

Adel M Malek

List of Publications by Year in descending order

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131
papers

8,361
citations

57719

44
h-index

48277

88
g-index

133
all docs

133
docs citations

133
times ranked

7851
citing authors

#	ARTICLE	IF	CITATIONS
1	Hemodynamic Shear Stress and Its Role in Atherosclerosis. JAMA - Journal of the American Medical Association, 1999, 282, 2035.	3.8	2,852
2	Dural carotid cavernous fistula: definitive endovascular management and long-term follow-up. American Journal of Ophthalmology, 2002, 134, 85-92.	1.7	256
3	Cerebral Hyperperfusion Syndrome after Percutaneous Transluminal Stenting of the Craniocervical Arteries. Neurosurgery, 2000, 47, 335-345.	0.6	216
4	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. Journal of NeuroInterventional Surgery, 2020, 12, 62-66.	2.0	178
5	Aneurysm Inflow-Angle as a Discriminant for Rupture in Sidewall Cerebral Aneurysms. Stroke, 2010, 41, 1423-1430.	1.0	159
6	Endovascular Treatment of Ruptured Posterior Circulation Cerebral Aneurysms. Stroke, 2000, 31, 100-110.	1.0	152
7	Control of endothelial cell gene expression by flow. Journal of Biomechanics, 1995, 28, 1515-1528.	0.9	148
8	Balloon-assist Technique for Endovascular Coil Embolization of Geometrically Difficult Intracranial Aneurysms. Neurosurgery, 2000, 46, 1397-1407.	0.6	137
9	Treatment of Posterior Circulation Ischemia With Extracranial Percutaneous Balloon Angioplasty and Stent Placement. Stroke, 1999, 30, 2073-2085.	1.0	128
10	Decompressive Hemicraniectomy for the Treatment of Intractable Intracranial Hypertension After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2007, 38, 987-992.	1.0	126
11	Carotid Artery Stent Placement for Atherosclerotic Disease: Rationale, Technique, and Current Status. Radiology, 2000, 217, 26-41.	3.6	119
12	Vascular complications in autosomal dominant polycystic kidney disease. Nature Reviews Nephrology, 2015, 11, 589-598.	4.1	110
13	Endovascular Stenting of an Acutely Thrombosed Basilar Artery: Technical Case Report and Review of the Literature. Neurosurgery, 1999, 44, 667-673.	0.6	109
14	Variability of Computational Fluid Dynamics Solutions for Pressure and Flow in a Giant Aneurysm: The ASME 2012 Summer Bioengineering Conference CFD Challenge. Journal of Biomechanical Engineering, 2013, 135, 021016.	0.6	109
15	Aneurysmal Subarachnoid Hemorrhage: Update for Emergency Physicians. Journal of Emergency Medicine, 2008, 34, 237-251.	0.3	108
16	Stent-supported Coil Embolization: The Treatment of Fusiform and Wide-neck Aneurysms and Pseudoaneurysms. Neurosurgery, 2000, 47, 107-115.	0.6	107
17	Global impact of COVID-19 on stroke care. International Journal of Stroke, 2021, 16, 573-584.	2.9	104
18	Elevation of Cerebrospinal Fluid Levels of Basic Fibroblast Growth Factor in Moyamoya and Central Nervous System Disorders. Pediatric Neurosurgery, 1997, 27, 182-189.	0.4	103

