Xinjian Yang

List of Publications by Year in Descending Order

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	Mutational spectrum of syndromic genes in sporadic brain arteriovenous malformation.. *Chinese Neurosurgical Journal*, **2022**, 8, 4	1.6	0
166	Association Between Aneurysmal Hemodynamics and Rupture Risk of Unruptured Intracranial Aneurysms.. *Frontiers in Neurology*, **2022**, 13, 818335	4.1	
165	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	
164	Verification of software-based preoperative simulation of flow diverters in clinical cases.. *Interventional Neuroradiology*, **2022**, 15910199221097264	1.9	
163	Atorvastatin for unruptured intracranial vertebrobasilar dissecting aneurysm (ATREAT-VBD): protocol for a randomised, double-blind, blank-controlled trial.. *BMJ Open*, **2022**, 12, e059616	3	
162	Hemodynamic analysis for endovascular treatment in small unruptured intracranial aneurysms: a matched comparison study of flow diverter versus LVIS. *Chinese Neurosurgical Journal*, **2021**, 7, 49	1.6	
161	Imbalanced flow changes of distal arteries: An important factor in process of delayed ipsilateral parenchymal hemorrhage after flow diversion in patients with cerebral aneurysms. *Interventional Neuroradiology*, **2021**, 27, 788-797	1.9	0
160	Postoperative occlusion degree after flow-diverter placement with adjunctive coiling: analysis of complications. *Journal of NeuroInterventional Surgery*, **2021**,	7.8	1
159	Retreatment With Flow Diverters and Coiling for Recurrent Aneurysms After Initial Endovascular Treatment: A Propensity Score-Matched Comparative Analysis. *Frontiers in Neurology*, **2021**, 12, 625652	4.1	2
158	Dynamic contrast-enhanced MRI analysis for prognosis of intracranial dissecting aneurysm with intramural haematoma after endovascular treatment: an observational registry study. *Stroke and Vascular Neurology*, **2021**, 6, 133-138	9.1	1
157	Exome sequencing of 112 trios identifies recessive genetic variants in brain arteriovenous malformations. *Journal of NeuroInterventional Surgery*, **2021**, 13, 568-573	7.8	5
156	A novel score for evaluating cerebral aneurysms treated with flow diversion: 4F-flow diversion predictive score. *Therapeutic Advances in Neurological Disorders*, **2021**, 14, 17562864211039336	6.6	1
155	Significant flow velocity reduction at the intracranial aneurysm neck after endovascular treatment leads to favourable angiographic outcome: a prospective study. *Stroke and Vascular Neurology*, **2021**, 6, 366-375	9.1	1
154	High-resolution vessel wall magnetic resonance imaging for depicting imaging features of unruptured intracranial vertebrobasilar dissecting aneurysms. *Journal of International Medical Research*, **2021**, 49, 300060520977388	1.4	2
153	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	
152	Risk factors for periprocedural ischemic stroke following endovascular treatment of intracranial aneurysms. *Chinese Neurosurgical Journal*, **2021**, 7, 38	1.6	
151	Imaging Features of Symptomatic MCA Stenosis in Patients of Different Ages: A Vessel Wall MR Imaging Study. *American Journal of Neuroradiology*, **2021**, 42, 1934-1941	4.4	0

150	Effect of Adjusted Antiplatelet Therapy on Preventing Ischemic Events After Stenting for Intracranial Aneurysms. *Stroke*, **2021**, 52, 3815-3825	6.7	2
149	Pipeline Embolization Device for the Treatment of Ruptured Intracerebral Aneurysms: A Multicenter Retrospective Study. *Frontiers in Neurology*, **2021**, 12, 675917	4.1	1
148	Pipeline Embolization Device for Intracranial Aneurysms in a Large Chinese Cohort: Complication Risk Factor Analysis. *Neurotherapeutics*, **2021**, 18, 1198-1206	6.4	1
