

Xinjian Yang

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167
papers

2,346
citations

28
h-index

40
g-index

181
ext. papers

2,842
ext. citations

3.7
avg, IF

4.85
L-index

#	Paper	IF	Citations
167	Flow diverter effect of LVIS stent on cerebral aneurysm hemodynamics: a comparison with Enterprise stents and the Pipeline device. <i>Journal of Translational Medicine</i> , 2016 , 14, 199	8.5	115
166	High shear stress and flow velocity in partially occluded aneurysms prone to recanalization. <i>Stroke</i> , 2011 , 42, 745-53	6.7	94
165	Complication risk of endovascular embolization for cerebral arteriovenous malformation. <i>European Journal of Radiology</i> , 2011 , 80, 776-9	4.7	56
164	Influence of hemodynamics on recanalization of totally occluded intracranial aneurysms: a patient-specific computational fluid dynamic simulation study. <i>Journal of Neurosurgery</i> , 2012 , 117, 276-83 ²	3.2	55
163	Circulating microRNAs serve as novel biological markers for intracranial aneurysms. <i>Journal of the American Heart Association</i> , 2014 , 3, e000972	6	54
162	Imaging investigation of intracranial arterial dissecting aneurysms by using 3 T high-resolution MRI and DSA: from the interventional neuroradiologists' view. <i>Acta Neurochirurgica</i> , 2014 , 156, 515-25	3	53
161	Angioarchitectural characteristics of brain arteriovenous malformations with and without hemorrhage. <i>World Neurosurgery</i> , 2011 , 76, 95-9	2.1	53
160	Morphologic and Hemodynamic Analysis in the Patients with Multiple Intracranial Aneurysms: Ruptured versus Unruptured. <i>PLoS ONE</i> , 2015 , 10, e0132494	3.7	52
159	Genome-wide microRNA changes in human intracranial aneurysms. <i>BMC Neurology</i> , 2014 , 14, 188	3.1	52
158	Matrix metalloproteinases and tissue inhibitors of metalloproteinases expression in human cerebral ruptured and unruptured aneurysm. <i>World Neurosurgery</i> , 2007 , 68 Suppl 2, S11-6; discussion S16		51
157	Neuroprotective effects of miR-27a against traumatic brain injury via suppressing FoxO3a-mediated neuronal autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 482, 1141-1147	3.4	48
156	High fidelity virtual stenting (HiFiVS) for intracranial aneurysm flow diversion: in vitro and in silico. <i>Annals of Biomedical Engineering</i> , 2013 , 41, 2143-56	4.7	48
155	LVIS Stent Versus Enterprise Stent for the Treatment of Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2016 , 91, 365-70	2.1	45
154	Transcriptome-wide characterization of gene expression associated with unruptured intracranial aneurysms. <i>European Neurology</i> , 2009 , 62, 330-7	2.1	42
153	Predisposing factors for recanalization of cerebral aneurysms after endovascular embolization: a multivariate study. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 252-257	7.8	41
152	Hemorrhage risk after partial endovascular NBCA and ONYX embolization for brain arteriovenous malformation. <i>Neurological Research</i> , 2012 , 34, 552-6	2.7	41
151	Morphologic and hemodynamic analysis of paraclinoid aneurysms: ruptured versus unruptured. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 658-63	7.8	40

