

Wen Sun

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,220
citations

279798

23
h-index

265206

42
g-index

82
all docs

82
docs citations

82
times ranked

2849
citing authors

#	ARTICLE	IF	CITATIONS
1	Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BEST): an open-label, randomised controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 115-122.	10.2	383
2	TREM-1 Exacerbates Neuroinflammatory Injury via NLRP3 Inflammasome-Mediated Pyroptosis in Experimental Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 643-659.	4.2	129
3	The advances of post-stroke depression: 2021 update. <i>Journal of Neurology</i> , 2022, 269, 1236-1249.	3.6	101
4	Dynamic change of neutrophil to lymphocyte ratio and hemorrhagic transformation after thrombolysis in stroke. <i>Journal of Neuroinflammation</i> , 2016, 13, 199.	7.2	98
5	Overexpression of Sirt1 in mesenchymal stem cells protects against bone loss in mice by FOXO3a deacetylation and oxidative stress inhibition. <i>Metabolism: Clinical and Experimental</i> , 2018, 88, 61-71.	3.4	85
6	NLRP3 regulates alveolar bone loss in ligature-induced periodontitis by promoting osteoclastic differentiation. <i>Cell Proliferation</i> , 2021, 54, e12973.	5.3	75
7	Targeting Notch-Activated M1 Macrophages Attenuates Joint Tissue Damage in a Mouse Model of Inflammatory Arthritis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1469-1480.	2.8	69
8	Chronic Kidney Disease in Patients With Lacunar Stroke. <i>Stroke</i> , 2015, 46, 2081-2086.	2.0	65
9	Sirt1 Promotes Osteogenic Differentiation and Increases Alveolar Bone Mass via Bmi1 Activation in Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1169-1181.	2.8	60
10	TAK1 mediates neuronal pyroptosis in early brain injury after subarachnoid hemorrhage. <i>Journal of Neuroinflammation</i> , 2021, 18, 188.	7.2	56
11	mtDNA-STING Axis Mediates Microglial Polarization via IRF3/NF- κ B Signaling After Ischemic Stroke. <i>Frontiers in Immunology</i> , 2022, 13, 860977.	4.8	52
12	Impacts and interactions of PDGFRB, MMP-3, TIMP-2, and RNF213 polymorphisms on the risk of Moyamoya disease in Han Chinese human subjects. <i>Gene</i> , 2013, 526, 437-442.	2.2	48
13	Distal Hyperintense Vessels on Flair: A Prognostic Indicator of Acute Ischemic Stroke. <i>European Neurology</i> , 2012, 68, 214-220.	1.4	44
14	Association between malnutrition and long-term mortality in older adults with ischemic stroke. <i>Clinical Nutrition</i> , 2021, 40, 2535-2542.	5.0	41
15	Polycystin-1 Mediates Mechanical Strain-Induced Osteoblastic Mechanoresponses via Potentiation of Intracellular Calcium and Akt/ β -Catenin Pathway. <i>PLoS ONE</i> , 2014, 9, e91730.	2.5	40
16	Fluid-Attenuated Inversion Recovery Vascular Hyperintensity Topography, Novel Imaging Marker for Revascularization in Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2016, 47, 2763-2769.	2.0	40
17	Endovascular treatment for acute basilar artery occlusion: A multicenter randomized controlled trial (ATTENTION). <i>International Journal of Stroke</i> , 2022, 17, 815-819.	5.9	40
18	Alterations in phosphorus, calcium and PTHrP contribute to defects in dental and dental alveolar bone formation in calcium-sensing receptor-deficient mice. <i>Development (Cambridge)</i> , 2010, 137, 985-992.	2.5	37

