

Sishi Xiang

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

771
citations

13
h-index

25
g-index

95
ext. papers

1,142
ext. citations

4.2
avg, IF

4.15
L-index

#	Paper	IF	Citations
83	Long-term outcomes and prognostic factors in patients with treated spinal dural arteriovenous fistulas: a prospective cohort study.. <i>BMJ Open</i> , 2022 , 12, e047390	3	1
82	Case Report: Dynamic Changes in Hemodynamics During the Formation and Progression of Intracranial Aneurysms.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 775536	5.4	1
81	Risk Factors for Pericallosal Artery Aneurysm Rupture Based on Morphological Computer-Assisted Semiautomated Measurement and Hemodynamic Analysis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 759806	5.1	2
80	Somatic MAP3K3 and PIK3CA mutations in sporadic cerebral and spinal cord cavernous malformations. <i>Brain</i> , 2021 , 144, 2648-2658	11.2	7
79	Targeted temperature management at 33 degrees Celsius in patients with high-grade aneurysmal subarachnoid hemorrhage: a protocol for a multicenter randomized controlled study. <i>Annals of Translational Medicine</i> , 2021 , 9, 581	3.2	0
78	Filum Terminale Arteriovenous Shunt with Nidus Structure: A Report of Rare Condition and Treatment Consideration. <i>International Journal of Neuroscience</i> , 2021 , 1-5	2	
77	Postoperative occlusion degree after flow-diverter placement with adjunctive coiling: analysis of complications. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1
76	The efficacy and deficiency of contemporary treatment for spinal cord arteriovenous shunts. <i>Brain</i> , 2021 ,	11.2	1
75	Health-related quality of life outcomes and influencing factors in patients with unruptured intracranial aneurysms after endovascular treatment. <i>Quality of Life Research</i> , 2021 , 30, 2843-2852	3.7	0
74	LJ529 attenuates mast cell-related inflammation via AR-PKC/ALDH2 pathway after subarachnoid hemorrhage in rats. <i>Experimental Neurology</i> , 2021 , 340, 113686	5.7	2
73	GPR18 Agonist Resolvin D2 Reduces Early Brain Injury in a Rat Model of Subarachnoid Hemorrhage by Multiple Protective Mechanisms. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1	4.6	1
72	Management of acute ischemic stroke under routine infection prevention practices for COVID-19. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, e10	7.8	1
71	A novel score for evaluating cerebral aneurysms treated with flow diversion: 4F-flow diversion predictive score. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211039336	6.6	1
70	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , 2021 , 89, 1112-1121	3.2	2
69	The sensitivity and specificity of TOF-MRA compared with DSA in the follow-up of treated intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1172-1179	7.8	1
68	Natural History and Clinical Outcomes of Paravertebral Arteriovenous Shunts. <i>Stroke</i> , 2021 , 52, 3873-3882	8.7	0
67	Cranio-cervical junction dural arteriovenous fistula with rare fistulous site. <i>Journal of Neurosurgical Sciences</i> , 2021 , 65, 456-457	1.3	

