

Mehdi Abbasi

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

649
citations

623734

14
h-index

713466

21
g-index

57
all docs

57
docs citations

57
times ranked

609
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic review and meta-analysis of current rates of first pass effect by thrombectomy technique and associations with clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 212-216.	3.3	47
2	Association between clot composition and stroke origin in mechanical thrombectomy patients: analysis of the Stroke Thromboembolism Registry of Imaging and Pathology. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 594-598.	3.3	43
3	MicroRNAs signatures, bioinformatics analysis of miRNAs, miRNA mimics and antagonists, and miRNA therapeutics in osteosarcoma. <i>Cancer Cell International</i> , 2020, 20, 254.	4.1	38
4	A novel project portfolio selection framework towards organizational resilience: Robust Ordinal Priority Approach. <i>Expert Systems With Applications</i> , 2022, 188, 116067.	7.6	37
5	A novel method for solving linear programming with grey parameters. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 161-172.	1.4	30
6	Evaluating the Performance of the Suppliers Using Hybrid DEA-OPA Model: A Sustainable Development Perspective. <i>Group Decision and Negotiation</i> , 2022, 31, 335-362.	3.3	27
7	A Modular SiC-Based Step-Up Converter With Soft-Switching-Assisted Networks and Internally Coupled High-Voltage-Gain Modules for Wind Energy System With a Medium-Voltage DC-Grid. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019, 7, 798-810.	5.4	26
8	A novel model for risk management of outsourced construction projects using decision-making methods: a case study. <i>Grey Systems Theory and Application</i> , 2020, 10, 97-123.	2.1	20
9	Vagus nerve stimulation in drug-resistant epilepsy: the efficacy and adverse effects in a 5-year follow-up study in Iran. <i>Neurological Sciences</i> , 2016, 37, 1773-1778.	1.9	18
10	Epilepsy and vitamin D: a comprehensive review of current knowledge. <i>Reviews in the Neurosciences</i> , 2017, 28, 185-201.	2.9	18
11	e-ASPECTS software improves interobserver agreement and accuracy of interpretation of aspects score. <i>Interventional Neuroradiology</i> , 2021, 27, 781-787.	1.1	18
12	Histological evaluation of acute ischemic stroke thrombi may indicate the occurrence of vessel wall injury during mechanical thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 356-361.	3.3	18
13	Characterizing blood clots using acoustic radiation force optical coherence elastography and ultrasound shear wave elastography. <i>Physics in Medicine and Biology</i> , 2021, 66, 035013.	3.0	18
14	Preclinical testing platforms for mechanical thrombectomy in stroke: a review on phantoms, in-vivo animal, and cadaveric models. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 816-822.	3.3	17
15	Diverse thrombus composition in thrombectomy stroke patients with longer time to recanalization. <i>Thrombosis Research</i> , 2022, 209, 99-104.	1.7	17
16	Baloâ€™s concentric sclerosis: an update and comprehensive literature review. <i>Reviews in the Neurosciences</i> , 2018, 29, 873-882.	2.9	16
17	Novel Human Acute Ischemic Stroke Blood Clot Analogs for In Vitro Thrombectomy Testing. <i>American Journal of Neuroradiology</i> , 2021, 42, 1250-1257.	2.4	16
18	Mechanisms of fibrinolysis resistance and potential targets for thrombolysis in acute ischaemic stroke: lessons from retrieved stroke emboli. <i>Stroke and Vascular Neurology</i> , 2021, 6, 658-667.	3.3	16