150	Endovascular treatment for pediatric intracranial aneurysms. <i>Neuroradiology</i> , 2009 , 51, 749-54	3.2	40
149	Perturbations of BMP/TGF- β and VEGF/VEGFR signalling pathways in non-syndromic sporadic brain arteriovenous malformations (BAVM). <i>Journal of Medical Genetics</i> , 2018 , 55, 675-684	5.8	38
148	miR-23b improves cognitive impairments in traumatic brain injury by targeting ATG12-mediated neuronal autophagy. <i>Behavioural Brain Research</i> , 2018 , 340, 126-136	3.4	36
147	Endovascular treatment of paraclinoid aneurysms: 142 aneurysms in one centre. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 552-6	7.8	36
146	MiR-29b Downregulation Induces Phenotypic Modulation of Vascular Smooth Muscle Cells: Implication for Intracranial Aneurysm Formation and Progression to Rupture. <i>Cellular Physiology and Biochemistry</i> , 2017 , 41, 510-518	3.9	33
145	Virtual stenting workflow with vessel-specific initialization and adaptive expansion for neurovascular stents and flow diverters. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016 , 19, 1423-1431	2.1	33
144	Endovascular embolization for symptomatic perimedullary AVF and intramedullary AVM: a series and a literature review. <i>Neuroradiology</i> , 2012 , 54, 349-59	3.2	33
143	Hemodynamic analysis of intracranial aneurysms with daughter blebs. <i>European Neurology</i> , 2011 , 66, 359-67	2.1	32
142	Shear Stress Induces Phenotypic Modulation of Vascular Smooth Muscle Cells via AMPK/mTOR/ULK1-Mediated Autophagy. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 541-548	4.6	30
141	A novel cognitive impairment mechanism that astrocytic p-connexin 43 promotes neuronal autophagy via activation of P2X7R and down-regulation of GLT-1 expression in the hippocampus following traumatic brain injury in rats. <i>Behavioural Brain Research</i> , 2015 , 291, 315-324	3.4	29
140	Clinical, morphological, and hemodynamic independent characteristic factors for rupture of posterior communicating artery aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 808-12	7.8	28
139	Morphological-Hemodynamic Characteristics of Intracranial Bifurcation Mirror Aneurysms. <i>World Neurosurgery</i> , 2015 , 84, 114-120.e2	2.1	28
138	Low wall shear stress is associated with the rupture of intracranial aneurysm with known rupture point: case report and literature review. <i>BMC Neurology</i> , 2016 , 16, 231	3.1	27
137	Hemodynamic Effect of Flow Diverter and Coils in Treatment of Large and Giant Intracranial Aneurysms. <i>World Neurosurgery</i> , 2016 , 89, 199-207	2.1	27
136	Clinical outcomes of endovascular treatment for intracranial pial arteriovenous fistulas. <i>World Neurosurgery</i> , 2010 , 73, 385-90	2.1	27
135	Effect of hemodynamics on outcome of subtotally occluded paraclinoid aneurysms after stent-assisted coil embolization. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 1140-1147	7.8	26
134	Influence of morphology and hemodynamic factors on rupture of multiple intracranial aneurysms: matched-pairs of ruptured-unruptured aneurysms located unilaterally on the anterior circulation. <i>BMC Neurology</i> , 2014 , 14, 253	3.1	26
133	Risk Score for Neurological Complications After Endovascular Treatment of Unruptured Intracranial Aneurysms. <i>Stroke</i> , 2016 , 47, 971-8	6.7	25

