

Yuhua Jiang

List of Publications by Year in descending order

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36
papers

903
citations

430442

18
h-index

476904

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36
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	A cooperation of catheters and guidewires-based novel remote-controlled vascular interventional robot. <i>Biomedical Microdevices</i> , 2018, 20, 20.	1.4	86
2	Operation evaluation in-human of a novel remote-controlled vascular interventional robot. <i>Biomedical Microdevices</i> , 2018, 20, 34.	1.4	74
3	Operating force information on-line acquisition of a novel slave manipulator for vascular interventional surgery. <i>Biomedical Microdevices</i> , 2018, 20, 33.	1.4	64
4	A CNN-based prototype method of unstructured surgical state perception and navigation for an endovascular surgery robot. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1875-1887.	1.6	60
5	Alterations of gut microbiota contribute to the progression of unruptured intracranial aneurysms. <i>Nature Communications</i> , 2020, 11, 3218.	5.8	56
6	Study on real-time force feedback for a master-slave interventional surgical robotic system. <i>Biomedical Microdevices</i> , 2018, 20, 37.	1.4	55
7	A vascular interventional surgical robot based on surgeon's operating skills. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1999-2010.	1.6	53
8	Relationship between aneurysm wall enhancement and conventional risk factors in patients with unruptured intracranial aneurysms: A black-blood MRI study. <i>Interventional Neuroradiology</i> , 2016, 22, 501-505.	0.7	47
9	Circulating microRNA: a novel potential biomarker for early diagnosis of Intracranial Aneurysm Rupture a case control study. <i>Journal of Translational Medicine</i> , 2013, 11, 296.	1.8	45
10	Insufficient platelet inhibition and thromboembolic complications in patients with intracranial aneurysms after stent placement. <i>Journal of Neurosurgery</i> , 2016, 125, 247-253.	0.9	35
11	Multilevel Operation Strategy of a Vascular Interventional Robot System for Surgical Safety in Teleoperation. <i>IEEE Transactions on Robotics</i> , 2022, 38, 2238-2250.	7.3	32
12	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. <i>European Radiology</i> , 2020, 30, 301-307.	2.3	28
13	Online measuring and evaluation of guidewire inserting resistance for robotic interventional surgery systems. <i>Microsystem Technologies</i> , 2018, 24, 3467-3477.	1.2	25
14	Thromboelastography for monitoring platelet function in unruptured intracranial aneurysm patients undergoing stent placement. <i>Interventional Neuroradiology</i> , 2015, 21, 61-68.	0.7	22
15	Gamma Knife surgical treatment for partially embolized cerebral arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2016, 124, 767-776.	0.9	20
16	Bifurcation Configuration Is an Independent Risk Factor for Aneurysm Rupture Irrespective of Location. <i>Frontiers in Neurology</i> , 2019, 10, 844.	1.1	20
17	Aberrant Expression of microRNA-9 Contributes to Development of Intracranial Aneurysm by Suppressing Proliferation and Reducing Contractility of Smooth Muscle Cells. <i>Medical Science Monitor</i> , 2016, 22, 4247-4253.	0.5	19
18	Complementary Roles of Dynamic Contrast-Enhanced MR Imaging and Postcontrast Vessel Wall Imaging in Detecting High-Risk Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2019, 40, 490-496.	1.2	18

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19	Surgeonsâ€™ Operation Skill-Based Control Strategy and Preliminary Evaluation for a Vascular Interventional Surgical Robot. <i>Journal of Medical and Biological Engineering</i> , 2019, 39, 653-664.	1.0	18
20	Use of Pipeline Embolization Device for Posterior Circulation Aneurysms: Single-Center Experiences with Comparison with Anterior Circulation Aneurysms. <i>World Neurosurgery</i> , 2018, 112, e683-e690.	0.7	16
21	Influence of CYP2C19 genetic polymorphisms on clinical outcomes of intracranial aneurysms treated with stent-assisted coiling. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 958-962.	2.0	12
22	Transverse microvibrations-based guide wires drag reduction evaluation for endovascular interventional application. <i>Biomedical Microdevices</i> , 2018, 20, 69.	1.4	12
23	Comparison of Grading Scales Regarding Perioperative Complications and Clinical Outcomes of Brain Arteriovenous Malformations After Endovascular Therapyâ€™ Multicenter Study. <i>World Neurosurgery</i> , 2017, 106, 394-401.	0.7	11
24	Deep neural network-based detection and segmentation of intracranial aneurysms on 3D rotational DSA. <i>Interventional Neuroradiology</i> , 2021, 27, 648-657.	0.7	11
25	Quantitative analysis of unruptured intracranial aneurysm wall thickness and enhancement using 7T high resolution, black blood magnetic resonance imaging. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 723-728.	2.0	11
26	Endovascular Treatment of 147 Cases of Cavernous Carotid Aneurysms: A Single-Center Experience. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1929-1935.	0.7	10
27	Comparison of 7Â° and 3Â° vessel wall MRI for the evaluation of intracranial aneurysm wall. <i>European Radiology</i> , 2022, 32, 2384-2392.	2.3	10
28	Endovascular pure electrocoagulation of intracranial perforator blister-like aneurysm not accessible to microcatheterâ€™ New approach to treat small vessel hemorrhage disease. <i>International Journal of Stroke</i> , 2016, 11, NP60-NP61.	2.9	9
29	Endovascular Treatment of Large or Giant Basilar Artery Aneurysms Using the Pipeline Embolization Device: Complications and Outcomes. <i>Frontiers in Neurology</i> , 2022, 13, 843839.	1.1	8
30	Initial Clinical Trial of Robot of Endovascular Treatment with Force Feedback and Cooperating of Catheter and Guidewire. <i>Applied Bionics and Biomechanics</i> , 2018, 2018, 1-10.	0.5	6
31	Cell-free microRNA-21: biomarker for intracranial aneurysm rupture. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 15.	0.3	6
32	Case Report: De novo Vertebral Artery Dissection After Intravascular Stenting of the Contralateral Unruptured Vertebral Artery Aneurysm. <i>Frontiers in Neurology</i> , 2021, 12, 599197.	1.1	3
33	Safety and efficacy of endovascular therapy and gamma knife surgery for brain arteriovenous malformations in China: Study protocol for an observational clinical trial. <i>Contemporary Clinical Trials Communications</i> , 2017, 7, 103-108.	0.5	1
34	Advances in Research of Intracranial Vascular Stent. <i>Translational Neuroscience and Clinics</i> , 2017, 3, 176-184.	0.1	0
35	Vessel Enhancing for a Continuous DSA Method towards Endovascular Interventional Surgery. , 2018, , ,		0
36	Animal Experiment of a Novel Neurointerventional Surgical Robotic System with Master-Slave Mode. <i>Applied Bionics and Biomechanics</i> , 2021, 2021, 1-8.	0.5	0