147	The Impact of Inflow Angle on Aneurysm Hemodynamics: A Simulation Study Based on Patient-Specific Intracranial Aneurysm Models. *Frontiers in Neurology*, **2020**, 11, 534096	4.1	2
146	Evaluating the Tubridge flow diverter for large cavernous carotid artery aneurysms. *Chinese Neurosurgical Journal*, **2020**, 6, 36	1.6	0
145	Stability Assessment of Intracranial Aneurysms Using Machine Learning Based on Clinical and Morphological Features. *Translational Stroke Research*, **2020**, 11, 1287-1295	7.8	9
144	Statin treatment for unruptured intracranial aneurysms study: a study protocol for a double-blind, placebo-controlled trial. *Stroke and Vascular Neurology*, **2020**, 5, 410-415	9.1	6
143	Finite element modeling and simulation of the implantation of braided stent to treat cerebral aneurysm. *Medicine in Novel Technology and Devices*, **2020**, 5, 100031	2.1	3
142	Discrimination of intracranial aneurysm rupture status: patient-specific inflow boundary may not be a must-have condition in hemodynamic simulations. *Neuroradiology*, **2020**, 62, 1485-1495	3.2	3
141	Pediatric Patient With a Giant Vertebrobasilar Dissecting Aneurysm Successfully Treated With Three Pipeline Embolization Devices. *Frontiers in Neurology*, **2020**, 11, 633	4.1	3
140	Factors affecting recurrence and management of recurrent cerebral aneurysms after initial coiling. *Interventional Neuroradiology*, **2020**, 26, 300-308	1.9	1
139	Treatment of true posterior communicating artery aneurysms: Endovascular experience in a single center. *Interventional Neuroradiology*, **2020**, 26, 55-60	1.9	3
138	Risk Factors of Angiographic Recurrence After Endovascular Coil Embolization of Intracranial Saccular Aneurysms: A Retrospective Study Using a Multicenter Database. *Frontiers in Neurology*, **2020**, 11, 1026	4.1	6
137	Pipeline Embolization device for intracranial aneurysms in a large Chinese cohort: factors related to aneurysm occlusion. *Therapeutic Advances in Neurological Disorders*, **2020**, 13, 1756286420967828	6.6	6
136	Pipeline Embolization Device With Adjunctive Coils for the Treatment of Unruptured Large or Giant Vertebrobasilar Aneurysms: A Single-Center Experience. *Frontiers in Neurology*, **2020**, 11, 522583	4.1	1
135	Hemodynamic differences by increasing low profile visualized intraluminal support (LVIS) stent local compaction across intracranial aneurysm orifice. *Interventional Neuroradiology*, **2020**, 26, 557-565	1.9	2
134	Endovascular treatment of bilateral intracranial vertebral artery aneurysms: an algorithm based on a 10-year neurointerventional experience. *Stroke and Vascular Neurology*, **2020**, 5, 291-301	9.1	1
133	Endovascular Treatment of Tiny Aneurysms With Low-Profile Visualized Intraluminal Support Devices Using a "Compressed" Stent Technique. *Frontiers in Neurology*, **2020**, 11, 610126	4.1	2

132	Exome sequencing reveals a novel variant in causing intracranial aneurysm in a Chinese family. *Journal of NeuroInterventional Surgery*, **2020**, 12, 221-226	7.8	4
131	Nomogram for Stability Stratification of Small Intracranial Aneurysm Based on Clinical and Morphological Risk Factors. *Frontiers in Neurology*, **2020**, 11, 598740	4.1	0
130	Novel Models for Identification of the Ruptured Aneurysm in Patients with Subarachnoid Hemorrhage with Multiple Aneurysms. *American Journal of Neuroradiology*, **2019**, 40, 1939-1946	4.4	5
129	The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol of a multi-center registration study in CIAP. *Journal of Translational Medicine*, **2019**, 17, 349	8.5	1