132	Endovascular treatment of cerebral aneurysms with the use of stents in small cerebral vessels. <i>Neurological Research</i> , 2010 , 32, 119-22	2.7	25
131	Parent vessel occlusion for P2 dissecting aneurysms of the posterior cerebral artery. <i>World Neurosurgery</i> , 2009 , 71, 319-25, discussion 325		24
130	MiR-144 promotes β -amyloid accumulation-induced cognitive impairments by targeting ADAM10 following traumatic brain injury. <i>Oncotarget</i> , 2017 , 8, 59181-59203	3.3	23
129	Potential advantages and limitations of the Leo stent in endovascular treatment of complex cerebral aneurysms. <i>European Journal of Radiology</i> , 2011 , 79, 317-22	4.7	21
128	Cerebral arteriovenous malformations associated with flow-related and circle of Willis aneurysms. <i>World Neurosurgery</i> , 2011 , 76, 455-8	2.1	20
127	Stent alone treatment for dissections and dissecting aneurysms involving the basilar artery. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 50-5	7.8	19
126	Suppression of FoxO3a attenuates neurobehavioral deficits after traumatic brain injury through inhibiting neuronal autophagy. <i>Behavioural Brain Research</i> , 2018 , 337, 271-279	3.4	18
125	Hemodynamic characteristics of large unruptured internal carotid artery aneurysms prior to rupture: a case control study. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 367-72	7.8	17
124	Rupture Risk Assessment for Mirror Aneurysms with Different Outcomes in the Same Patient. <i>Frontiers in Neurology</i> , 2016 , 7, 219	4.1	17
123	Hemodynamic alterations after stent implantation in 15 cases of intracranial aneurysm. <i>Acta Neurochirurgica</i> , 2016 , 158, 811-819	3	15
122	Endovascular Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms: Outcomes Related to Imaging Classification of 309 Cases. <i>World Neurosurgery</i> , 2017 , 98, 444-455	2.1	14
121	Risk factors for dural arteriovenous fistula intracranial hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 769-72	2.2	14
120	Transarterial treatment with Onyx of Cognard type IV anterior cranial fossa dural arteriovenous fistulas. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 115-20	7.8	14
119	Endovascular treatment for cerebral perforating artery aneurysms. <i>Neurological Research</i> , 2011 , 33, 553-7	2.7	14
118	Potential proneness of fetal-type posterior cerebral artery to vascular insufficiency in parent vessel occlusion of distal posterior cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , 2012 , 117, 284-7	3.2	14
117	Percutaneous Transvenous Embolization of Intracranial Dural Arteriovenous Fistulas with Detachable Coils and/or in Combination with Onyx. <i>Interventional Neuroradiology</i> , 2008 , 14, 415-27	1.9	14
116	Bifurcation Type and Larger Low Shear Area Are Associated with Rupture Status of Very Small Intracranial Aneurysms. <i>Frontiers in Neurology</i> , 2016 , 7, 169	4.1	14
115	225 intracranial aneurysms treated with the Low-profile Visualized Intraluminal Support (LVIS) stent: a single-center retrospective study. <i>Neurological Research</i> , 2018 , 40, 445-451	2.7	13

114	Endovascular treatment of cerebral aneurysms associated with arteriovenous malformations. <i>European Journal of Radiology</i> , 2012 , 81, 1296-8	4.7	13
113	Phantom-based experimental validation of fast virtual deployment of self-expandable stents for cerebral aneurysms. <i>BioMedical Engineering OnLine</i> , 2016 , 15, 125	4.1	12
112	Recanalization, Regrowth, and Delayed Rupture of a Previously Coiled Unruptured Anterior Communicating Artery Aneurysm: A Longitudinal Hemodynamic Analysis. <i>World Neurosurgery</i> , 2016 , 89, 726.e5-726.e10	2.1	12
111	A geometric scaling model for assessing the impact of aneurysm size ratio on hemodynamic characteristics. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 17	4.1	12
110	Ruptured vertebro-inferoposterior cerebellar artery dissecting aneurysm treated with the Neuroform stent deployment and vertebral artery occlusion. <i>European Journal of Radiology Extra</i> , 2009 , 70, e100-e103		12
109	Clinical and Angioarchitectural Risk Factors Associated with Intracranial Hemorrhage in Dural Arteriovenous Fistulas: A Single-Center Retrospective Study. <i>PLoS ONE</i> , 2015 , 10, e0131235	3.7	12
108	Stent-Assisted Coiling May Prevent the Recurrence of Very Small Ruptured Intracranial Aneurysms: A Multicenter Study. <i>World Neurosurgery</i> , 2017 , 100, 22-29	2.1	11
107	Aneurysm wall enhancement on magnetic resonance imaging as a risk factor for progression of unruptured vertebrobasilar dissecting aneurysms after reconstructive endovascular treatment. <i>Journal of Neurosurgery</i> , 2018 , 128, 747-755	3.2	11
106	A scaling aneurysm model-based approach to assessing the role of flow pattern and energy loss in aneurysm rupture prediction. <i>Journal of Translational Medicine</i> , 2015 , 13, 311	8.5	11
105	The effect of aneurismal-wall mechanical properties on patient-specific hemodynamic simulations: two clinical case reports. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2009 , 25, 677-688	2	11
104	Transarterial embolization of tentorial dural arteriovenous fistulas with onyx 18. <i>Neuroradiology Journal</i> , 2008 , 21, 406-14	2	11
103	Retreatment and outcomes of recurrent intracranial vertebral artery dissecting aneurysms after stent assisted coiling: a single center experience. <i>PLoS ONE</i> , 2014 , 9, e113027	3.7	11
102	Whole-exome sequencing reveals known and novel variants in a cohort of intracranial vertebral-basilar artery dissection (IVAD). <i>Journal of Human Genetics</i> , 2018 , 63, 1119-1128	4.3	10
101	Clinical and angiographic outcome of endovascular and conservative treatment for giant cavernous carotid artery aneurysms. <i>Interventional Neuroradiology</i> , 2014 , 20, 29-36	1.9	10
100	Could the types of paraclinoid aneurysm be used as a criterion in choosing endovascular treatment? Neuro-radiologistsRview. <i>Acta Neurochirurgica</i> , 2013 , 155, 2019-27	3	10
99	Characteristics of arteriovenous malformations associated with cerebral aneurysms. <i>World Neurosurgery</i> , 2011 , 76, 288-91	2.1	10
98	Dural arteriovenous fistula with spinal perimedullary venous drainage. <i>Neurology India</i> , 2011 , 59, 899-900.7		10
97	Computational haemodynamics in two idealised cerebral wide-necked aneurysms after stent placement. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2011 , 14, 927-37	2.1	10