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19	Mannitol at Clinical Concentrations Activates Multiple Signaling Pathways and Induces Apoptosis in Endothelial Cells. <i>Stroke</i> , 1998, 29, 2631-2640.	1.0	101
20	Decompressive Craniectomy. <i>Neurocritical Care</i> , 2008, 8, 456-470.	1.2	99
21	Stent Angioplasty for Cervical Carotid Artery Stenosis in High-Risk Symptomatic NASCET-Ineligible Patients. <i>Stroke</i> , 2000, 31, 3029-3033.	1.0	96
22	Modulation by Pathophysiological Stimuli of the Shear Stress-induced Up-regulation of Endothelial Nitric Oxide Synthase Expression in Endothelial Cells. <i>Neurosurgery</i> , 1999, 45, 334-344.	0.6	90
23	Identification of a dichotomy in morphological predictors of rupture status between sidewall- and bifurcation-type intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2012, 116, 871-881.	0.9	88
24	Induction of Nitric Oxide Synthase mRNA by Shear Stress Requires Intracellular Calcium and G-protein Signals and Is Modulated by PI 3 Kinase. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 231-242.	1.0	85
25	Patient presentation, angiographic features, and treatment of strangulation-induced dissection of the internal carotid artery. <i>Journal of Neurosurgery</i> , 2000, 92, 481-487.	0.9	83
26	Endovascular Recanalization with Balloon Angioplasty and Stenting of an Occluded Occipital Sinus for Treatment of Intracranial Venous Hypertension: Technical Case Report. <i>Neurosurgery</i> , 1999, 44, 896-901.	0.6	81
27	Colocalization of thin-walled dome regions with low hemodynamic wall shear stress in unruptured cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2013, 119, 172-179.	0.9	70
28	Acquired Pial Arteriovenous Fistula Following Cerebral Vein Thrombosis. <i>Stroke</i> , 1999, 30, 2487-2490.	1.0	68
29	Neuroform Atlas Stent System for the treatment of intracranial aneurysm: primary results of the Atlas Humanitarian Device Exemption cohort. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 801-806.	2.0	64
30	Endothelin-1 Gene Suppression by Shear Stress: Pharmacological Evaluation of the Role of Tyrosine Kinase, Intracellular Calcium, Cytoskeleton, and Mechanosensitive Channels. <i>Journal of Molecular and Cellular Cardiology</i> , 1999, 31, 387-399.	0.9	63
31	Angular Remodeling in Single Stent-Assisted Coiling Displaces and Attenuates the Flow Impingement Zone at the Neck of Intracranial Bifurcation Aneurysms. <i>Neurosurgery</i> , 2013, 72, 739-748.	0.6	62
32	Y-Stent Coiling of Basilar Bifurcation Aneurysms Induces a Dynamic Angular Vascular Remodeling With Alteration of the Apical Wall Shear Stress Pattern. <i>Neurosurgery</i> , 2013, 72, 617-629.	0.6	62
33	Crescent sign on magnetic resonance angiography revealing incomplete stent apposition: correlation with diffusion-weighted changes in stent-mediated coil embolization of aneurysms. <i>Journal of Neurosurgery</i> , 2011, 115, 624-632.	0.9	61
34	Tandem Intracranial Stent Deployment for Treatment of an Iatrogenic, Flow-limiting, Basilar Artery Dissection: Technical Case Report. <i>Neurosurgery</i> , 1999, 45, 919-924.	0.6	60
35	Effect of antiplatelet therapy on thromboembolism after flow diversion with the Pipeline Embolization Device. <i>Journal of Neurosurgery</i> , 2013, 119, 1603-1610.	0.9	58
36	Cerebral aneurysm wall thickness analysis using intraoperative microscopy: effect of size and gender on thin translucent regions. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 201-206.	2.0	58

