Behnam Rezai-Jahromi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Prediction of bleb formation in intracranial aneurysms using machine learning models based on aneurysm hemodynamics, geometry, location, and patient population. Journal of NeuroInterventional Surgery, 2022, 14, 1002-1007.	3.3	4
2	Anatomic Risk Factors for S1 Segment Superior Cerebellar Artery Aneurysm Rupture: A Radiologic Study on 81 Consecutive Patients. World Neurosurgery, 2022, 158, e344-e351.	1.3	0
3	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation. Cellular and Molecular Life Sciences, 2022, 79, 206.	5.4	12
4	Hemodynamics in aneurysm blebs with different wall characteristics. Journal of NeuroInterventional Surgery, 2021, 13, 642-646.	3.3	19
5	Impact of blood pressure changes in cerebral blood perfusion of patients with ischemic Moyamoya disease evaluated by SPECT. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1472-1480.	4.3	14
6	Blebs in intracranial aneurysms: prevalence and general characteristics. Journal of NeuroInterventional Surgery, 2021, 13, 226-230.	3.3	16
7	Clinical outcome after microsurgical resection of intraventricular trigone meningiomas: a single-centre analysis of 20 years and literature overview. Acta Neurochirurgica, 2021, 163, 677-687.	1.7	4
8	SARS-CoV-2 and Stroke Characteristics. Stroke, 2021, 52, e117-e130.	2.0	51
9	Cyclo-oxygenase 2, a putative mediator of vessel remodeling, is expressed in the brain AVM vessels and associates with inflammation. Acta Neurochirurgica, 2021, 163, 2503-2514.	1.7	3
10	Posttraumatic subarachnoid hemorrhage related to concomitant carotid artery dissection and ruptured basilar trunk aneurysm: A case report and literature review. , 2021, 12, 344.		2
11	Active Cerebrospinal Fluid Exchange System for Treatment of Pyogenic Ventriculitis. Neurosurgery Open, 2021, 2, .	0.2	3
12	Serum Amyloid A Is Present in Human Saccular Intracranial Aneurysm Walls and Associates With Aneurysm Rupture. Journal of Neuropathology and Experimental Neurology, 2021, 80, 966-974.	1.7	5
13	Risks and Benefits of Glioblastoma Resection in Older Adults: A Retrospective Austrian Multicenter Study. World Neurosurgery, 2020, 133, e583-e591.	1.3	8
14	Risk of stroke in hospitalized SARS-CoV-2 infected patients: A multinational study. EBioMedicine, 2020, 59, 102939.	6.1	82
15	Long-term survival outcomes of pineal region gliomas. Journal of Neuro-Oncology, 2020, 148, 651-658.	2.9	7
16	Midline and Paramedian Supracerebellar Infratentorial Approach to The Pineal Region: A Comparative Clinical Study in 112 Patients. World Neurosurgery, 2020, 137, e194-e207.	1.3	15
17	Microsurgical removal of a misplaced intraspinal venous stent in a patient with inferior vena cava atresia. Journal of Neurosurgery: Spine, 2020, 32, 763-767.	1.7	0
18	Are Fetal-Type Posterior Cerebral Arteries Associated With an Increased Risk of Posterior Communicating Artery Aneurysms?. Neurosurgery, 2019, 84, 1306-1312.	1.1	19

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19	Pineoblastomas: A long-term follow up study of three cases in Helsinki Neurosurgery. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 18, 100477.	0.3	4
20	Calcification in Human Intracranial Aneurysms Is Highly Prevalent and Displays Both Atherosclerotic and Nonatherosclerotic Types. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2157-2167.	2.4	24
21	Extent of Resection and Long-Term Survival of Pineal Region Tumors in Helsinki Neurosurgery. World Neurosurgery, 2019, 131, e379-e391.	1.3	25
22	Association of Intracranial Aneurysms With Aortic Aneurysms in 125 Patients With Fusiform and 4253 Patients With Saccular Intracranial Aneurysms and Their Family Members and Population Controls. Journal of the American Heart Association, 2019, 8, e013277.	3.7	23
23	Meditation music improved the quality of suturing in an experimental bypass procedure. Acta Neurochirurgica, 2019, 161, 1515-1521.	1.7	8
24	Mirror Distal Anterior Cerebral Artery Aneurysms in a Patient with Subarachnoid Hemorrhage. World Neurosurgery, 2019, 129, 101-104.	1.3	0
25	11 Mini-Pterional Craniotomy. , 2019, , 141-147.		0
26	TachoSil Dural Reconstruction in Extracranial-Intracranial Bypass Surgeries. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2019, 80, 039-043.	0.8	3