96	Re-evaluation of cellulose acetate polymer: angiographic findings and histological studies. <i>World Neurosurgery</i> , 2001 , 55, 116-22		10
95	Magnetic Resonance Imaging Follow-Up of Large or Giant Vertebrobasilar Dissecting Aneurysms After Total Embolization on Angiography. <i>World Neurosurgery</i> , 2016 , 91, 218-27	2.1	10
94	Stability Assessment of Intracranial Aneurysms Using Machine Learning Based on Clinical and Morphological Features. <i>Translational Stroke Research</i> , 2020 , 11, 1287-1295	7.8	9
93	Successful Retreatment of Recurrent Intracranial Vertebral Artery Dissecting Aneurysms After Stent-Assisted Coil Embolization: A Self-Controlled Hemodynamic Analysis. <i>World Neurosurgery</i> , 2017 , 97, 344-350	2.1	9
92	Fast Virtual Stenting with Active Contour Models in Intracranial Aneurysm. <i>Scientific Reports</i> , 2016 , 6, 21724	4.9	9
91	Efficacy of LVIS vs. Enterprise Stent for Endovascular Treatment of Medium-Sized Intracranial Aneurysms: A Hemodynamic Comparison Study. <i>Frontiers in Neurology</i> , 2019 , 10, 522	4.1	8
90	Endovascular management of giant aneurysms: An introspection. <i>Neurology India</i> , 2015 , 63, 184-9	0.7	8
89	Treatment of symptomatic fusiform aneurysm in basilar artery by stenting following coiling technique. <i>Turkish Neurosurgery</i> , 2014 , 24, 44-7	0.8	8
88	China Intracranial Aneurysm Project (CIAP): protocol for a registry study on a multidimensional prediction model for rupture risk of unruptured intracranial aneurysms. <i>Journal of Translational Medicine</i> , 2018 , 16, 263	8.5	8
87	Risk Factors of Recurrence after Stent(s)-Assisted Coiling of Intracranial Vertebrobasilar Dissecting Aneurysms: A Multicenter Study. <i>Frontiers in Neurology</i> , 2017 , 8, 482	4.1	7
86	Pain reduction in osteoporotic patients with vertebral pain without measurable compression. <i>Neuroradiology</i> , 2008 , 50, 153-9	3.2	7
85	Analysis of Multiple Intracranial Aneurysms with Different Outcomes in the Same Patient After Endovascular Treatment. <i>World Neurosurgery</i> , 2016 , 91, 399-408	2.1	7
84	Patency of Branch Vessels After Pipeline Embolization: Comparison of Various Branches. <i>Frontiers in Neurology</i> , 2019 , 10, 838	4.1	6
83	Relationship between haemodynamic changes and outcomes of intracranial aneurysms after implantation of the pipeline embolisation device: a single centre study. <i>Interventional Neuroradiology</i> , 2019 , 25, 671-680	1.9	6
82	Application of the Pipeline Embolization Device for Giant Vertebrobasilar Dissecting Aneurysms in Pediatric Patients. <i>Frontiers in Neurology</i> , 2019 , 10, 179	4.1	6
81	Enterprise stent-assisted coiling for wide-necked intracranial aneurysms during ultra-early (48hours) subarachnoid hemorrhage: a single-center experience in 59 consecutive patients. <i>Journal of Neuroradiology</i> , 2015 , 42, 298-303	3.1	6
80	Statin treatment for unruptured intracranial aneurysms study: a study protocol for a double-blind, placebo-controlled trial. <i>Stroke and Vascular Neurology</i> , 2020 , 5, 410-415	9.1	6
79	Remission of neurovascular conflicts in the cerebellopontine angle in interventional neuroradiology. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 87-93	7.8	6