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19	High-resolution scanning electron microscopy for the analysis of three-dimensional ultrastructure of clots in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 906-911.	3.3	15
20	Characterization of thrombus composition with multimodality CT-based imaging: an in-vitro study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 738-740.	3.3	12
21	A Bridgeless AC/DC High Voltage Gain Converter With Three-Phase Modular Series-Output Connected Configuration for MVDC Grid Applications. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 10323-10337.	7.9	12
22	Quantification of clot spatial heterogeneity and its impact on thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1248-1252.	3.3	11
23	Health-related quality of life in patients with relapsing-remitting multiple sclerosis treated with subcutaneous interferon β -1a in Iran. <i>International Journal of Neuroscience</i> , 2017, 127, 501-507.	1.6	10
24	A Constant-Frequency High-Voltage Gain Resonant Converter Module With Semiactive Phase-Shifted Voltage Multiplier for MVdc Distribution. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2022, 10, 3603-3616.	5.4	10
25	Iatrogenic Foreign Materials Associated with Retrieved Clot Tissue via Mechanical Thrombectomy. <i>American Journal of Neuroradiology</i> , 2021, 42, 1239-1249.	2.4	10
26	Arterial Collapse during Thrombectomy for Stroke: Clinical Evidence and Experimental Findings in Human Brains and In Vivo Models. <i>American Journal of Neuroradiology</i> , 2022, 43, 251-257.	2.4	10
27	An SiC-Driven Modular Step-Up Converter With Soft-Switched Module Having 1:1 Turns Ratio Multiphase Transformer for Wind Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 7055-7066.	7.9	9
28	Per pass analysis of thrombus composition retrieved by mechanical thrombectomy. <i>Interventional Neuroradiology</i> , 2021, 27, 815-820.	1.1	9
29	The effect of using low fines content sand on the fresh and hardened properties of roller-compacted concrete pavement. <i>Case Studies in Construction Materials</i> , 2019, 11, e00230.	1.7	8
30	Traumatic right hemi-diaphragmatic injury: delayed diagnosis. <i>Surgical Case Reports</i> , 2019, 5, 92.	0.6	7
31	Per-pass analysis of recanalization and good neurological outcome in thrombectomy for stroke: Systematic review and meta-analysis. <i>Interventional Neuroradiology</i> , 2022, 28, 358-363.	1.1	7
32	A Step-Up Reconfigurable Multimode LLC Converter Module With Extended High-Efficiency Range for Wide Voltage Gain Application in Medium Voltage DC Grid Systems. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 8118-8132.	7.9	7
33	Efficacy and Safety of MLC601 in the Treatment of Mild Cognitive Impairment: A Pilot, Randomized, Double-Blind, Placebo-Controlled Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 7, 136-142.	1.3	6
34	A randomized double-blind trial of comparative efficacy and safety of Avonex and CinnoVex for treatment of relapsing-remitting multiple sclerosis. <i>Neurological Sciences</i> , 2018, 39, 2107-2113.	1.9	6
35	Characterizing thrombus with multiple red blood cell compositions by optical coherence tomography attenuation coefficient. <i>Journal of Biophotonics</i> , 2021, 14, e202000364.	2.3	5
36	A 499% Hybrid Resonant/Coupled ZCS-Voltage-Quadruplers MV SiC Converter Module for DC Grid in Wind Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 1231-1240.	7.9	5

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37	Assessment of Blood Clot Composition by Spectral Optical Coherence Tomography: An In Vitro Study. <i>Neurointervention</i> , 2021, 16, 29-33.	0.8	5
38	Correlation of Neutrophil to Lymphocyte Ratio with Expression of Neutrophil Extracellular Traps Within Stroke Emboli. <i>Interventional Neuroradiology</i> , 2022, 28, 726-730.	1.1	5
39	Postprocedural Thrombosis following Endovascular Treatment of Intracranial Aneurysm with Flow Diverters or Coiling: A Histologic Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 258-264.	2.4	5
40	Endoluminal flow diverters in the treatment of sidewall and bifurcation aneurysm: A systematic review and meta-analysis of complications and angiographic outcomes. <i>Interventional Neuroradiology</i> , 2022, 28, 229-239.	1.1	4
41	Histological composition of retrieved emboli in acute ischemic stroke is independent of pre-thrombectomy alteplase use. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106376.	1.6	4
42	MLC601 in vascular dementia: an efficacy and safety pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 2551-2557.	2.2	3
43	Efficacy and Safety of MLC601 in Patients with Mild to Moderate Alzheimer Disease: An Extension 4-Year Follow-Up Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2018, 8, 174-179.	1.3	3
44	In Vitro Study of Blood Clot Identification and Composition Assessment by Different Magnetic Resonance Sequences. <i>Cureus</i> , 2021, 13, e16229.	0.5	3
45	Human "live cadaver" neurovascular model for proximal and distal mechanical thrombectomy in stroke. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 465-472.	3.3	3
46	Intra-procedural cerebral sinus thrombosis during endovascular treatment of idiopathic intracranial hypertension. <i>Neuroradiology Journal</i> , 2022, , 197140092210968.	1.2	3
47	Correlation of von Willebrand factor and platelets with acute ischemic stroke etiology and revascularization outcome: an immunohistochemical study. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 488-494.	3.3	3
48	Intracranial hypertension as an initial clinical manifestation of Systemic Lupus Erythematosus. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 129-130.	0.3	2
49	Application of variable neighborhood search for solving large-scale many to many hub location routing problems. <i>Journal of Advances in Management Research</i> , 2019, 16, 683-697.	3.0	2
50	Factors Affecting Vagus Nerve Stimulation Outcomes in Epilepsy. <i>Neurology Research International</i> , 2021, 2021, 1-12.	1.3	2
51	Association of antithrombotic medications and composition of thrombi retrieved by mechanical thrombectomy in acute ischemic stroke. <i>Thrombosis Research</i> , 2021, 207, 99-101.	1.7	2
52	An in vitro model for Extracellular DNA Traps (ETs)-rich Human Thrombus Analogs. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 589-593.	3.3	1
53	Selecting appropriate operations strategy using project management concepts: an economic analysis approach. <i>International Journal of Business and Systems Research</i> , 2018, 12, 148.	0.3	0
54	The effect of cement content on drying shrinkage of roller compacted concrete pavement. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Plate Augmentation for Nonunion of Femoral Shaft Fractures. Shafa Orthopedic Journal, 2019, In Press, .	0.1	0
56	Finding Targets in Non-Radial FDH Models: A Hybrid Technique Based on STEM and Extended Ratio Based Approach. Applied Sciences (Switzerland), 2021, 11, 10626.	2.5	0