

Sishi Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,485
citations

516215

16
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395343

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docs citations

95
times ranked

1903
citing authors

#	ARTICLE	IF	CITATIONS
1	TREM2 activation attenuates neuroinflammation and neuronal apoptosis via PI3K/Akt pathway after intracerebral hemorrhage in mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 168.	3.1	156
2	Low-Dose Tirofiban Improves Functional Outcome in Acute Ischemic Stroke Patients Treated With Endovascular Thrombectomy. <i>Stroke</i> , 2017, 48, 3289-3294.	1.0	113
3	Safety and Efficacy of Remote Ischemic Preconditioning in Patients With Severe Carotid Artery Stenosis Before Carotid Artery Stenting. <i>Circulation</i> , 2017, 135, 1325-1335.	1.6	108
4	High prevalence of KRAS/BRAF somatic mutations in brain and spinal cord arteriovenous malformations. <i>Brain</i> , 2019, 142, 23-34.	3.7	107
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.	1.1	98
6	Endovascular Hypothermia in Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1933-1935.	1.0	90
7	Somatic <i>MAP3K3</i> and <i>PIK3CA</i> mutations in sporadic cerebral and spinal cord cavernous malformations. <i>Brain</i> , 2021, 144, 2648-2658.	3.7	52
8	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.	0.3	31
9	Natural history of spinal cord arteriovenous shunts: an observational study. <i>Brain</i> , 2019, 142, 2265-2275.	3.7	28
10	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, 175628642096782.	1.5	28
11	Collagen-chitosan scaffold impregnated with bone marrow mesenchymal stem cells for treatment of traumatic brain injury. <i>Neural Regeneration Research</i> , 2019, 14, 1780.	1.6	28
12	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.	0.8	27
13	Contrast Staining may be Associated with Intracerebral Hemorrhage but Not Functional Outcome in Acute Ischemic Stroke Patients Treated with Endovascular Thrombectomy. , 2019, 10, 784.		25
14	Spontaneous Spinal Epidural Hematoma: A Study of 55 Cases Focused on the Etiology and Treatment Strategy. <i>World Neurosurgery</i> , 2017, 98, 546-554.	0.7	24
15	Pipeline Embolization Device for Intracranial Aneurysms in a Large Chinese Cohort: Complication Risk Factor Analysis. <i>Neurotherapeutics</i> , 2021, 18, 1198-1206.	2.1	24
16	Experience With the Pipeline Embolization Device for Posterior Circulations Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2020, 87, 1252-1261.	0.6	23
17	Stent-Assisted Coiling May Prevent the Recurrence of Very Small Ruptured Intracranial Aneurysms: A Multicenter Study. <i>World Neurosurgery</i> , 2017, 100, 22-29.	0.7	20
18	Morphological and Hemodynamic Parameters for Middle Cerebral Artery Bifurcation Aneurysm Rupture Risk Assessment. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 504-510.	0.5	20

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19	Pediatric thoracic SCIWORA after back bend during dance practice: a retrospective case series and analysis of trauma mechanisms. <i>Child's Nervous System</i> , 2017, 33, 1191-1198.	0.6	17
20	Endovascular Patch Embolization for Blood Blister-Like Aneurysms in Dorsal Segment of Internal Carotid Artery. <i>World Neurosurgery</i> , 2018, 113, 26-32.	0.7	17
21	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.	0.7	17
22	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.	1.1	16
23	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , 2021, 89, 1112-1121.	0.6	16
24	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, 895-898.	0.9	14
25	Concomitant Lumbosacral Perimedullary Arteriovenous Fistula and Spinal Dural Arteriovenous Fistula. <i>World Neurosurgery</i> , 2017, 105, 1041.e7-1041.e14.	0.7	14
26	MicroRNA-322 attenuates aluminum maltolate-induced apoptosis in the human SH-SY5Y neuroblastoma cell line. <i>Molecular Medicine Reports</i> , 2017, 16, 2199-2204.	1.1	13
27	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.	0.7	13
28	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.	1.1	13
29	Steroid-Associated Acute Clinical Worsening and Poor Outcome in Patients With Spinal Dural Arteriovenous Fistulas. <i>Spine</i> , 2020, 45, E656-E662.	1.0	13
30	The biological and diagnostic roles of MicroRNAs in meningiomas. <i>Reviews in the Neurosciences</i> , 2020, 31, 771-778.	1.4	13
31	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.	1.8	12
32	Characteristics and Long-Term Outcome of 20 Children With Intramedullary Spinal Cord Cavernous Malformations. <i>Neurosurgery</i> , 2020, 86, 817-824.	0.6	12
33	Analysis of factors influencing hospital-acquired infection in postoperative patients with intracranial aneurysm. <i>BMC Neurology</i> , 2019, 19, 332.	0.8	12
34	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.	0.7	11
35	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.	1.1	11
36	Pediatric perimedullary arteriovenous fistula: clinical features and endovascular treatments. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 411-415.	2.0	11