78	Fast Virtual Stenting With Vessel-Specific Initialization and Collision Detection 2014 ,		6
77	Incidence and predictors of headache relief after endovascular treatment in patients with unruptured intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2017 , 23, 18-27	1.9	6
76	Effect of thyroid hormone replacement therapy on cognition in long-term survivors of aneurysmal subarachnoid hemorrhage. <i>Experimental and Therapeutic Medicine</i> , 2015 , 10, 369-373	2.1	6
75	Endovascular treatment using stents for vertebral artery fusiform aneurysms. <i>Neurological Research</i> , 2010 , 32, 792-5	2.7	6
74	Isolated oculomotor nerve palsy in interventional neuroradiology. <i>European Journal of Radiology</i> , 2010 , 74, 441-4	4.7	6
73	Endovascular treatment of ruptured vertebrobasilar dissecting aneurysms: Review of 40 consecutive cases. <i>Neurology India</i> , 2016 , 64 Suppl, S52-61	0.7	6
72	Risk Factors of Angiographic Recurrence After Endovascular Coil Embolization of Intracranial Saccular Aneurysms: A Retrospective Study Using a Multicenter Database. <i>Frontiers in Neurology</i> , 2020 , 11, 1026	4.1	6
71	Pipeline Embolization device for intracranial aneurysms in a large Chinese cohort: factors related to aneurysm occlusion. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420967828	6.6	6
70	Variation of Mass Effect After Using a Flow Diverter With Adjunctive Coil Embolization for Symptomatic Unruptured Large and Giant Intracranial Aneurysms. <i>Frontiers in Neurology</i> , 2019 , 10, 1191 ^{4.1}	4.1	6
69	Novel Models for Identification of the Ruptured Aneurysm in Patients with Subarachnoid Hemorrhage with Multiple Aneurysms. <i>American Journal of Neuroradiology</i> , 2019 , 40, 1939-1946	4.4	5
68	A case of two pial arteriovenous fistulas with giant venous pouches treated by endovascular coil embolization: Therapy with and without anticoagulation. <i>Interventional Neuroradiology</i> , 2016 , 22, 97-100 ^{1.9}	1.9	5
67	An approach to quantitative assessment of hemodynamic differences between unruptured and ruptured ophthalmic artery aneurysms. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016 , 19, 1456-61	2.1	5
66	Efficient simulation of a low-profile visualized intraluminal support device: a novel fast virtual stenting technique. <i>Chinese Neurosurgical Journal</i> , 2018 , 4, 6	1.6	5
65	Patency of Posterior Circulation Branches Covered by Flow Diverter Device: A Hemodynamic Study. <i>Frontiers in Neurology</i> , 2019 , 10, 658	4.1	5
64	Flow Diversion and Outcomes of Vertebral Fusiform Aneurysms After Stent-Only Treatment: A Hemodynamic Study. <i>World Neurosurgery</i> , 2017 , 107, 202-210	2.1	5
63	Characteristics of brain arteriovenous malformations in patients presenting with nonhemorrhagic neurologic deficits. <i>World Neurosurgery</i> , 2013 , 79, 484-8	2.1	5
62	Hemodynamic performance of coil embolization and stentassisted coil embolization treatments: a numerical comparative study based on subject-specific models of cerebral aneurysms. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011 , 54, 2053-2063	3.6	5
61	Recovery of ophthalmoplegia associated with cavernous sinus dural arteriovenous fistulas after transvenous cavernous sinus packing. <i>European Journal of Radiology</i> , 2010 , 75, 139-42	4.7	5