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37	ESTIMATION OF WALL SHEAR STRESS DYNAMIC FLUCTUATIONS IN INTRACRANIAL ATHEROSCLEROTIC LESIONS USING COMPUTATIONAL FLUID DYNAMICS. <i>Neurosurgery</i> , 2008, 63, 326-335.	0.6	56
38	Solitary Fibrous Tumor Presenting As a Symptomatic Intraspinal Mass: Case Report. <i>Neurosurgery</i> , 1997, 40, 844-847.	0.6	55
39	Ruptured Status Discrimination Performance of Aspect Ratio, Height/Width, and Bottleneck Factor Is Highly Dependent on Aneurysm Sizing Methodology. <i>Neurosurgery</i> , 2012, 71, 38-46.	0.6	54
40	Incomplete stent apposition in Enterprise stent-mediated coiling of aneurysms: persistence over time and risk of delayed ischemic events. <i>Journal of Neurosurgery</i> , 2013, 118, 1014-1022.	0.9	53
41	Widening and High Inclination of the Middle Cerebral Artery Bifurcation Are Associated With Presence of Aneurysms. <i>Stroke</i> , 2014, 45, 2649-2655.	1.0	50
42	Widening of the basilar bifurcation angle: association with presence of intracranial aneurysm, age, and female sex. <i>Journal of Neurosurgery</i> , 2014, 121, 1401-1410.	0.9	49
43	Automated detection of intracranial aneurysms based on parent vessel 3D analysis. <i>Medical Image Analysis</i> , 2010, 14, 149-159.	7.0	48
44	Preoperative Embolization of Hypervascular Spinal Metastases Using Percutaneous Direct Injection with n-Butyl Cyanoacrylate. <i>Neurosurgery</i> , 2006, 59, E431-E432.	0.6	47
45	PREDICTION OF COMPLEX FLOW PATTERNS IN INTRACRANIAL ATHEROSCLEROTIC DISEASE USING COMPUTATIONAL FLUID DYNAMICS. <i>Neurosurgery</i> , 2007, 61, 842-852.	0.6	45
46	Critical Influence of Framing Coil Orientation on Intra-Aneurysmal and Neck Region Hemodynamics in a Sidewall Aneurysm Model. <i>Neurosurgery</i> , 2010, 67, 1692-1702.	0.6	45
47	Pivotal Trial of the Neuroform Atlas Stent for Treatment of Anterior Circulation Aneurysms. <i>Stroke</i> , 2020, 51, 2087-2094.	1.0	45
48	Delivery technique plays an important role in determining vessel wall apposition of the Enterprise self-expanding intracranial stent. <i>Journal of NeuroInterventional Surgery</i> , 2011, 3, 340-343.	2.0	44
49	Carotid Artery Cavernous Fistulas. <i>Neurosurgery Clinics of North America</i> , 2000, 11, 67-84.	0.8	43
50	WALL SHEAR STRESS GRADIENT ANALYSIS WITHIN AN IDEALIZED STENOSIS USING NON-NEWTONIAN FLOW. <i>Neurosurgery</i> , 2007, 61, 853-864.	0.6	40
51	Postpartum Internal Carotid and Vertebral Arterial Dissections. <i>Obstetrics and Gynecology</i> , 2014, 123, 848-856.	1.2	39
52	A single center's experience with the bedside subdural evacuating port system: a useful alternative to traditional methods for chronic subdural hematoma evacuation. <i>Journal of Neurosurgery</i> , 2013, 118, 694-700.	0.9	38
53	A cone-plate apparatus for the in vitro biochemical and molecular analysis of the effect of shear stress on adherent cells. <i>Cytotechnology</i> , 1995, 17, 165-176.	0.7	35
54	High curvature of the internal carotid artery is associated with the presence of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 733-739.	2.0	34