66	Pipeline Embolization Device for the Treatment of Ruptured Intracerebral Aneurysms: A Multicenter Retrospective Study. <i>Frontiers in Neurology</i> , 2021 , 12, 675917	4.1	1
65	Seizure Outcome in Patients with Seizure-Associated Dural Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2021 , 155, e738-e747	2.1	0
64	Pharmacologic Provocative Testing in Combination With Intraoperative Neurophysiologic Monitoring During Arteriovenous Malformation Embolization. <i>World Neurosurgery</i> , 2021 , 154, e72-e81	2.1	
63	Pipeline Embolization Device for Intracranial Aneurysms in a Large Chinese Cohort: Complication Risk Factor Analysis. <i>Neurotherapeutics</i> , 2021 , 18, 1198-1206	6.4	1
62	Current Knowledge of and Perspectives about the Pathogenesis of Blood Blister-like Aneurysms of the Internal Carotid Artery: A Review of the Literature. <i>International Journal of Medical Sciences</i> , 2021 , 18, 2017-2022	3.7	1
61	Characteristics and Long-Term Outcome of 20 Children With Intramedullary Spinal Cord Cavernous Malformations. <i>Neurosurgery</i> , 2020 , 86, 817-824	3.2	7
60	Suboccipital transtentorial approach to remove a cerebellar cavernous malformation adjacent to cerebellomesencephalic fissure. <i>Acta Neurochirurgica</i> , 2020 , 162, 1767-1770	3	
59	TREM2 activation attenuates neuroinflammation and neuronal apoptosis via PI3K/Akt pathway after intracerebral hemorrhage in mice. <i>Journal of Neuroinflammation</i> , 2020 , 17, 168	10.1	48
58	Preservation of Coexisting Normal Superior Petrosal Vein in the Microsurgical Treatment of Superior Petrosal Sinus Dural Arteriovenous Fistulas Assisted by Indocyanine Green Video Angiography. <i>World Neurosurgery</i> , 2020 , 141, e836-e843	2.1	1
57	Experience With the Pipeline Embolization Device for Posterior Circulations Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2020 , 87, 1252-1261	3.2	9
56	Steroid-Associated Acute Clinical Worsening and Poor Outcome in Patients With Spinal Dural Arteriovenous Fistulas: A Prospective Cohort Study. <i>Spine</i> , 2020 , 45, E656-E662	3.3	3
55	Using the modified Delphi method to research the influencing factors of long-term health-related quality of life in patients with unruptured intracranial aneurysms after endovascular treatment. <i>Chinese Neurosurgical Journal</i> , 2020 , 6, 7	1.6	2
54	The biological and diagnostic roles of MicroRNAs in meningiomas. <i>Reviews in the Neurosciences</i> , 2020 , 31, 771-778	4.7	3
53	Risk Factors of Angiographic Recurrence After Endovascular Coil Embolization of Intracranial Saccular Aneurysms: A Retrospective Study Using a Multicenter Database. <i>Frontiers in Neurology</i> , 2020 , 11, 1026	4.1	6
52	Accuracy and reliability of computer-assisted semi-automated morphological analysis of intracranial aneurysms: an experimental study with digital phantoms and clinical aneurysm cases. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 1749-1759	3.9	4
51	Pipeline Embolization device for intracranial aneurysms in a large Chinese cohort: factors related to aneurysm occlusion. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420967828	6.6	6
50	Morphological Characteristics of Pericallosal Artery Aneurysms and Their High Propensity for Rupture. <i>World Neurosurgery</i> , 2020 , 133, e320-e326	2.1	3
49	The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol of a multi-center registration study in CIAP. <i>Journal of Translational Medicine</i> , 2019 , 17, 349	8.5	1