60	Larger inflow angle and incomplete occlusion predict recanalization of unruptured paraclinoid aneurysms after endovascular treatment. <i>Interventional Neuroradiology</i> , 2016 , 22, 383-8	1.9	5
59	Stent-assisted coiling of very small wide-necked intracranial aneurysms: Complications, anatomical results and clinical outcomes. <i>Neurologia I Neurochirurgia Polska</i> , 2016 , 50, 410-417	1	5
58	Exome sequencing of 112 trios identifies recessive genetic variants in brain arteriovenous malformations. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 568-573	7.8	5
57	Stenting After Coiling Using a Single Microcatheter for Treatment of Ruptured Intracranial Fusiform Aneurysms with Parent Arteries Less Than 1.5 mm in Diameter. <i>World Neurosurgery</i> , 2017 , 99, 809.e7-809.e10	2.1	4
56	Haemodynamic analysis for recanalisation of intracranial aneurysms after endovascular treatment: an observational registry study in China. <i>BMJ Open</i> , 2017 , 7, e014261	3	4
55	Outcomes in Symptomatic Patients With Vertebrobasilar Dolichoectasia Following Endovascular Treatment. <i>Frontiers in Neurology</i> , 2019 , 10, 610	4.1	4
54	Cavernous region dural fistulas with venous drainage of laterocavernous sinus. <i>Neurology India</i> , 2011 , 59, 190-4	0.7	4
53	Treatment of traumatic trigeminal-cavernous fistula by coil embolization and compression of carotid artery. <i>Neurology India</i> , 2007 , 55, 396-8	0.7	4
52	Hemodynamic Analysis of Postoperative Rupture of Unruptured Intracranial Aneurysms after Placement of Flow-Diverting Stents: A Matched Case-Control Study. <i>American Journal of Neuroradiology</i> , 2019 , 40, 1916-1923	4.4	4
51	Exome sequencing reveals a novel variant in causing intracranial aneurysm in a Chinese family. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 221-226	7.8	4
50	Hemodynamic impacts of flow diverter devices on the ophthalmic artery. <i>Journal of Translational Medicine</i> , 2019 , 17, 160	8.5	3
49	Cranial Nerve Dysfunction Associated with Cavernous Dural Arteriovenous Fistulas After Transvenous Embolization with Onyx. <i>CardioVascular and Interventional Radiology</i> , 2015 , 38, 1162-70	2.7	3
48	Finite element modeling and simulation of the implantation of braided stent to treat cerebral aneurysm. <i>Medicine in Novel Technology and Devices</i> , 2020 , 5, 100031	2.1	3
47	Discrimination of intracranial aneurysm rupture status: patient-specific inflow boundary may not be a must-have condition in hemodynamic simulations. <i>Neuroradiology</i> , 2020 , 62, 1485-1495	3.2	3
46	Pediatric Patient With a Giant Vertebrobasilar Dissecting Aneurysm Successfully Treated With Three Pipeline Embolization Devices. <i>Frontiers in Neurology</i> , 2020 , 11, 633	4.1	3
45	Hemodynamic Alterations for Various Stent Configurations in Idealized Wide-neck Basilar Tip Aneurysm. <i>Journal of Medical and Biological Engineering</i> , 2016 , 36, 379-385	2.2	3
44	Hemodynamics in Ruptured Intracranial Aneurysms with Known Rupture Points. <i>World Neurosurgery</i> , 2018 , 118, e721-e726	2.1	3
43	Increased oxidative stress and xanthine oxidase activity in human ruptured cerebral aneurysms. <i>Neuroradiology Journal</i> , 2007 , 20, 545-50	2	3