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55	Curvature effect on hemodynamic conditions at the inner bend of the carotid siphon and its relation to aneurysm formation. <i>Journal of Biomechanics</i> , 2014, 47, 3018-3027.	0.9	32
56	3D Shape Analysis of Intracranial Aneurysms Using the Writhe Number as a Discriminant for Rupture. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1457-1469.	1.3	29
57	Subclavian arteritis and pseudoaneurysm formation secondary to stent infection. <i>CardioVascular and Interventional Radiology</i> , 2000, 23, 57-60.	0.9	27
58	Computational fluid dynamic characterization of carotid bifurcation stenosis in patientâ€based geometries. <i>Brain and Behavior</i> , 2012, 2, 42-52.	1.0	27
59	Realistic non-Newtonian viscosity modelling highlights hemodynamic differences between intracranial aneurysms with and without surface blebs. <i>Journal of Biomechanics</i> , 2014, 47, 3695-3703.	0.9	27
60	Ischaemic stroke associated with COVID-19 and racial outcome disparity in North America. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1362-1364.	0.9	27
61	Transvenous balloon-protected embolization of a scalp arteriovenous fistula using Onyx liquid embolic. <i>Acta Neurochirurgica</i> , 2011, 153, 1285-1290.	0.9	26
62	Wall shear stress association with rupture status in volume matched sidewall aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 466-473.	2.0	26
63	Stent Graft Treatment of Cerebrovascular Wall Defects: Intermediate-term Clinical and Angiographic Results. <i>Operative Neurosurgery</i> , 2008, 62, ONS380-ONS389.	0.4	25
64	Performance of Radiomics derived morphological features for prediction of aneurysm rupture status. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 755-761.	2.0	24
65	Prospective study on embolization of intracranial aneurysms with the pipeline device (PREMIER study): 3-year results with the application of a flow diverter specific occlusion classification. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 248-254.	2.0	24
66	Use of concentric Solitaire stent to anchor Pipeline flow diverter constructs in treatment of shallow cervical carotid dissecting pseudoaneurysms. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1024-1028.	0.8	23
67	Flow Diverter Therapy With the Pipeline Embolization Device Is Associated With an Elevated Rate of Delayed Fluid-Attenuated Inversion Recovery Lesions. <i>Stroke</i> , 2016, 47, 789-797.	1.0	22
68	Spatio-Temporal Data Fusion for 3D+T Image Reconstruction in Cerebral Angiography. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1238-1251.	5.4	21
69	Deviation from optimal vascular caliber control at middle cerebral artery bifurcations harboring aneurysms. <i>Journal of Biomechanics</i> , 2014, 47, 3318-3324.	0.9	21
70	Acute ischaemic stroke associated with SARS-CoV-2 infection in North America. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 360-368.	0.9	20
71	Three-Dimensional Rotational Angiographic Detection of In-Stent Stenosis in Wide-Necked Aneurysms Treated with a Self-Expanding Intracranial Stent. <i>Neurosurgery</i> , 2005, 57, 1228-1236.	0.6	19
72	Enterprise stenting for intracranial aneurysm treatment induces dynamic and reversible age-dependent stenosis in cerebral arteries. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 297-302.	2.0	19

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73	Double waffle-cone technique using twin Solitaire detachable stents for treatment of an ultra-wide necked aneurysm. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1019-1023.	0.8	18
74	Y-Stent embolization technique for intracranial bifurcation aneurysms. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1368-1372.	0.8	18
75	Spontaneous atraumatic vertebral artery occlusion due to physiological cervical extension. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 278-282.	0.9	18
76	Spinal Dural Arteriovenous Fistula with an Associated Feeding Artery Aneurysm: Case Report. <i>Neurosurgery</i> , 1999, 44, 877-880.	0.6	17
77	Incremental Contribution of Size Ratio as a Discriminant for Rupture Status in Cerebral Aneurysms: Comparison With Size, Height, and Vessel Diameter. <i>Neurosurgery</i> , 2012, 70, 944-952.	0.6	17
78	Use of Cone-Beam Computed Tomography Angiography in Planning for Gamma Knife Radiosurgery for Arteriovenous Malformations. <i>Neurosurgery</i> , 2014, 74, 682-696.	0.6	17
79	Stent recanalization of carotid tonsillar loop dissection using the Enterprise vascular reconstruction device. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1141-1147.	0.8	17
80	Postoperative Temporalis Muscle Atrophy and the Use of Electrocautery: A Volumetric MRI Comparison. <i>Skull Base</i> , 2010, 20, 321-326.	0.4	16
81	Neuroform Atlas Stent for Treatment of Middle Cerebral Artery Aneurysms: 1-Year Outcomes From Neuroform Atlas Stent Pivotal Trial. <i>Neurosurgery</i> , 2021, 89, 102-108.	0.6	16
82	Iatrogenic vasospasm in carotid artery stent angioplasty with distal protection devices. <i>Neurosurgical Focus</i> , 2008, 24, E12.	1.0	15
83	Transpedicular N-butyl cyanoacrylate-mediated percutaneous embolization of symptomatic vertebral hemangiomas. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 450-455.	0.9	15
84	Benefit of Cone-Beam CT Angiography in Visualizing Aneurysm Shape and Identification of Exact Rupture Site. <i>Journal of Neuroimaging</i> , 2015, 25, 56-61.	1.0	15
85	Proximal Parent Vessel Tapering is Associated With Aneurysm at the Middle Cerebral Artery Bifurcation. <i>Neurosurgery</i> , 2019, 84, 1082-1089.	0.6	15
86	Critical role of angiographic acquisition modality and reconstruction on morphometric and haemodynamic analysis of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 911-915.	2.0	14
87	Induction of aneurysmogenic high positive wall shear stress gradient by wide angle at cerebral bifurcations, independent of flow rate. <i>Journal of Neurosurgery</i> , 2019, 131, 442-452.	0.9	14
88	Clinical Use of Scents for Carotid Artery Disease. <i>Neurologia Medico-Chirurgica</i> , 1999, 39, 809-827.	1.0	13
89	Electrocautery-induced Ignition of Spark Showers and Self-sustained Combustion of Onyx Ethylene-vinyl Alcohol Copolymer. <i>Operative Neurosurgery</i> , 2006, 59, ONS-E413-ONS-E419.	0.4	13
90	Patient based computational fluid dynamic characterization of carotid bifurcation stenosis before and after endovascular revascularization. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 448-454.	2.0	13