128	Patency of Branch Vessels After Pipeline Embolization: Comparison of Various Branches. *Frontiers in Neurology*, **2019**, 10, 838	4.1	6
127	Recurrence of an internal carotid artery aneurysm after complete exclusion by a Willis covered stent. *Interventional Neuroradiology*, **2019**, 25, 688-691	1.9	1
126	Efficacy of LVIS vs. Enterprise Stent for Endovascular Treatment of Medium-Sized Intracranial Aneurysms: A Hemodynamic Comparison Study. *Frontiers in Neurology*, **2019**, 10, 522	4.1	8
125	Hemodynamic impacts of flow diverter devices on the ophthalmic artery. *Journal of Translational Medicine*, **2019**, 17, 160	8.5	3
124	Relationship between haemodynamic changes and outcomes of intracranial aneurysms after implantation of the pipeline embolisation device: a single centre study. *Interventional Neuroradiology*, **2019**, 25, 671-680	1.9	6
123	Application of the Pipeline Embolization Device for Giant Vertebrobasilar Dissecting Aneurysms in Pediatric Patients. *Frontiers in Neurology*, **2019**, 10, 179	4.1	6
122	Outcomes in Symptomatic Patients With Vertebrobasilar Dolichoectasia Following Endovascular Treatment. *Frontiers in Neurology*, **2019**, 10, 610	4.1	4
121	Patency of Posterior Circulation Branches Covered by Flow Diverter Device: A Hemodynamic Study. *Frontiers in Neurology*, **2019**, 10, 658	4.1	5
120	Hemodynamic Analysis of Postoperative Rupture of Unruptured Intracranial Aneurysms after Placement of Flow-Diverting Stents: A Matched Case-Control Study. *American Journal of Neuroradiology*, **2019**, 40, 1916-1923	4.4	4
119	Endovascular Treatment of Large or Giant Non-saccular Vertebrobasilar Aneurysms: Pipeline Embolization Devices Versus Conventional Stents. *Frontiers in Neuroscience*, **2019**, 13, 1253	5.1	1
118	Variation of Mass Effect After Using a Flow Diverter With Adjunctive Coil Embolization for Symptomatic Unruptured Large and Giant Intracranial Aneurysms. *Frontiers in Neurology*, **2019**, 10, 1191	4.1	6
117	COMPUTATIONAL INVESTIGATION OF THROMBIN CONCENTRATION IN CEREBRAL ANEURYSMS TREATED WITH FLOW-DIVERTING STENTS. *Journal of Mechanics in Medicine and Biology*, **2019**, 19, 1950007	0.7	1
116	225 intracranial aneurysms treated with the Low-profile Visualized Intraluminal Support (LVIS) stent: a single-center retrospective study. *Neurological Research*, **2018**, 40, 445-451	2.7	13
115	miR-23b improves cognitive impairments in traumatic brain injury by targeting ATG12-mediated neuronal autophagy. *Behavioural Brain Research*, **2018**, 340, 126-136	3.4	36

114	Predisposing factors for recanalization of cerebral aneurysms after endovascular embolization: a multivariate study. *Journal of NeuroInterventional Surgery*, **2018**, 10, 252-257	7.8	41
113	Aneurysm wall enhancement on magnetic resonance imaging as a risk factor for progression of unruptured vertebrobasilar dissecting aneurysms after reconstructive endovascular treatment. *Journal of Neurosurgery*, **2018**, 128, 747-755	3.2	11
112	Shear Stress Induces Phenotypic Modulation of Vascular Smooth Muscle Cells via AMPK/mTOR/ULK1-Mediated Autophagy. *Cellular and Molecular Neurobiology*, **2018**, 38, 541-548	4.6	30
111	Suppression of FoxO3a attenuates neurobehavioral deficits after traumatic brain injury through inhibiting neuronal autophagy. *Behavioural Brain Research*, **2018**, 337, 271-279	3.4	18
110	Efficient simulation of a low-profile visualized intraluminal support device: a novel fast virtual stenting technique. *Chinese Neurosurgical Journal*, **2018**, 4, 6	1.6	5