42	China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. <i>BMJ Open</i> , 2018 , 8, e019333	3	3
41	Treatment of true posterior communicating artery aneurysms: Endovascular experience in a single center. <i>Interventional Neuroradiology</i> , 2020 , 26, 55-60	1.9	3
40	The Impact of Inflow Angle on Aneurysm Hemodynamics: A Simulation Study Based on Patient-Specific Intracranial Aneurysm Models. <i>Frontiers in Neurology</i> , 2020 , 11, 534096	4.1	2
39	Quantitative Analysis of Intracranial Vertebrobasilar Dissecting Aneurysm with Intramural Hematoma After Endovascular Treatment Using 3-T High-Resolution Magnetic Resonance Imaging. <i>World Neurosurgery</i> , 2017 , 108, 236-243	2.1	2
38	A Patient-Specific Approach to Assessment of Biomechanical Stability Following Percutaneous Vertebroplasty Using CT Images 2007 ,		2
37	Hemodynamic differences by increasing low profile visualized intraluminal support (LVIS) stent local compaction across intracranial aneurysm orifice. <i>Interventional Neuroradiology</i> , 2020 , 26, 557-565	1.9	2
36	Endovascular Treatment of Tiny Aneurysms With Low-Profile Visualized Intraluminal Support Devices Using a "Compressed" Stent Technique. <i>Frontiers in Neurology</i> , 2020 , 11, 610126	4.1	2
35	Retreatment With Flow Diverters and Coiling for Recurrent Aneurysms After Initial Endovascular Treatment: A Propensity Score-Matched Comparative Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 625652	4.1	2
34	High-resolution vessel wall magnetic resonance imaging for depicting imaging features of unruptured intracranial vertebrobasilar dissecting aneurysms. <i>Journal of International Medical Research</i> , 2021 , 49, 300060520977388	1.4	2
33	A comparative CFD analysis of common carotid fusiform aneurysm in canine models and vertebrobasilar fusiform aneurysm in human patients. <i>International Angiology</i> , 2018 , 37, 32-40	2.2	2
32	Effect of Adjusted Antiplatelet Therapy on Preventing Ischemic Events After Stenting for Intracranial Aneurysms. <i>Stroke</i> , 2021 , 52, 3815-3825	6.7	2
31	The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol of a multi-center registration study in CIAP. <i>Journal of Translational Medicine</i> , 2019 , 17, 349	8.5	1
30	Recurrence of an internal carotid artery aneurysm after complete exclusion by a Willis covered stent. <i>Interventional Neuroradiology</i> , 2019 , 25, 688-691	1.9	1
29	Factors affecting recurrence and management of recurrent cerebral aneurysms after initial coiling. <i>Interventional Neuroradiology</i> , 2020 , 26, 300-308	1.9	1
28	Patient-Specific Hemodynamic Analysis for Cerebral Aneurysm 2008 ,		1
27	Pipeline Embolization Device With Adjunctive Coils for the Treatment of Unruptured Large or Giant Vertebrobasilar Aneurysms: A Single-Center Experience. <i>Frontiers in Neurology</i> , 2020 , 11, 522583	4.1	1
26	Endovascular treatment of bilateral intracranial vertebral artery aneurysms: an algorithm based on a 10-year neurointerventional experience. <i>Stroke and Vascular Neurology</i> , 2020 , 5, 291-301	9.1	1
25	Postoperative occlusion degree after flow-diverter placement with adjunctive coiling: analysis of complications. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1