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91	Neuro-ophthalmic effects of stenting across the ophthalmic artery origin in the treatment of intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2014, 121, 18-23.	0.9	13
92	First-in-human endovascular treatment of hydrocephalus with a miniature biomimetic transdural shunt. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 495-499.	2.0	13
93	A strangled wife. <i>Lancet, The</i> , 1999, 353, 1324.	6.3	12
94	Rupture Status Discrimination in Intracranial Aneurysms Using the Centroidâ€™Radii Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2895-2903.	2.5	12
95	Endovascular recanalization of symptomatic flow-limiting cervical carotid dissection in an isolated hemisphere. <i>Neurosurgical Focus</i> , 2011, 30, E16.	1.0	12
96	Cerebral Embolus Following Chiropractic Manipulation in a Patient with a Calcified Carotid Artery. , 2013, 23, 429-430.		12
97	Benefit of cone-beam computed tomography angiography in acute management of angiographically undetectable ruptured arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2013, 119, 1015-1020.	0.9	12
98	Superior performance of cone-beam CT angiography in characterization of intracranial atherosclerosis. <i>Journal of Neurosurgery</i> , 2014, 121, 441-449.	0.9	12
99	Age and Acute Ischemic Stroke Outcome in North American Patients With COVIDâ€™19. <i>Journal of the American Heart Association</i> , 2021, 10, e021046.	1.6	12
100	Cerebrovascular network registration via an efficient attributed graph matching technique. <i>Medical Image Analysis</i> , 2018, 46, 118-129.	7.0	11
101	Pivotal trial of the Neuroform Atlas stent for treatment of posterior circulation aneurysms: one-year outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 143-148.	2.0	11
102	STENT-MEDIATED WEDGING OF A CALCIFIC EMBOLUS TO RECANALIZE AN OCCLUDED MIDDLE CEREBRAL ARTERY. <i>Neurosurgery</i> , 2008, 63, E180-E181.	0.6	10
103	Successful detection of embologenic ulceration in a symptomatic non-hemodynamic intracranial stenosis using C-arm cone beam CT. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, e3-e3.	2.0	10
104	Neuroform Intracranial Stenting for Aneurysms Using Simple and Multi-stent Technique Is Associated With Low Risk of Magnetic Resonance Diffusion-Weighted Imaging Lesions. <i>Neurosurgery</i> , 2013, 73, 582-591.	0.6	10
105	Toward a Better Model of Cerebral Venous Sinus Thrombosis. <i>World Neurosurgery</i> , 2014, 82, 50-53.	0.7	10
106	Proximal Stenosis Is Associated with Rupture Status in Middle Cerebral Artery Aneurysms. <i>World Neurosurgery</i> , 2018, 109, e835-e844.	0.7	9
107	Anatomical characterization of the inferior petrosal sinus and adjacent cerebellopontine angle cistern for development of an endovascular transdural cerebrospinal fluid shunt. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 598-602.	2.0	9
108	Screening for Intracranial Aneurysms in Coarctation of the Aorta. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006406.	0.9	9