109	Perturbations of BMP/TGF-□and VEGF/VEGFR signalling pathways in non-syndromic sporadic brain arteriovenous malformations (BAVM). *Journal of Medical Genetics*, **2018**, 55, 675-684	5.8	38
108	Whole-exome sequencing reveals known and novel variants in a cohort of intracranial vertebral-basilar artery dissection (IVAD). *Journal of Human Genetics*, **2018**, 63, 1119-1128	4.3	10
107	Hemodynamics in Ruptured Intracranial Aneurysms with Known Rupture Points. *World Neurosurgery*, **2018**, 118, e721-e726	2.1	3
106	China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. *BMJ Open*, **2018**, 8, e019333	3	3
105	A comparative CFD analysis of common carotid fusiform aneurysm in canine models and vertebrobasilar fusiform aneurysm in human patients. *International Angiology*, **2018**, 37, 32-40	2.2	2
104	China Intracranial Aneurysm Project (CIAP): protocol for a registry study on a multidimensional prediction model for rupture risk of unruptured intracranial aneurysms. *Journal of Translational Medicine*, **2018**, 16, 263	8.5	8
103	Hemodynamic simulation of intracranial aneurysm growth with virtual silk stent implantation. *Computer Methods in Biomechanics and Biomedical Engineering*, **2018**, 1-10	2.1	1
102	Stent-Assisted Coiling May Prevent the Recurrence of Very Small Ruptured Intracranial Aneurysms: A Multicenter Study. *World Neurosurgery*, **2017**, 100, 22-29	2.1	11
101	Stenting After Coiling Using a Single Microcatheter for Treatment of Ruptured Intracranial Fusiform Aneurysms with Parent Arteries Less Than 1.5 mm in Diameter. *World Neurosurgery*, **2017**, 99, 809.e7-809.e10	2.1	4
100	MiR-29b Downregulation Induces Phenotypic Modulation of Vascular Smooth Muscle Cells: Implication for Intracranial Aneurysm Formation and Progression to Rupture. *Cellular Physiology and Biochemistry*, **2017**, 41, 510-518	3.9	33
99	Haemodynamic analysis for recanalisation of intracranial aneurysms after endovascular treatment: an observational registry study in China. *BMJ Open*, **2017**, 7, e014261	3	4
98	Neuroprotective effects of miR-27a against traumatic brain injury via suppressing FoxO3a-mediated neuronal autophagy. *Biochemical and Biophysical Research Communications*, **2017**, 482, 1141-1147	3.4	48
97	Endovascular Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms: Outcomes Related to Imaging Classification of 309 Cases. *World Neurosurgery*, **2017**, 98, 444-455	2.1	14

96	In Reply to the Letter to the Editor "Imaging Classification and Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms". *World Neurosurgery*, **2017**, 107, 1040	2.1	0
95	MiR-144 promotes β-amyloid accumulation-induced cognitive impairments by targeting ADAM10 following traumatic brain injury. *Oncotarget*, **2017**, 8, 59181-59203	3.3	23
94	Flow Diversion and Outcomes of Vertebral Fusiform Aneurysms After Stent-Only Treatment: A Hemodynamic Study. *World Neurosurgery*, **2017**, 107, 202-210	2.1	5
93	Quantitative Analysis of Intracranial Vertebrobasilar Dissecting Aneurysm with Intramural Hematoma After Endovascular Treatment Using 3-T High-Resolution Magnetic Resonance Imaging. *World Neurosurgery*, **2017**, 108, 236-243	2.1	2
92	Successful Retreatment of Recurrent Intracranial Vertebral Artery Dissecting Aneurysms After Stent-Assisted Coil Embolization: A Self-Controlled Hemodynamic Analysis. *World Neurosurgery*, **2017**, 97, 344-350	2.1	9
91	Incidence and predictors of headache relief after endovascular treatment in patients with unruptured intracranial aneurysms. *Interventional Neuroradiology*, **2017**, 23, 18-27	1.9	6