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19	Asymptomatic Cerebral Microbleeds in Adult Patients with Moyamoya Disease: A Prospective Cohort Study with 2 Years of Follow-Up. <i>Cerebrovascular Diseases</i> , 2013, 35, 469-475.	1.7	37
20	Depressed TSH level as a predictor of poststroke fatigue in patients with acute ischemic stroke. <i>Neurology</i> , 2018, 91, e1971-e1978.	1.1	35
21	Influence of procedure time on outcome and hemorrhagic transformation in stroke patients undergoing thrombectomy. <i>Journal of Neurology</i> , 2019, 266, 2560-2570.	3.6	27
22	Biglycan mediates suture expansion osteogenesis via potentiation of Wnt/ β -catenin signaling. <i>Journal of Biomechanics</i> , 2015, 48, 432-440.	2.1	26
23	Major depression and small vessel stroke: a Mendelian randomization analysis. <i>Journal of Neurology</i> , 2019, 266, 2859-2866.	3.6	26
24	Bmi1 Overexpression in Mesenchymal Stem Cells Exerts Antiaging and Antiosteoporosis Effects by Inactivating p16/p19 Signaling and Inhibiting Oxidative Stress. <i>Stem Cells</i> , 2019, 37, 1200-1211.	3.2	25
25	Microbleeds in ischemic stroke are associated with lower serum adiponectin and higher soluble E-selectin levels. <i>Journal of the Neurological Sciences</i> , 2013, 334, 83-87.	0.6	24
26	Impacts of COX-1 gene polymorphisms on vascular outcomes in patients with ischemic stroke and treated with aspirin. <i>Gene</i> , 2014, 546, 172-176.	2.2	23
27	Elevated mean platelet volume is associated with poor outcome after mechanical thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 25-28.	3.3	21
28	ROCK α /TAZ signaling axis regulates mechanical tension-induced osteogenic differentiation of rat cranial sagittal suture mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 5972-5984.	4.1	20
29	Osteocytes promote osteoclastogenesis via autophagy-mediated RANKL secretion under mechanical compressive force. <i>Archives of Biochemistry and Biophysics</i> , 2020, 694, 108594.	3.0	20
30	Prediction of favorable outcome by percent improvement in patients with acute ischemic stroke treated with endovascular stent thrombectomy. <i>Journal of Clinical Neuroscience</i> , 2017, 38, 100-105.	1.5	19
31	Risk factors associated with haemodynamic depression during and after carotid artery stenting. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1325-1328.	1.5	18
32	Association of heme oxygenase-1 gene rs2071746 polymorphism with vascular outcomes in patients with atherosclerotic stroke. <i>Journal of the Neurological Sciences</i> , 2014, 344, 154-157.	0.6	18
33	Macrophages mediate corticotomy-accelerated orthodontic tooth movement. <i>Scientific Reports</i> , 2018, 8, 16788.	3.3	18
34	Renal impairment on clinical outcomes following endovascular recanalization. <i>Neurology</i> , 2020, 94, e464-e473.	1.1	18
35	Risk Factors and Complications Associated with Difficult Retrieval of Embolic Protection Devices in Carotid Artery Stenting. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 43-48.	2.0	17
36	Recombinant Human Parathyroid Hormone Related Protein 1-34 and 1-84 and Their Roles in Osteoporosis Treatment. <i>PLoS ONE</i> , 2014, 9, e88237.	2.5	17

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37	Learning curve for intracranial angioplasty and stenting in single center. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, E94-100.	1.7	17
38	<p>Causal Effects of Sleep Traits on Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 783-790.	2.7	17
39	Acute Diffusion-Weighted Imaging Lesion Patterns Predict Progressive Small Subcortical Infarct in the Perforator Territory of the Middle Cerebral Artery. <i>International Journal of Stroke</i> , 2015, 10, 207-212.	5.9	16
40	Management of acute tandem occlusions: Stent-retriever thrombectomy with emergency stenting or angioplasty. <i>Journal of International Medical Research</i> , 2018, 46, 2578-2586.	1.0	16
41	Blood pressure variability and outcomes after mechanical thrombectomy based on the recanalization and collateral status. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642199738.	3.5	15
42	Correlation between cerebral microbleeds and S100B/RAGE in acute lacunar stroke patients. <i>Journal of the Neurological Sciences</i> , 2014, 340, 208-212.	0.6	14
43	PTHrP Nuclear Localization and Carboxyl Terminus Sequences Modulate Dental and Mandibular Development in Part via the Action of p27. <i>Endocrinology</i> , 2016, 2016, 72-84.	2.8	14
44	Influence of renal impairment on clinical outcomes after endovascular recanalization in vertebrobasilar artery occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1077-1083.	3.3	14
45	Effect of <scp>VEGFC</scp> on lymph flow and inflammation–induced alveolar bone loss. <i>Journal of Pathology</i> , 2020, 251, 323-335.	4.5	13
46	Correlation study between small vessel disease and early neurological deterioration in patients with mild/moderate acute ischemic stroke. <i>International Journal of Neuroscience</i> , 2017, 127, 579-585.	1.6	12
47	Genetic correlations and causal inferences in ischemic stroke. <i>Journal of Neurology</i> , 2020, 267, 1980-1990.	3.6	12
48	Lower Serum Caveolin-1 Is Associated with Cerebral Microbleeds in Patients with Acute Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	4.0	11
49	Hypertension unawareness among Chinese patients with first-ever stroke. <i>BMC Public Health</i> , 2016, 16, 170.	2.9	11
50	Improvement of Outcomes in Patients with Lupus Nephritis: Management Evolution in Chinese Patients from 1994 to 2010. <i>Journal of Rheumatology</i> , 2019, 46, 912-919.	2.0	11
51	From clinical to tissue-based dual TIA. <i>Neurology</i> , 2015, 84, 1426-1432.	1.1	10
52	Early Magnetic Resonance Imaging Predicts Early Neurological Deterioration in Acute Middle Cerebral Artery Minor Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 469-474.	1.6	10
53	Genetic association study identifies a functional CNV in the WWOX gene contributes to the risk of intracranial aneurysms. <i>Oncotarget</i> , 2016, 7, 16104-16111.	1.8	9
54	Use of Hes1 -GFP reporter mice to assess activity of the Hes1 promoter in bone cells under chronic inflammation. <i>Bone</i> , 2016, 90, 80-89.	2.9	9

