatment with Force Feedback and Cooperating of Catheter and Guidewire. Applied Bionics and Biomechanics, 2018, 2018, 1-10.	0.5	6
24	Transverse microvibrations-based guide wires drag reduction evaluation for endovascular interventional application. Biomedical Microdevices, 2018, 20, 69.	1.4	12
25	Influence of CYP2C19 genetic polymorphisms on clinical outcomes of intracranial aneurysms treated with stent-assisted coiling. Journal of NeuroInterventional Surgery, 2017, 9, 958-962.	2.0	12
26	Comparison of Grading Scales Regarding Perioperative Complications and Clinical Outcomes of Brain Arteriovenous Malformations After Endovascular Therapyâ€”Multicenter Study. World Neurosurgery, 2017, 106, 394-401.	0.7	11
27	Safety and efficacy of endovascular therapy and gamma knife surgery for brain arteriovenous malformations in China: Study protocol for an observational clinical trial. Contemporary Clinical Trials Communications, 2017, 7, 103-108.	0.5	1
28	Advances in Research of Intracranial Vascular Stent. Translational Neuroscience and Clinics, 2017, 3, 176-184.	0.1	0
29	Endovascular Treatment of 147 Cases of Cavernous Carotid Aneurysms: A Single-Center Experience. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1929-1935.	0.7	10
30	Endovascular pure electrocoagulation of intracranial perforator blister-like aneurysm not accessible to microcatheterâ€”New approach to treat small vessel hemorrhage disease. International Journal of Stroke, 2016, 11, NP60-NP61.	2.9	9
31	Relationship between aneurysm wall enhancement and conventional risk factors in patients with unruptured intracranial aneurysms: A black-blood MRI study. Interventional Neuroradiology, 2016, 22, 501-505.	0.7	47
32	Insufficient platelet inhibition and thromboembolic complications in patients with intracranial aneurysms after stent placement. Journal of Neurosurgery, 2016, 125, 247-253.	0.9	35
33	Gamma Knife surgical treatment for partially embolized cerebral arteriovenous malformations. Journal of Neurosurgery, 2016, 124, 767-776.	0.9	20
34	Aberrant Expression of microRNA-9 Contributes to Development of Intracranial Aneurysm by Suppressing Proliferation and Reducing Contractility of Smooth Muscle Cells. Medical Science Monitor, 2016, 22, 4247-4253.	0.5	19
35	Thromboelastography for monitoring platelet function in unruptured intracranial aneurysm patients undergoing stent placement. Interventional Neuroradiology, 2015, 21, 61-68.	0.7	22
36	Circulating microRNA: a novel potential biomarker for early diagnosis of Intracranial Aneurysm Rupture a case control study. Journal of Translational Medicine, 2013, 11, 296.	1.8	45