27	Pineal Parenchymal Tumors of Intermediate Differentiation: A long-Term Follow-Up Study in Helsinki Neurosurgery. World Neurosurgery, 2019, 122, e729-e739.	1.3	18
28	Surgery of Posterior Fossa AVM. , 2019, , 171-183.		0
29	The microsurgical management of benign pineal cysts: Helsinki experience in 60 cases. , 2019, 10, 103.		13
30	Pineocytomas: a long-term follow up study of four cases in Helsinki Neurosurgery. Journal of Case Reports in Medicine, 2019, 8, 5.	0.0	1
31	Riskier-than-expected occlusive treatment of ruptured posterior communicating artery aneurysms: treatment and outcome of 620 consecutive patients. Journal of Neurosurgery, 2019, 131, 1269-1277.	1.6	2
32	Praying Sitting Position for Pineal Region Surgery: An Efficient Variant of a Classic Position in Neurosurgery. World Neurosurgery, 2018, 113, e604-e611.	1.3	27
33	Virtual Reality Glasses and "Eye-Hands Blind Technique―for Microsurgical Training in Neurosurgery. World Neurosurgery, 2018, 112, 126-130.	1.3	30
34	Size of Ruptured Intracranial Aneurysms Is Decreasing. Stroke, 2018, 49, 746-749.	2.0	15
35	Somatic Activating <i>KRAS</i> Mutations in Arteriovenous Malformations of the Brain. New England Journal of Medicine, 2018, 378, 250-261.	27.0	330
36	Adenosine-induced cardiac arrest as an alternative to temporary clipping during intracranial aneurysm surgery. Journal of Neurosurgery, 2018, 129, 684-690.	1.6	19

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37	Surgical Outcome of Very Small Intracranial Aneurysms Utilizing the Double Clip Technique. World Neurosurgery, 2018, 110, e605-e611.	1.3	7
38	In Reply: Superficial Temporal Artery: Distal Posterior Cerebral Artery Bypass Through the Subtemporal Approach: Technical Note and Pilot Surgical Cases. Operative Neurosurgery, 2018, 15, 48-49.	0.8	0
39	Papillary Tumor of the Pineal Region in Children: Presentation of a Case and Comprehensive Literature Review. World Neurosurgery, 2018, 117, 144-152.	1.3	13
40	Role of Damage Associated Molecular Pattern Molecules (DAMPs) in Aneurysmal Subarachnoid Hemorrhage (aSAH). International Journal of Molecular Sciences, 2018, 19, 2035.	4.1	65
41	Venous air embolisms and sitting position in Helsinki pineal region surgery. , 2018, 9, 160.		14
42	Microneurosurgical Management of Posterior Communicating Artery Aneurysm: A Contemporary Series from Helsinki. World Neurosurgery, 2017, 101, 379-388.	1.3	12
43	"Dirty coagulation―technique as an alternative to microclips for control of bleeding from deep feeders during brain arteriovenous malformation surgery. Acta Neurochirurgica, 2017, 159, 855-859.	1.7	6
44	Natural History of Ruptured but Untreated Intracranial Aneurysms. Stroke, 2017, 48, 1081-1084.	2.0	47
45	Anatomic Features of Paraclinoid Aneurysms: Computed Tomography Angiography Study of 144 Aneurysms in 136 Consecutive Patients. Neurosurgery, 2017, 81, 949-957.	1.1	6
46	Size and location of ruptured intracranial aneurysms: consecutive series of 1993 hospital-admitted patients. Journal of Neurosurgery, 2017, 127, 748-753.	1.6	81
47	Superficial Temporal Artery: Distal Posterior Cerebral Artery Bypass through the Subtemporal Approach: Technical Note and Pilot Surgical Cases. Operative Neurosurgery, 2017, 13, 309-316.	0.8	16
48	Supracerebellar Infratentorial Paramedian Approach in Helsinki Neurosurgery: Cornerstones of a Safe and Effective Route to the Pineal Region. World Neurosurgery, 2017, 105, 534-542.	1.3	24
49	"Squeeze Maneuver―Assisted by Indocyanine Green Videoangiography: Simple Technique to "Resuscitate―Partially Occluded Bridging Veins During Microneurosurgical Operations. World Neurosurgery, 2017, 97, 225-230.	1.3	9
50	Imaging Classification and Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms. World Neurosurgery, 2017, 107, 1039.	1.3	0
51	Simple Lateral Suboccipital Approach and Modification for Vertebral Artery Aneurysms: A Study of 52 Cases Over 10 Years. World Neurosurgery, 2017, 108, 336-346.	1.3	8
52	CTA analysis and assessment of morphological factors related to rupture in 413 posterior communicating artery aneurysms. Acta Neurochirurgica, 2017, 159, 1643-1652.	1.7	26