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55	Fine-Mapping of ABO Gene Identifies Two Novel SNPs Associated with Large Artery Atherosclerotic Stroke in a Chinese Han Population. <i>Molecular Neurobiology</i> , 2017, 54, 2107-2113.	4.0	9
56	Obesity and Poststroke Fatigue: A 2-Year Longitudinal Study. <i>Neurology and Therapy</i> , 2021, 10, 955-969.	3.2	9
57	Association of Lesion Location and Fatigue Symptoms After Ischemic Stroke: A VLSM Study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	9
58	Safety and efficacy of simultaneous bilateral carotid angioplasty and stenting. <i>Journal of Thrombosis and Thrombolysis</i> , 2014, 37, 202-209.	2.1	8
59	Three-dimensional Tooth Models with Pulp Cavity Enhance Dental Anatomy Education. <i>Anatomical Sciences Education</i> , 2022, 15, 566-575.	3.7	8
60	Presence of anterior temporal artery associates with good outcome in acute atherosclerotic M1-middle cerebral artery occlusion. <i>Neuroradiology</i> , 2014, 56, 1023-1030.	2.2	7
61	Association between PTGS1 polymorphisms and functional outcomes in Chinese patients with stroke during aspirin therapy: Interaction with smoking. <i>Journal of the Neurological Sciences</i> , 2017, 376, 211-215.	0.6	7
62	Thyroid Function Affects the Risk of Post-stroke Depression in Patients With Acute Lacunar Stroke. <i>Frontiers in Neurology</i> , 2022, 13, 792843.	2.4	7
63	Fucoidan inhibits tooth movement by promoting restorative macrophage polarization through the STAT3 pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 5938-5950.	4.1	6
64	The Impacts of Peptic Ulcer on Functional Outcomes of Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 311-316.	1.6	5
65	Learning Curve for Endovascular Treatment of Anterior Circulation Large Vessel Occlusion at a Single Center. <i>Frontiers in Neurology</i> , 2020, 11, 587409.	2.4	5
66	CCR2+ Macrophages Promote Orthodontic Tooth Movement and Alveolar Bone Remodeling. <i>Frontiers in Immunology</i> , 2022, 13, 835986.	4.8	5
67	Initial symptoms of vertebrobasilar artery occlusions and the outcomes after endovascular treatment. <i>Journal of Neurology</i> , 2022, 269, 5561-5570.	3.6	5
68	Stressful life events can predict post-stroke fatigue in patients with ischemic stroke. <i>European Journal of Neurology</i> , 2021, 28, 3080-3088.	3.3	4
69	A Sonic Hedgehog-Gli-Bmi1 signaling pathway plays a critical role in p27 deficiency induced bone anabolism. <i>International Journal of Biological Sciences</i> , 2022, 18, 956-969.	6.4	4
70	Specific overexpression of SIRT1 in mesenchymal stem cells rescues hematopoiesis niche in BMI1 knockout mice through promoting CXCL12 expression. <i>International Journal of Biological Sciences</i> , 2022, 18, 2091-2103.	6.4	4
71	Correlation between ABCD, ABCD2 Scores and Craniocervical Artery Stenosis in Patients with Transient Ischemic Attack. <i>European Neurology</i> , 2013, 70, 333-339.	1.4	3
72	Reduced endothelial progenitor cells in extracranial arterial stenosis but not intracranial arterial stenosis. <i>Journal of Vascular Surgery</i> , 2015, 62, 1539-1545.	1.1	3

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73	Delayed neurological improvement is predictive to long-term clinical outcome on endovascular thrombectomy patients. <i>Interventional Neuroradiology</i> , 2022, 28, 404-410.	1.1	3
74	Anterior Borderzone Angle for Hemodynamic Collateral Metric in Patients with Symptomatic Middle Cerebral Artery Stenosis. <i>European Neurology</i> , 2018, 79, 45-53.	1.4	2
75	Argatroban for Preventing Occlusion and Restenosis after Extracranial Artery Stenting. <i>European Neurology</i> , 2014, 71, 319-325.	1.4	1
76	Letter by Dai et al Regarding Article, "Targeting Recombinant Tissue-Type Plasminogen Activator in Acute Ischemic Stroke Based on Risk of Intracranial Hemorrhage or Poor Functional Outcome: An Analysis of the Third International Stroke Trial" Stroke, 2014, 45, e132.	2.0	1
77	Lack of improvement following endovascular therapy in patients with acute ischemic stroke. <i>International Journal of Neuroscience</i> , 2017, 127, 176-182.	1.6	1
78	Effect of the Early Administration of Selective Serotonin Reuptake Inhibitors on the Time Course of Poststroke Fatigue: A 2-Year Longitudinal Study. <i>Frontiers in Neurology</i> , 2021, 12, 748473.	2.4	1
79	Reply to the Comments by Prof. Yomoyuki Kawada. <i>Cerebrovascular Diseases</i> , 2013, 36, 327-327.	1.7	0
80	Relations of Serum Soluble E-selectin and Adiponectin with Enlarged Perivascular Spaces in Patients with Recent Lacunar Infarction. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 382-384.	3.9	0
81	Letter by Dai et al Regarding Article, "Time and Diffusion Lesion Size in Major Anterior Circulation Ischemic Strokes" Stroke, 2014, 45, e305.	2.0	0