90	Risk Factors of Recurrence after Stent(s)-Assisted Coiling of Intracranial Vertebrobasilar Dissecting Aneurysms: A Multicenter Study. *Frontiers in Neurology*, **2017**, 8, 482	4.1	7
89	Clinical, morphological, and hemodynamic independent characteristic factors for rupture of posterior communicating artery aneurysms. *Journal of NeuroInterventional Surgery*, **2016**, 8, 808-12	7.8	28
88	Low wall shear stress is associated with the rupture of intracranial aneurysm with known rupture point: case report and literature review. *BMC Neurology*, **2016**, 16, 231	3.1	27
87	Phantom-based experimental validation of fast virtual deployment of self-expandable stents for cerebral aneurysms. *BioMedical Engineering OnLine*, **2016**, 15, 125	4.1	12
86	LVIS Stent Versus Enterprise Stent for the Treatment of Unruptured Intracranial Aneurysms. *World Neurosurgery*, **2016**, 91, 365-70	2.1	45
85	Hemodynamic Alterations for Various Stent Configurations in Idealized Wide-neck Basilar Tip Aneurysm. *Journal of Medical and Biological Engineering*, **2016**, 36, 379-385	2.2	3
84	Remission of neurovascular conflicts in the cerebellopontine angle in interventional neuroradiology. *Journal of NeuroInterventional Surgery*, **2016**, 8, 87-93	7.8	6
83	Hemodynamic characteristics of large unruptured internal carotid artery aneurysms prior to rupture: a case control study. *Journal of NeuroInterventional Surgery*, **2016**, 8, 367-72	7.8	17
82	Recanalization, Regrowth, and Delayed Rupture of a Previously Coiled Unruptured Anterior Communicating Artery Aneurysm: A Longitudinal Hemodynamic Analysis. *World Neurosurgery*, **2016**, 89, 726.e5-726.e10	2.1	12
81	Effect of hemodynamics on outcome of subtotally occluded paraclinoid aneurysms after stent-assisted coil embolization. *Journal of NeuroInterventional Surgery*, **2016**, 8, 1140-1147	7.8	26
80	A case of two pial arteriovenous fistulas with giant venous pouches treated by endovascular coil embolization: Therapy with and without anticoagulation. *Interventional Neuroradiology*, **2016**, 22, 97-100	1.9	5
79	Risk Score for Neurological Complications After Endovascular Treatment of Unruptured Intracranial Aneurysms. *Stroke*, **2016**, 47, 971-8	6.7	25

78	Hemodynamic Effect of Flow Diverter and Coils in Treatment of Large and Giant Intracranial Aneurysms. *World Neurosurgery*, **2016**, 89, 199-207	2.1	27
77	Virtual stenting workflow with vessel-specific initialization and adaptive expansion for neurovascular stents and flow diverters. *Computer Methods in Biomechanics and Biomedical Engineering*, **2016**, 19, 1423-1431	2.1	33
76	An approach to quantitative assessment of hemodynamic differences between unruptured and ruptured ophthalmic artery aneurysms. *Computer Methods in Biomechanics and Biomedical Engineering*, **2016**, 19, 1456-61	2.1	5
75	Hemodynamic alterations after stent implantation in 15 cases of intracranial aneurysm. *Acta Neurochirurgica*, **2016**, 158, 811-819	3	15
74	Endovascular treatment of ruptured vertebrobasilar dissecting aneurysms: Review of 40 consecutive cases. *Neurology India*, **2016**, 64 Suppl, S52-61	0.7	6
73	Bifurcation Type and Larger Low Shear Area Are Associated with Rupture Status of Very Small Intracranial Aneurysms. *Frontiers in Neurology*, **2016**, 7, 169	4.1	14
72	Rupture Risk Assessment for Mirror Aneurysms with Different Outcomes in the Same Patient. *Frontiers in Neurology*, **2016**, 7, 219	4.1	17
71	Flow diverter effect of LVIS stent on cerebral aneurysm hemodynamics: a comparison with Enterprise stents and the Pipeline device. *Journal of Translational Medicine*, **2016**, 14, 199	8.5	115