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109	Extradural Internal Carotid Artery Caliber Dysregulation Is Associated With Cerebral Aneurysms. Stroke, 2013, 44, 3561-3564.	1.0	7
110	Size Ratio Performance in Detecting Cerebral Aneurysm Rupture Status Is Insensitive to Small Vessel Removal. Neurosurgery, 2013, 72, 547-554.	0.6	7
111	Benefit of a Sharp Computed Tomography Angiography Reconstruction Kernel for Improved Characterization of Intracranial Aneurysms. Operative Neurosurgery, 2014, 10, 97-105.	0.4	6
112	Increased focal internal carotid artery angulation in patients with posterior communicating artery aneurysms. Journal of NeuroInterventional Surgery, 2020, 12, 1142-1147.	2.0	5
113	Enhanced Radiomics for Prediction of Rupture Status in Cerebral Aneurysms. World Neurosurgery, 2022, 159, e8-e22.	0.7	5
114	Overriding role of parent over daughter vessel dimension in size ratio detection performance of bifurcation aneurysms ruptured status. Neurological Research, 2013, 35, 883-889.	0.6	4
115	Delayed progressive bilateral supraclinoid internal carotid artery stenosis in a patient with a ruptured basilar artery aneurysm. Journal of Clinical Neuroscience, 2015, 22, 368-372.	0.8	4
116	Double-barrel entanglement of intracranial Enterprise stents resulting from undetected incomplete stent apposition. Journal of NeuroInterventional Surgery, 2012, 4, e38-e38.	2.0	3
117	Beating aneurysm sign: angiographic evidence of ruptured aneurysm tamponade by intracranial hemorrhage. Journal of Neurosurgery, 1999, 91, 517.	0.9	2
118	Endovascular Treatment of a Ruptured Dual Aperture Cavernous Aneurysm. Journal of Neuroimaging, 2001, 11, 71-75.	1.0	2
119	GPU-based real-time implementation of 3D+T image reconstruction with application to cerebral angiography. , 2011, , .		2
120	An Intracranial Dural Arteriovenous Fistula Found During a Dermatologic Examination. Archives of Dermatology, 2010, 146, 808-10.	1.7	1
121	Pediatric internal carotid aneurysm as a complication of sphenoid sinusitis. Journal of Pediatric Neurology, 2015, 10, 297-300.	0.0	1
122	The utility of histopathologic characteristics of thrombi in large vessel occlusions. Neurology: Clinical Practice, 2019, 9, 481-483.	0.8	1
123	Aneurysm presence at the anterior communicating artery bifurcation is associated with caliber tapering of the A1 segment. Journal of Neurosurgery, 2022, 136, 1694-1704.	0.9	1
124	Preoperative embolization and endovascular treatment of midline facial and skull base lesions. Operative Techniques in Neurosurgery, 2000, 3, 2-15.	0.1	0
125	Enhancing the surgeons reality : Smart visualization of bolus time of arrival and blood flow anomalies from time lapse series for safety and speed of cerebrovascular surgery. , 2009, , .		0
126	CFD Challenge: Solutions Using the Commercial Finite Volume Solver Fluent on Tetrahedral and Polyhedral Meshes. , 2012, , .		0

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127	Progression of occluded internal carotid artery dissection to giant compressive pseudoaneurysm following gunshot wound. <i>Injury Extra</i> , 2013, 44, 75-78.	0.2	0
128	109 Development of an Endovascular Transvenous Delivery System for Implantation of an Inferior Petrosal Sinus Transdural Cerebrospinal Fluid Shunt. <i>Neurosurgery</i> , 2018, 65, 83.	0.6	0
129	Response to letter to editor regarding "Anatomical characterization of the inferior petrosal sinus and adjacent cerebellopontine angle cistern for development of an endovascular transdural cerebrospinal fluid shunt"™. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, neurintsurg-2021-017989.	2.0	0
130	Moments of Intra-Dome Velocity Distribution as Robust Predictors of Rupture Status in Cerebral Aneurysms. <i>World Neurosurgery</i> , 2021, , .	0.7	0
131	Vortex formation and associated aneurysmogenic transverse rotational shear stress near the apex of wide-angle cerebral bifurcations. <i>Journal of Neurosurgery</i> , 2022, 136, 1726-1737.	0.9	0