Xuan Sun

List of Publications by Year
in descending order

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72	1,390	393982	414034
papers	citations	19 h-index	32 g-index

74	74	74	1803
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosomes and Their Therapeutic Potentials of Stem Cells. Stem Cells International, 2016, 2016, 1-11.	1.2	155
2	Exosomes derived from microRNA-138-5p-overexpressing bone marrow-derived mesenchymal stem cells confer neuroprotection to astrocytes following ischemic stroke via inhibition of LCN2. Journal of Biological Engineering, 2019, 13, 71.	2.0	119
3	Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China. Stroke, 2021, 52, 1203-1212.	1.0	71
4	Combined Use of Mechanical Thrombectomy with Angioplasty and Stenting for Acute Basilar Occlusions with Underlying Severe Intracranial Vertebrobasilar Stenosis: Preliminary Experience from a Single Chinese Center. American Journal of Neuroradiology, 2015, 36, 1947-1952.	1.2	67
5	Factors Associated with 90-Day Outcomes of Patients with Acute Posterior Circulation Stroke Treated By Mechanical Thrombectomy. World Neurosurgery, 2018, 109, e318-e328.	0.7	59
6	Silencing of Long Noncoding RNA Nespas Aggravates Microglial Cell Death and Neuroinflammation in Ischemic Stroke. Stroke, 2019, 50, 1850-1858.	1.0	56
7	miRâ€‘132 improves the cognitive function of rats with Alzheimer's disease by inhibiting the MAPK1 signal pathway. Experimental and Therapeutic Medicine, 2020, 20, 159.	0.8	50
8	Silencing of Long Non-coding RNA GAS5 Suppresses Neuron Cell Apoptosis and Nerve Injury in Ischemic Stroke Through Inhibiting DNMT3B-Dependent MAP4K4 Methylation. Translational Stroke Research, 2020, 11, 950-966.	2.3	43
9	Thrombectomy Versus Combined Thrombolysis and Thrombectomy in Patients With Acute Stroke. Stroke, 2021, 52, 1589-1600.	1.0	39
10	Comparison of Drug-Eluting Stent With Bare-Metal Stent in Patients With Symptomatic High-grade Intracranial Atherosclerotic Stenosis. JAMA Neurology, 2022, 79, 176.	4.5	37
11	Fractional Flow Assessment for the Evaluation of Intracranial Atherosclerosis: A Feasibility Study. Interventional Neurology, 2016, 5, 65-75.	1.8	31
12	Endovascular Mechanical Thrombectomy with the Solitaire Device for the Treatment of Acute Basilar Artery Occlusion. World Neurosurgery, 2016, 89, 301-308.	0.7	30
13	Association of PON1, P2Y12 and COX1 with Recurrent Ischemic Events in Patients with Extracranial or Intracranial Stenting. PLoS ONE, 2016, 11, e0148891.	1.1	29
14	Overexpression of miRâ€224â€3p alleviates apoptosis from cerebral ischemia reperfusion injury by targeting FIP200. Journal of Cellular Biochemistry, 2019, 120, 17151-17158.	1.2	27
15	Endovascular treatment for acute basilar artery occlusion: a single center retrospective observational study. BMC Neurology, 2019, 19, 315.	0.8	25
16	Characteristic and prognosis of acute large vessel occlusion in anterior and posterior circulation after endovascular treatment: the ANGEL registry real world experience. Journal of Thrombosis and Thrombolysis, 2020, 49, 527-532.	1.0	25
17	Utility assessment among patients of primary angle closure/glaucoma in China: a preliminary study. British Journal of Ophthalmology, 2009, 93, 871-874.	2.1	23
18	Association of thrombelastographic parameters with post-stenting ischemic events. Journal of NeuroInterventional Surgery, 2017, 9, 192-195.	2.0	22