70	Fast Virtual Stenting with Active Contour Models in Intracranical Aneurysm. *Scientific Reports*, **2016**, 6, 21724	4.9	9
69	Larger inflow angle and incomplete occlusion predict recanalization of unruptured paraclinoid aneurysms after endovascular treatment. *Interventional Neuroradiology*, **2016**, 22, 383-8	1.9	5
68	Analysis of Multiple Intracranial Aneurysms with Different Outcomes in the Same Patient After Endovascular Treatment. *World Neurosurgery*, **2016**, 91, 399-408	2.1	7
67	Magnetic Resonance Imaging Follow-Up of Large or Giant Vertebrobasilar Dissecting Aneurysms After Total Embolization on Angiography. *World Neurosurgery*, **2016**, 91, 218-27	2.1	10
66	Stent-assisted coiling of very small wide-necked intracranial aneurysms: Complications, anatomical results and clinical outcomes. *Neurologia I Neurochirurgia Polska*, **2016**, 50, 410-417	1	5
65	Enterprise stent-assisted coiling for wide-necked intracranial aneurysms during ultra-early (48hours) subarachnoid hemorrhage: a single-center experience in 59 consecutive patients. *Journal of Neuroradiology*, **2015**, 42, 298-303	3.1	6
64	Endovascular management of giant aneurysms: An introspection. *Neurology India*, **2015**, 63, 184-9	0.7	8
63	Stent alone treatment for dissections and dissecting aneurysms involving the basilar artery. *Journal of NeuroInterventional Surgery*, **2015**, 7, 50-5	7.8	19
62	Cranial Nerve Dysfunction Associated with Cavernous Dural Arteriovenous Fistulas After Transvenous Embolization with Onyx. *CardioVascular and Interventional Radiology*, **2015**, 38, 1162-70	2.7	3
61	Effect of thyroid hormone replacement therapy on cognition in long-term survivors of aneurysmal subarachnoid hemorrhage. *Experimental and Therapeutic Medicine*, **2015**, 10, 369-373	2.1	6

60	A scaling aneurysm model-based approach to assessing the role of flow pattern and energy loss in aneurysm rupture prediction. *Journal of Translational Medicine*, **2015**, 13, 311	8.5	11
59	Hemodynamics investigation for a giant aneurysm treated by a flow diverter implantation. *Bio-Medical Materials and Engineering*, **2015**, 26 Suppl 1, S225-31	1	
58	Morphologic and Hemodynamic Analysis in the Patients with Multiple Intracranial Aneurysms: Ruptured versus Unruptured. *PLoS ONE*, **2015**, 10, e0132494	3.7	52
57	Morphological-Hemodynamic Characteristics of Intracranial Bifurcation Mirror Aneurysms. *World Neurosurgery*, **2015**, 84, 114-120.e2	2.1	28
56	A novel cognitive impairment mechanism that astrocytic p-connexin 43 promotes neuronic autophagy via activation of P2X7R and down-regulation of GLT-1 expression in the hippocampus following traumatic brain injury in rats. *Behavioural Brain Research*, **2015**, 291, 315-324	3.4	29
55	Clinical and Angioarchitectural Risk Factors Associated with Intracranial Hemorrhage in Dural Arteriovenous Fistulas: A Single-Center Retrospective Study. *PLoS ONE*, **2015**, 10, e0131235	3.7	12
54	A geometric scaling model for assessing the impact of aneurysm size ratio on hemodynamic characteristics. *BioMedical Engineering OnLine*, **2014**, 13, 17	4.1	12
53	Imaging investigation of intracranial arterial dissecting aneurysms by using 3 T high-resolution MRI and DSA: from the interventional neuroradiologistsRview. *Acta Neurochirurgica*, **2014**, 156, 515-25	3	53
52	Risk factors for dural arteriovenous fistula intracranial hemorrhage. *Journal of Clinical Neuroscience*, **2014**, 21, 769-72	2.2	14
51	Fast Virtual Stenting With Vessel-Specific Initialization and Collision Detection **2014**,		6