24	Endovascular Treatment of Large or Giant Non-saccular Vertebrobasilar Aneurysms: Pipeline Embolization Devices Versus Conventional Stents. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1253	5.1	1
23	COMPUTATIONAL INVESTIGATION OF THROMBIN CONCENTRATION IN CEREBRAL ANEURYSMS TREATED WITH FLOW-DIVERTING STENTS. <i>Journal of Mechanics in Medicine and Biology</i> , 2019 , 19, 1950007	0.7	1
22	Dynamic contrast-enhanced MRI analysis for prognosis of intracranial dissecting aneurysm with intramural haematoma after endovascular treatment: an observational registry study. <i>Stroke and Vascular Neurology</i> , 2021 , 6, 133-138	9.1	1
21	A novel score for evaluating cerebral aneurysms treated with flow diversion: 4F-flow diversion predictive score. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211039336	6.6	1
20	Significant flow velocity reduction at the intracranial aneurysm neck after endovascular treatment leads to favourable angiographic outcome: a prospective study. <i>Stroke and Vascular Neurology</i> , 2021 , 6, 366-375	9.1	1
19	Hemodynamic simulation of intracranial aneurysm growth with virtual silk stent implantation. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018 , 1-10	2.1	1
18	Pipeline Embolization Device for the Treatment of Ruptured Intracerebral Aneurysms: A Multicenter Retrospective Study. <i>Frontiers in Neurology</i> , 2021 , 12, 675917	4.1	1
17	Pipeline Embolization Device for Intracranial Aneurysms in a Large Chinese Cohort: Complication Risk Factor Analysis. <i>Neurotherapeutics</i> , 2021 , 18, 1198-1206	6.4	1
16	In Reply to the Letter to the Editor "Imaging Classification and Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms". <i>World Neurosurgery</i> , 2017 , 107, 1040	2.1	0
15	Evaluating the TubridgeFlow diverter for large cavernous carotid artery aneurysms. <i>Chinese Neurosurgical Journal</i> , 2020 , 6, 36	1.6	0
14	Technical Failure of Giant Supraclinoid Aneurysm after Internal Carotid Artery Occlusion: A Report of Three Cases. <i>Interventional Neuroradiology</i> , 2014 , 20, 736-742	1.9	0
13	Imbalanced flow changes of distal arteries: An important factor in process of delayed ipsilateral parenchymal hemorrhage after flow diversion in patients with cerebral aneurysms. <i>Interventional Neuroradiology</i> , 2021 , 27, 788-797	1.9	0
12	Nomogram for Stability Stratification of Small Intracranial Aneurysm Based on Clinical and Morphological Risk Factors. <i>Frontiers in Neurology</i> , 2020 , 11, 598740	4.1	0
11	Imaging Features of Symptomatic MCA Stenosis in Patients of Different Ages: A Vessel Wall MR Imaging Study. <i>American Journal of Neuroradiology</i> , 2021 , 42, 1934-1941	4.4	0
10	Mutational spectrum of syndromic genes in sporadic brain arteriovenous malformation.. <i>Chinese Neurosurgical Journal</i> , 2022 , 8, 4	1.6	0
9	Hemodynamics investigation for a giant aneurysm treated by a flow diverter implantation. <i>Bio-Medical Materials and Engineering</i> , 2015 , 26 Suppl 1, S225-31	1	
8	Hemodynamic analysis for endovascular treatment in small unruptured intracranial aneurysms: a matched comparison study of flow diverter versus LVIS. <i>Chinese Neurosurgical Journal</i> , 2021 , 7, 49	1.6	
7	Technical failure of giant supraclinoid aneurysm after internal carotid artery occlusion. A report of three cases. <i>Interventional Neuroradiology</i> , 2014 , 20, 736-42	1.9	

- 6 Safety Evaluation and Flow Modification in the Anterior Cerebral Artery after Pipeline Embolization Device Deployment across the Internal Carotid Artery Terminus. *BioMed Research International*, **2021**, 2021, 6657595 3
- 5 Risk factors for periprocedural ischemic stroke following endovascular treatment of intracranial aneurysms. *Chinese Neurosurgical Journal*, **2021**, 7, 38 1.6
- 4 Association Between Aneurysmal Hemodynamics and Rupture Risk of Unruptured Intracranial Aneurysms.. *Frontiers in Neurology*, **2022**, 13, 818335 4.1
- 3 Incomplete occlusion and visual symptoms of peri-ophthalmic aneurysm after treatment with a pipeline embolization device: a multi-center cohort study.. *Acta Neurochirurgica*, **2022**, 1 3
- 2 Verification of software-based preoperative simulation of flow diverters in clinical cases.. *Interventional Neuroradiology*, **2022**, 15910199221097264 1.9
- 1 Atorvastatin for unruptured intracranial vertebrobasilar dissecting aneurysm (ATREAT-VBD): protocol for a randomised, double-blind, blank-controlled trial.. *BMJ Open*, **2022**, 12, e059616 3