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19	Effect of Hyperglycemia at Presentation on Outcomes in Acute Large Artery Occlusion Patients Treated With Solitaire Stent Thrombectomy. Frontiers in Neurology, 2019, 10, 71.	1.1	22
20	A novel differentiation pathway from CD4+ T cells to CD4â^' T cells for maintaining immune system homeostasis. Cell Death and Disease, 2016, 7, e2193-e2193.	2.7	21
21	The long term results of vertebral artery ostium stenting in a single center: TableÂ1. Journal of NeuroInterventional Surgery, 2015, 7, 888-891.	2.0	18
22	Risk Factors of Subacute Thrombosis After Intracranial Stenting for Symptomatic Intracranial Arterial Stenosis. Stroke, 2017, 48, 784-786.	1.0	18
23	Safety and Efficacy of Low-Dose Tirofiban Combined With Intravenous Thrombolysis and Mechanical Thrombectomy in Acute Ischemic Stroke: A Matched-Control Analysis From a Nationwide Registry. Frontiers in Neurology, 2021, 12, 666919.	1.1	18
24	Intracranial Stenting as Rescue Therapy After Failure of Mechanical Thrombectomy for Basilar Artery Occlusion: Data From the ANGEL-ACT Registry. Frontiers in Neurology, 2021, 12, 739213.	1.1	18
25	Selective use of transradial access for endovascular treatment of severe intracranial vertebrobasilar artery stenosis. Clinical Neurology and Neurosurgery, 2015, 134, 116-121.	0.6	17
26	Staged carotid artery angioplasty and stenting for patients with high-grade carotid stenosis with high risk of developing hyperperfusion injury: a retrospective analysis of 44 cases. Stroke and Vascular Neurology, 2016, 1, 147-153.	1.5	17
27	Association of Perforator Stroke After Basilar Artery Stenting With Negative Remodeling. Stroke, 2019, 50, 745-749.	1.0	17
28	Tyrosol attenuates pro-inflammatory cytokines from cultured astrocytes and NF-Î²B activation in in vitro oxygen glucose deprivation. Neurochemistry International, 2018, 121, 140-145.	1.9	16
29	Endovascular Recanalization for Nonacute Intracranial Vertebral Artery Occlusion According to a New Classification. Stroke, 2020, 51, 3340-3343.	1.0	16
30	Combined Approach to Eptifibatide and Thrombectomy in Acute Ischemic Stroke Because of Large Vessel Occlusion: A Matched-Control Analysis. Stroke, 2022, 53, 1580-1588.	1.0	16
31	Endovascular revascularisation of acute tandem vertebrobasilar artery occlusion: seven case series with literature reviews. Stroke and Vascular Neurology, 2018, 3, 17-21.	1.5	15
32	Endovascular Recanalization of Symptomatic Nonacute Intracranial Internal Carotid Artery Occlusion: Proposal of a New Angiographic Classification. American Journal of Neuroradiology, 2021, 42, 299-305.	1.2	15
33	Fluoxetine enhanced neurogenesis is not translated to functional outcome in stroke rats. Neuroscience Letters, 2015, 603, 31-36.	1.0	14
34	Endovascular recanalization for symptomatic non-acute middle cerebral artery occlusion: proposal of a new angiographic classification. Journal of NeuroInterventional Surgery, 2020, 13, neurintsurg-2020-016692.	2.0	14
35	Effect of anesthesia strategy during endovascular therapy on 90-day outcomes in acute basilar artery occlusion: a retrospective observational study. BMC Neurology, 2020, 20, 398.	0.8	13
36	Safety and Efficacy of Direct Angioplasty in Acute Basilar Artery Occlusion Due to Atherosclerosis. Frontiers in Neurology, 2021, 12, 651653.	1.1	13

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37	Bumetanide promotes neural precursor cell regeneration and dendritic development in the hippocampal dentate gyrus in the chronic stage of cerebral ischemia. Neural Regeneration Research, 2016, 11, 745.	1.6	12
38	A new in vivo confocal microscopy prognostic factor in Acanthamoeba keratitis. Journal Francais D'Ophtalmologie, 2014, 37, 130-137.	0.2	11
39	Effects of Periprocedural Tirofiban vs. Oral Antiplatelet Drug Therapy on Posterior Circulation Infarction in Patients With Acute Intracranial Atherosclerosis-Related Vertebrobasilar Artery Occlusion. Frontiers in Neurology, 2020, 11, 254.	1.1	10
40	A Pre-Intervention 4-Item Scale for Predicting Poor Outcome Despite Successful Recanalization in Basilar Artery Occlusion. Translational Stroke Research, 2020, 11, 1306-1313.	2.3	10
41	Dual-roadmap guidance for endovascular recanalization of medically refractory non-acute intracranial arterial occlusions: consecutive multicenter series and technical review. Journal of NeuroInterventional Surgery, 2021, 13, 889-893.	2.0	9
42	Novel Diffusion-Weighted Imaging Score Showed Good Prognostic Value for Acute Basilar Artery Occlusion Following Endovascular Treatment: The Pons-Midbrain and Thalamus Score. Stroke, 2021, 52, 3989-3997.	1.0	9
43	Unexplained early neurological deterioration after endovascular treatment for acute large vessel occlusion: incidence, predictors, and clinical impact: Data from ANGEL-ACT registry. Journal of NeuroInterventional Surgery, 2022, 14, 875-880.	2.0	9
44	Early Diffusion-Weighted Imaging Brain Stem Score for Acute Basilar Artery Occlusion Treated with Mechanical Thrombectomy. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2822-2828.	0.7	8
45	Analysis of Treatment Outcome After Endovascular Treatment in Different Pathological Subtypes of Basilar Artery Occlusion: a Single Center Experience. Translational Stroke Research, 2021, 12, 230-238.	2.3	8
46	Performance of computed tomography angiography to determine anterograde and collateral blood flow status in patients with symptomatic middle cerebral artery stenosis. Interventional Neuroradiology, 2017, 23, 267-273.	0.7	7
47	Association Between Cerebral Hypoperfusion and Cognitive Impairment in Patients With Chronic Vertebra-Basilar Stenosis. Frontiers in Psychiatry, 2018, 9, 455.	1.3	7
48	Intracranial Atherosclerotic Disease-Related Acute Middle Cerebral Artery Occlusion Can Be Predicted by Diffusion-Weighted Imaging. Frontiers in Neuroscience, 2019, 13, 903.	1.4	7
49	Association of Cardioembolism and Intracranial Arterial Stenosis with Outcomes of Mechanical Thrombectomy in Acute Ischemic Stroke. World Neurosurgery, 2019, 121, e154-e158.	0.7	6
50	Early Neurological Deterioration Despite Recanalization in Basilar Artery Occlusion Treated by Endovascular Therapy. Frontiers in Neurology, 2020, 11, 592003.	1.1	6
51	SOX9 Knockdown-Mediated FOXO3 Downregulation Confers Neuroprotection Against Ischemic Brain Injury. Frontiers in Cell and Developmental Biology, 2021, 8, 555175.	1.8	6
52	Endovascular recanalization for non-acute basilar artery occlusions with progressive or recurrent ischemic symptoms: a multicenter clinical experience. Journal of NeuroInterventional Surgery, 2022, 14, 133-137.	2.0	6
53	Predictors of parenchymal hemorrhage after endovascular treatment in acute ischemic stroke: data from ANGEL-ACT Registry. Journal of NeuroInterventional Surgery, 2022, , neurintsurg-2021-018292.	2.0	6
54	Visual field impairment predicts recurrent stroke after acute posterior circulation stroke and transient ischemic attack. CNS Neuroscience and Therapeutics, 2018, 24, 154-161.	1.9	5