50	Transarterial treatment with Onyx of Cognard type IV anterior cranial fossa dural arteriovenous fistulas. *Journal of NeuroInterventional Surgery*, **2014**, 6, 115-20	7.8	14
49	Influence of morphology and hemodynamic factors on rupture of multiple intracranial aneurysms: matched-pairs of ruptured-unruptured aneurysms located unilaterally on the anterior circulation. *BMC Neurology*, **2014**, 14, 253	3.1	26
48	Genome-wide microRNA changes in human intracranial aneurysms. *BMC Neurology*, **2014**, 14, 188	3.1	52
47	Circulating microRNAs serve as novel biological markers for intracranial aneurysms. *Journal of the American Heart Association*, **2014**, 3, e000972	6	54
46	Clinical and angiographic outcome of endovascular and conservative treatment for giant cavernous carotid artery aneurysms. *Interventional Neuroradiology*, **2014**, 20, 29-36	1.9	10
45	Morphologic and hemodynamic analysis of paraclinoid aneurysms: ruptured versus unruptured. *Journal of NeuroInterventional Surgery*, **2014**, 6, 658-63	7.8	40
44	Retreatment and outcomes of recurrent intracranial vertebral artery dissecting aneurysms after stent assisted coiling: a single center experience. *PLoS ONE*, **2014**, 9, e113027	3.7	11
43	Treatment of symptomatic fusiform aneurysm in basilar artery by stenting following coiling technique. *Turkish Neurosurgery*, **2014**, 24, 44-7	0.8	8

42	Technical Failure of Giant Supraclinoid Aneurysm after Internal Carotid Artery Occlusion: A Report of Three Cases. *Interventional Neuroradiology*, **2014**, 20, 736-742	1.9	0
41	Technical failure of giant supraclinoid aneurysm after internal carotid artery occlusion. A report of three cases. *Interventional Neuroradiology*, **2014**, 20, 736-42	1.9	
40	Characteristics of brain arteriovenous malformations in patients presenting with nonhemorrhagic neurologic deficits. *World Neurosurgery*, **2013**, 79, 484-8	2.1	5
39	Could the types of paraclinoid aneurysm be used as a criterion in choosing endovascular treatment? Neuro-radiologistsRview. *Acta Neurochirurgica*, **2013**, 155, 2019-27	3	10
38	High fidelity virtual stenting (HiFiVS) for intracranial aneurysm flow diversion: in vitro and in silico. *Annals of Biomedical Engineering*, **2013**, 41, 2143-56	4.7	48
37	Endovascular treatment of paraclinoid aneurysms: 142 aneurysms in one centre. *Journal of NeuroInterventional Surgery*, **2013**, 5, 552-6	7.8	36
36	Hemorrhage risk after partial endovascular NBCA and ONYX embolization for brain arteriovenous malformation. *Neurological Research*, **2012**, 34, 552-6	2.7	41
35	Endovascular treatment of cerebral aneurysms associated with arteriovenous malformations. *European Journal of Radiology*, **2012**, 81, 1296-8	4.7	13
34	Influence of hemodynamics on recanalization of totally occluded intracranial aneurysms: a patient-specific computational fluid dynamic simulation study. *Journal of Neurosurgery*, **2012**, 117, 276-83	3.2	55
33	Endovascular embolization for symptomatic perimedullary AVF and intramedullary AVM: a series and a literature review. *Neuroradiology*, **2012**, 54, 349-59	3.2	33
32	Potential proneness of fetal-type posterior cerebral artery to vascular insufficiency in parent vessel occlusion of distal posterior cerebral artery aneurysms. *Journal of Neurosurgery*, **2012**, 117, 284-7	3.2	14
31	Potential advantages and limitations of the Leo stent in endovascular treatment of complex cerebral aneurysms. *European Journal of Radiology*, **2011**, 79, 317-22	4.7	21
30	Complication risk of endovascular embolization for cerebral arteriovenous malformation. *European Journal of Radiology*, **2011**, 80, 776-9	4.7	56