53	Easy, Efficient, and Mobile Way to Train Microsurgical Skills During Busy Life of Neurosurgical Residency in Resource-Challenged Environment. World Neurosurgery, 2017, 107, 358-361.	1.3	21
54	Flow Conditions in the Intracranial Aneurysm Lumen Are Associated with Inflammation and Degenerative Changes of the Aneurysm Wall. American Journal of Neuroradiology, 2017, 38, 119-126.	2.4	127

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55	The open access video collection project "Hernesniemi's 1001 and more microsurgical videos of Neurosurgeryâ€: A legacy for educational purposes. , 2017, 8, 188.		17
56	Three distal anterior cerebral artery aneurysms in the same branch associated with five additional intracranial aneurysms. , 2017, 8, 62.		6
57	Surgical Clipping of Very Small Unruptured Intracranial Aneurysms. Neurosurgery, 2016, 78, 47-52.	1.1	41
58	Factors Determining Surgical Approaches to Basilar Bifurcation Aneurysms and Its Surgical Outcomes. Neurosurgery, 2016, 78, 181-191.	1.1	30
59	Posterior Cerebral Artery Aneurysms: Treatment and Outcome Analysis in 121 Patients. World Neurosurgery, 2016, 92, 521-532.	1.3	26
60	Intracerebral Hemorrhage as a Surgical Challenge—Where Should We Focus?. World Neurosurgery, 2016, 91, 638-639.	1.3	2
61	Long-Term Causes of Death and Excess Mortality After Carotid Artery Ligation. World Neurosurgery, 2016, 90, 116-122.	1.3	7
62	Commentary. Neurosurgery, 2016, 79, E514-E516.	1.1	2
63	Short-Burst Bipolar Coagulation for Repairing Partially Damaged Brain Arteries Preserving Their Flow: Technical Note. World Neurosurgery, 2016, 93, 324-329.	1.3	11
64	Presigmoid Approach to Vertebrobasilar Artery Aneurysms: A Series of 31 Patients and Review of the Literature. World Neurosurgery, 2016, 92, 313-322.	1.3	8
65	Direct Microsurgical Embolectomy for an Acute Distal Basilar Artery Occlusion. World Neurosurgery, 2016, 86, 497-502.	1.3	9
66	The orbitozygomatic stich: A technical modification of the lateral supraorbital approach. , 2016, 7, 46.		3
67	Total temporary occlusion of blood flow for several hours to treat a giant deep arteriovenous malformation: A series of multiple operations to save a young life. , 2016, 7, 79.		1
68	Contralateral Approach to Internal Carotid Artery Ophthalmic Segment Aneurysms. Neurosurgery, 2015, 77, 104-112.	1.1	22
69	Contralateral Approach to Bilateral Middle Cerebral Artery Aneurysms. Neurosurgery, 2015, 77, 916-926.	1.1	18
70	Should I Treat or Should I Not?. World Neurosurgery, 2015, 83, 1034-1035.	1.3	0
71	Double-Clip Technique for the Microneurosurgical Management of Very Small (<3 mm) Intracranial Aneurysms. Operative Neurosurgery, 2015, 11, 3-7.	0.8	8
72	Subtemporal Approach to Posterior Cerebral Artery Aneurysms. World Neurosurgery, 2015, 83, 842-851.	1.3	33

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73	Intracranial Vertebral Artery Aneurysms: Clinical Features and Outcome of 190 Patients. World Neurosurgery, 2015, 84, 380-389.	1.3	21
74	Transient Cardiac Arrest Induced by Adenosine: A Tool for Contralateral Clipping of Internal Carotid Artery-Ophthalmic Segment Aneurysms. World Neurosurgery, 2015, 84, 1933-1940.	1.3	20
75	Lateral supraorbital approach to ipsilateral PCA-P1 and ICA-PCoA aneurysms. , 2015, 6, 91.		8
76	Tumor-to-tumor metastasis – bronchial carcinoma in meningioma. , 2015, 34, 302-306.		13
77	The Anterior Temporal Approach for Microsurgical Thromboembolectomy of an Acute Proximal Posterior Cerebral Artery Occlusion. Operative Neurosurgery, 2014, 10, 174-178.	0.8	9
78	Characteristics of Posterior Cerebral Artery Aneurysms. Neurosurgery, 2014, 75, 134-144.	1.1	36
79	Focused opening of the sylvian fissure for microsurgical management of MCA aneurysms. Acta Neurochirurgica, 2014, 156, 17-25.	1.7	31
80	129 A Multicenter International Study of Surgical Clipping for Unruptured Very Small Intracranial Aneurysms. Neurosurgery, 2014, 61, 201-202.	1.1	1
81	Activation of phospholipase A2 by Hsp70 in vitro. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2569-2572.	2.6	10
82	Risk of Cerebrovascular Events in Hospitalized Patients with SARS-CoV-2 Infection. SSRN Electronic Journal, 0, , .	0.4	1
83	Cancer-Type Somatic Mutations in Saccular Cerebral Aneurysms. SSRN Electronic Journal, 0, , .	0.4	2