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37	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.	1.1	11
38	Transient Cortical Blindness Associated with Endovascular Procedures for Intracranial Aneurysms. <i>World Neurosurgery</i> , 2018, 119, 123-131.	0.7	10
39	Filum Terminale Arteriovenous Fistulas with Multiple Shunt Points: A Report of Two Exceptional Cases. <i>World Neurosurgery</i> , 2018, 118, 235-239.	0.7	10
40	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.	1.7	10
41	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.	2.0	10
42	Dural Arteriovenous Fistulas at the Petrous Apex. <i>World Neurosurgery</i> , 2018, 119, e968-e976.	0.7	9
43	Morphological Characteristics of Pericallosal Artery Aneurysms and Their High Propensity for Rupture. <i>World Neurosurgery</i> , 2020, 133, e320-e326.	0.7	9
44	Retrieval of a migrated coil with a handmade microwire-snare device. <i>Acta Neurochirurgica</i> , 2016, 158, 1539-1543.	0.9	8
45	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.	1.4	8
46	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.	0.7	7
47	Differences in the Electrophysiological Monitoring Results of Spinal Cord Arteriovenous and Intramedullary Spinal Cord Cavernous Malformations. <i>World Neurosurgery</i> , 2019, 122, e315-e324.	0.7	7
48	The efficacy and deficiency of contemporary treatment for spinal cord arteriovenous shunts. <i>Brain</i> , 2021, 144, 3381-3391.	3.7	7
49	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> , 2022, 42, 2379-2392.	1.7	7
50	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.	0.8	7
51	Treatment of fusiform aneurysms with a pipeline embolization device: a multicenter cohort study. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 315-320.	2.0	7
52	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.	0.9	6
53	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.	0.6	6
54	Dural Arteriovenous Fistulas at the Petrous Apex with Pial Arterial Supplies. <i>World Neurosurgery</i> , 2018, 118, e543-e549.	0.7	6