29	Angioarchitectural characteristics of brain arteriovenous malformations with and without hemorrhage. *World Neurosurgery*, **2011**, 76, 95-9	2.1	53
28	Characteristics of arteriovenous malformations associated with cerebral aneurysms. *World Neurosurgery*, **2011**, 76, 288-91	2.1	10
27	Cerebral arteriovenous malformations associated with flow-related and circle of Willis aneurysms. *World Neurosurgery*, **2011**, 76, 455-8	2.1	20
26	Hemodynamic performance of coil embolization and stentassisted coil embolization treatments: a numerical comparative study based on subject-specific models of cerebral aneurysms. *Science China: Physics, Mechanics and Astronomy*, **2011**, 54, 2053-2063	3.6	5
25	Hemodynamic analysis of intracranial aneurysms with daughter blebs. *European Neurology*, **2011**, 66, 359-67	2.1	32

24	Endovascular treatment for cerebral perforating artery aneurysms. *Neurological Research*, **2011**, 33, 553-7	2.7	14
23	High shear stress and flow velocity in partially occluded aneurysms prone to recanalization. *Stroke*, **2011**, 42, 745-53	6.7	94
22	Dural arteriovenous fistula with spinal perimedullary venous drainage. *Neurology India*, **2011**, 59, 899-902	2.7	10
21	Computational haemodynamics in two idealised cerebral wide-necked aneurysms after stent placement. *Computer Methods in Biomechanics and Biomedical Engineering*, **2011**, 14, 927-37	2.1	10
20	Cavernous region dural fistulas with venous drainage of laterocavernous sinus. *Neurology India*, **2011**, 59, 190-4	0.7	4
19	Endovascular treatment using stents for vertebral artery fusiform aneurysms. *Neurological Research*, **2010**, 32, 792-5	2.7	6
18	Endovascular treatment of cerebral aneurysms with the use of stents in small cerebral vessels. *Neurological Research*, **2010**, 32, 119-22	2.7	25
17	Isolated oculomotor nerve palsy in interventional neuroradiology. *European Journal of Radiology*, **2010**, 74, 441-4	4.7	6
16	Recovery of opthalmoplegia associated with cavernous sinus dural arteriovenous fistulas after transvenous cavernous sinus packing. *European Journal of Radiology*, **2010**, 75, 139-42	4.7	5
15	Clinical outcomes of endovascular treatment for intracranial pial arteriovenous fistulas. *World Neurosurgery*, **2010**, 73, 385-90	2.1	27
14	The effect of aneurismal-wall mechanical properties on patient-specific hemodynamic simulations: two clinical case reports. *Acta Mechanica Sinica/Lixue Xuebao*, **2009**, 25, 677-688	2	11
13	Endovascular treatment for pediatric intracranial aneurysms. *Neuroradiology*, **2009**, 51, 749-54	3.2	40
12	Ruptured vertebro-inferoposterior cerebellar artery dissecting aneurysm treated with the Neuroform stent deployment and vertebral artery occlusion. *European Journal of Radiology Extra*, **2009**, 70, e100-e103		12
11	Parent vessel occlusion for P2 dissecting aneurysms of the posterior cerebral artery. *World Neurosurgery*, **2009**, 71, 319-25, discussion 325		24
10	Transcriptome-wide characterization of gene expression associated with unruptured intracranial aneurysms. *European Neurology*, **2009**, 62, 330-7	2.1	42
9	Transarterial embolization of tentorial dural arteriovenous fistulas with onyx 18. *Neuroradiology Journal*, **2008**, 21, 406-14	2	11
8	Patient-Specific Hemodynamic Analysis for Cerebral Aneurysm **2008**,		1
7	Percutaneous Transvenous Embolization of Intracranial Dural Arteriovenous Fistulas with Detachable Coils and/or in Combination with Onyx. *Interventional Neuroradiology*, **2008**, 14, 415-27	1.9	14

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