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55	Association of Stroke Subtype With Hemorrhagic Transformation Mediated by Thrombectomy Pass: Data From the ANGEL-ACT Registry. Stroke, 2022, 53, 1984-1992.	1.0	5
56	A New Angiographic Collateral Grading System for Acute Basilar Artery Occlusion Treated with Endovascular Therapy. Translational Stroke Research, 2020, 12, 559-568.	2.3	4
57	Factors influencing early neurological improvement after mechanical thrombectomy among patients with acute basilar artery occlusion: a single center prospective observational cohort study. Journal of Thrombosis and Thrombolysis, 2021, 51, 180-186.	1.0	4
58	A comparison between acute large vessel occlusion in the posterior circulation and anterior circulation after endovascular treatment: the ANGEL-ACT registry experience. Stroke and Vascular Neurology, 2022, 7, 285-293.	1.5	4
59	A rare case report of a mixed persistent proatlantal intersegmental artery. Journal of Clinical Neuroscience, 2019, 61, 272-274.	0.8	2
60	Current status of aspiration thrombectomy for acute stroke patients in China: data from ANGEL-ACT Registry. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110077.	1.5	2
61	Impact of the Perioperative Blood Pressure on Clinical Outcome after Thrombectomy in Acute Basilar Artery Occlusion. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105590.	0.7	2
62	Thirty-Day and One-Year Outcomes of Endovascular Treatments for Severe Atherosclerotic Stenosis of Intracranial ICA: Results From a Single Center. Frontiers in Neurology, 2021, 12, 668868.	1.1	2
63	Influence of coronavirus disease 2019 (COVID-19) on working flow, safety and efficacy outcome of mechanical thrombectomy for acute ischemic stroke with large vessel occlusion. Interventional Neuroradiology, 2021, , 159101992110180.	0.7	2
64	Non-contrast head CT alone for thrombectomy in acute ischemic stroke: analysis of the ANGEL-ACT registry. Journal of NeuroInterventional Surgery, 2022, 14, 868-874.	2.0	2
65	Safety of Low-Dose Aspirin in Endovascular Treatment for Intracranial Atherosclerotic Stenosis. PLoS ONE, 2014, 9, e105252.	1.1	2
66	Safety and Efficacy of Rapamycin-Eluting Vertebral Stents in Patients With Symptomatic Extracranial Vertebral Artery Stenosis. Frontiers in Neurology, 2021, 12, 649426.	1.1	2
67	Association of occlusion time with successful endovascular recanalization in patients with symptomatic chronic intracranial total occlusion. Journal of Neurosurgery, 2022, 137, 1095-1104.	0.9	2
68	Early blood pressure management for endovascular therapy in acute ischemic stroke: A review of the literature. Interventional Neuroradiology, 2020, 26, 785-792.	0.7	1
69	Recurrent in-stent thrombosis following V4 segment of vertebral artery stenting: A case report. International Journal of Surgery Case Reports, 2021, 85, 106288.	0.2	1
70	Medical and Endovascular Treatments for Intracranial Atherosclerotic Stenosis: A Network Meta-Analysis. Translational Stroke Research, 2023, 14, 83-93.	2.3	1
71	Implantable Sufficiently Integrated Multimodal Flexible Sensor for Intracranial Monitoring. , 2021, , .		1
72	P-001â€...Non-contrast CT alone versus combined CT plus CTA or MRA selection for thrombectomy in acute ischemic stroke: analysis of the angel-act registry. , 2021, , .		0