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55	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.	0.9	6
56	Postoperative occlusion degree after flow-diverter placement with adjunctive coiling: analysis of complications. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017445.	2.0	6
57	Comparison of the Pipeline embolisation device alone or combined with coiling for treatment of different sizes of intracranial aneurysms. <i>Stroke and Vascular Neurology</i> , 2022, 7, 345-352.	1.5	6
58	Coexistence of Intracranial and Spinal Cord Cavernous Malformations Predict Aggressive Clinical Presentation. <i>Frontiers in Neurology</i> , 2019, 10, 618.	1.1	5
59	Glucocorticoid induced acute paraplegia in a patient with intracranial dural arteriovenous fistula. <i>Neurological Sciences</i> , 2019, 40, 2411-2414.	0.9	5
60	LJ529 attenuates mast cell-related inflammation via A3R-PKC β -ALDH2 pathway after subarachnoid hemorrhage in rats. <i>Experimental Neurology</i> , 2021, 340, 113686.	2.0	5
61	Pipeline Embolization Device for the Treatment of Ruptured Intracerebral Aneurysms: A Multicenter Retrospective Study. <i>Frontiers in Neurology</i> , 2021, 12, 675917.	1.1	5
62	Hybrid Operation of a Ruptured Aneurysm Associated with a Developmental Venous Anomaly. <i>World Neurosurgery</i> , 2018, 120, 63-65.	0.7	4
63	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.	0.7	4
64	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.	0.7	4
65	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.	0.3	4
66	Natural History of Spinal Cord Cavernous Malformations: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2022, 90, 390-398.	0.6	4
67	Microsurgical resection of a high-grade occipital arteriovenous malformation after staged embolization. <i>Neurosurgical Focus</i> , 2017, 43, V11.	1.0	3
68	Teaching NeuroImages: Lower cervical spine dural arteriovenous fistula presenting as subarachnoid hemorrhage. <i>Neurology</i> , 2019, 92, e1798-e1800.	1.5	3
69	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, 175628642110393.	1.5	3
70	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.	0.8	3
71	Case Report: Dynamic Changes in Hemodynamics During the Formation and Progression of Intracranial Aneurysms. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775536.	1.1	3
72	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.	1.8	2

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73	Mortality after treatment of intracranial aneurysms with the Pipeline Embolization Device. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2020-017002.	2.0	2
74	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, 581-581.	0.7	2
75	Natural History and Clinical Outcomes of Paravertebral Arteriovenous Shunts. <i>Stroke</i> , 2021, 52, 3873-3882.	1.0	2
76	Seizure Outcome in Patients with Seizure-Associated Dural Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2021, 155, e738-e747.	0.7	2
77	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.	1.6	2
78	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.	0.9	1
79	Step-wise pterional combined epidural and subdural approach to clip large carotid-ophthalmic segment aneurysms. <i>Acta Neurochirurgica</i> , 2019, 161, 607-610.	0.9	1
80	Management of acute ischemic stroke under routine infection prevention practices for COVID-19. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, e10-e10.	2.0	1
81	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.	1.5	1
82	Asystole during onyx embolisation of dural arteriovenous fistula: a case of trigeminal cardiac reflex. <i>Neurologia I Neurochirurgia Polska</i> , 2021, 55, 410-412.	0.6	1
83	Pharmacologic Provocative Testing in Combination With Intraoperative Neurophysiologic Monitoring During Arteriovenous Malformation Embolization. <i>World Neurosurgery</i> , 2021, 154, e72-e81.	0.7	1
84	Inherited Pial Arteriovenous Fistula in Capillary Malformation—Arteriovenous Malformation Family. <i>Annals of Neurology</i> , 2022, 91, 575-577.	2.8	1
85	Suboccipital transtentorial approach to remove a cerebellar cavernous malformation adjacent to cerebellomesencephalic fissure. <i>Acta Neurochirurgica</i> , 2020, 162, 1767-1770.	0.9	0
86	Filum terminale arteriovenous shunt with nidus structure: a report of rare condition and treatment consideration. <i>International Journal of Neuroscience</i> , 2023, 133, 492-495.	0.8	0
87	Cranio-cervical junction dural arteriovenous fistula with rare fistulous site. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 456-457.	0.3	0
88	Changes in Evoked Potentials in a Hybrid Surgery of Spinal Arteriovenous Malformations Associated with Nerve Root AVF. <i>Neurology India</i> , 2019, 67, 1156.	0.2	0
89	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.	0.3	0
90	Wrap-Clipping for Patients with Ruptured Blood Blister—Like Aneurysms of the Internal Carotid Artery: Case Series and Literature Review. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, , .	0.4	0

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91	Transvenous Onyx embolization for dural arteriovenous fistula with concomitant transvenous balloon protection of the venous sinus. <i>Journal of Neurosurgical Sciences</i> , 2024, 68, .	0.3	0
92	Clinical features and outcomes of perimedullary arteriovenous fistulas: comparison between micro- and macro-type lesions. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 821-827.	2.0	0