48	Glucocorticoid induced acute paraplegia in a patient with intracranial dural arteriovenous fistula. <i>Neurological Sciences</i> , 2019 , 40, 2411-2414	3.5	1
47	Natural history of spinal cord arteriovenous shunts: an observational study. <i>Brain</i> , 2019 , 142, 2265-2275	11.2	12
46	Styloidectomy and Venous Stenting for Treatment of Styloid-Induced Internal Jugular Vein Stenosis: A Case Report and Literature Review. <i>World Neurosurgery</i> , 2019 , 130, 129-132	2.1	9
45	Reconstructive endovascular treatment of the V4 segment of a vertebral artery dissecting aneurysm with the Willis covered stent: A retrospective study. <i>Interventional Neuroradiology</i> , 2019 , 25, 548-555	1.9	5
44	Double-Barrel Superficial Temporal Artery to Proximal Middle Cerebral Artery Bypass to Treat Complex Intracranial Aneurysms: A Reliable High Blood Flow Bypass. <i>World Neurosurgery</i> , 2019 , 125, e884-e890	2.1	8
43	Teaching NeuroImages: Lower cervical spine dural arteriovenous fistula presenting as subarachnoid hemorrhage. <i>Neurology</i> , 2019 , 92, e1798-e1800	6.5	1
42	Contrast Staining may be Associated with Intracerebral Hemorrhage but Not Functional Outcome in Acute Ischemic Stroke Patients Treated with Endovascular Thrombectomy 2019 , 10, 784-792		12
41	Coexistence of Intracranial and Spinal Cord Cavernous Malformations Predict Aggressive Clinical Presentation. <i>Frontiers in Neurology</i> , 2019 , 10, 618	4.1	3
40	Collagen-chitosan scaffold impregnated with bone marrow mesenchymal stem cells for treatment of traumatic brain injury. <i>Neural Regeneration Research</i> , 2019 , 14, 1780-1786	4.5	17
39	Changes in Evoked Potentials in a Hybrid Surgery of Spinal Arteriovenous Malformations Associated with Nerve Root AVF. <i>Neurology India</i> , 2019 , 67, 1156-1158	0.7	
38	The role of hybrid operating room in emergency microsurgery for massive intracranial hematoma arising from vascular malformations. <i>Journal of Neurosurgical Sciences</i> , 2019 , 63, 345-347	1.3	
37	Step-wise pterional combined epidural and subdural approach to clip large carotid-ophthalmic segment aneurysms. <i>Acta Neurochirurgica</i> , 2019 , 161, 607-610	3	0
36	Analysis of factors influencing hospital-acquired infection in postoperative patients with intracranial aneurysm. <i>BMC Neurology</i> , 2019 , 19, 332	3.1	5
35	High prevalence of KRAS/BRAF somatic mutations in brain and spinal cord arteriovenous malformations. <i>Brain</i> , 2019 , 142, 23-34	11.2	52
34	Differences in the Electrophysiological Monitoring Results of Spinal Cord Arteriovenous and Intramedullary Spinal Cord Cavernous Malformations. <i>World Neurosurgery</i> , 2019 , 122, e315-e324	2.1	4
33	Pediatric perimedullary arteriovenous fistula: clinical features and endovascular treatments. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 411-415	7.8	5
32	MicroRNA-379 inhibits cell proliferation and invasion in glioma via targeting metadherin and regulating PTEN/AKT pathway. <i>Molecular Medicine Reports</i> , 2018 , 17, 4049-4056	2.9	13
31	Endovascular Patch Embolization for Blood Blister-Like Aneurysms in Dorsal Segment of Internal Carotid Artery. <i>World Neurosurgery</i> , 2018 , 113, 26-32	2.1	13

30	Clinical outcomes and prognostic factors in patients with spinal dural arteriovenous fistulas : a prospective cohort study in two Chinese centres. <i>BMJ Open</i> , 2018 , 8, e019800	3	16
29	Long-term outcomes of acute ischemic stroke patients treated with endovascular thrombectomy: A real-world experience. <i>Journal of the Neurological Sciences</i> , 2018 , 390, 77-83	3.2	20
28	Transient Cortical Blindness Associated with Endovascular Procedures for Intracranial Aneurysms. <i>World Neurosurgery</i> , 2018 , 119, 123-131	2.1	5
27	Filum Terminale Arteriovenous Fistulas with Multiple Shunt Points: A Report of Two Exceptional Cases. <i>World Neurosurgery</i> , 2018 , 118, 235-239	2.1	7
26	Clipping of a Pediatric Pial Arteriovenous Fistula Located at Basilar Artery Tip Using a Hybrid Trapping-Evacuation Technique. <i>World Neurosurgery</i> , 2018 , 117, 292-297	2.1	1
25	Dural Arteriovenous Fistulas at the Petrous Apex with Pial Arterial Supplies. <i>World Neurosurgery</i> , 2018 , 118, e543-e549	2.1	5
24	Double-barrel STA to proximal MCA bypass and proximal parent artery occlusion for a fusiform superior clinoidal ICA aneurysm. <i>Acta Neurochirurgica</i> , 2018 , 160, 1939-1943	3	4
23	China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. <i>BMJ Open</i> , 2018 , 8, e019333	3	3
22	China Intracranial Aneurysm Project (CIAP): protocol for a registry study on a multidimensional prediction model for rupture risk of unruptured intracranial aneurysms. <i>Journal of Translational Medicine</i> , 2018 , 16, 263	8.5	8
21	Hybrid Operation of a Ruptured Aneurysm Associated with a Developmental Venous Anomaly. <i>World Neurosurgery</i> , 2018 , 120, 63-65	2.1	2
20	Snare technique for endovascular retrieval of coil extending to the atrium after embolization of a dural arteriovenous fistula. <i>Acta Neurochirurgica</i> , 2018 , 160, 2177-2186	3	0
19	Dural Arteriovenous Fistulas at the Petrous Apex. <i>World Neurosurgery</i> , 2018 , 119, e968-e976	2.1	6
18	Stent-Assisted Coiling May Prevent the Recurrence of Very Small Ruptured Intracranial Aneurysms: A Multicenter Study. <i>World Neurosurgery</i> , 2017 , 100, 22-29	2.1	11
17	Trigeminal neuralgia caused by a dilated superior cerebellar artery and a draining vein of cerebellar arteriovenous malformations: a case report and review of the literature. <i>Acta Neurochirurgica</i> , 2017 , 159, 689-694	3	4
16	Safety and Efficacy of Remote Ischemic Preconditioning in Patients With Severe Carotid Artery Stenosis Before Carotid Artery Stenting: A Proof-of-Concept, Randomized Controlled Trial. <i>Circulation</i> , 2017 , 135, 1325-1335	16.7	77
15	A New Type of Spinal Epidural Arteriovenous Fistulas Causes Spinal Epidural Hemorrhage: An Analysis of Five Cases and Natural History Consideration. <i>World Neurosurgery</i> , 2017 , 103, 371-379	2.1	9
14	Evaluation of recanalisation treatment on posterior circulation ischemic stroke by Solitaire device-A multicenter retrospective study. <i>Neurologia I Neurochirurgia Polska</i> , 2017 , 51, 208-213	1	5
13	Pediatric thoracic SCIWORA after back bend during dance practice: a retrospective case series and analysis of trauma mechanisms. <i>Childs Nervous System</i> , 2017 , 33, 1191-1198	1.7	6

12	MicroRNA-322 attenuates aluminum maltolate-induced apoptosis in the human SH-SY5Y neuroblastoma cell line. <i>Molecular Medicine Reports</i> , 2017 , 16, 2199-2204	2.9	8
11	Morphological and Hemodynamic Parameters for Middle Cerebral Artery Bifurcation Aneurysm Rupture Risk Assessment. <i>Journal of Korean Neurosurgical Society</i> , 2017 , 60, 504-510	2.3	17
10	Microsurgical resection of a high-grade occipital arteriovenous malformation after staged embolization. <i>Neurosurgical Focus</i> , 2017 , 43, V11	4.2	3
9	Low-Dose Tirofiban Improves Functional Outcome in Acute Ischemic Stroke Patients Treated With Endovascular Thrombectomy. <i>Stroke</i> , 2017 , 48, 3289-3294	6.7	69
8	Concomitant Lumbosacral Perimedullary Arteriovenous Fistula and Spinal Dural Arteriovenous Fistula. <i>World Neurosurgery</i> , 2017 , 105, 1041.e7-1041.e14	2.1	12
7	Spontaneous Spinal Epidural Hematoma: A Study of 55 Cases Focused on the Etiology and Treatment Strategy. <i>World Neurosurgery</i> , 2017 , 98, 546-554	2.1	19
6	Risk Factors of Recurrence after Stent(s)-Assisted Coiling of Intracranial Vertebrobasilar Dissecting Aneurysms: A Multicenter Study. <i>Frontiers in Neurology</i> , 2017 , 8, 482	4.1	7
5	Wall enhancement on high-resolution magnetic resonance imaging may predict an unsteady state of an intracranial saccular aneurysm. <i>Neuroradiology</i> , 2016 , 58, 979-985	3.2	84
4	Retrieval of a migrated coil with a handmade microwire-snare device. <i>Acta Neurochirurgica</i> , 2016 , 158, 1539-43	3	7
3	Endovascular Hypothermia in Acute Ischemic Stroke: Pilot Study of Selective Intra-Arterial Cold Saline Infusion. <i>Stroke</i> , 2016 , 47, 1933-5	6.7	65
2	Blood flow reduction of covered small side branches after flow diverter treatment: a computational fluid hemodynamic quantitative analysis. <i>Journal of Biomechanics</i> , 2015 , 48, 895-8	2.9	12
1	Common features in patients with intracerebral hemorrhage following superficial temporal artery-middle cerebral artery bypass in steno-occlusive cerebrovascular disease. <i>Neural Regeneration Research</i> , 2012 , 7, 1585-90	4.5	1