

# Christoph Griessenauer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

286 papers	3,497 citations	31 h-index	42 g-index
305 ext. papers	4,509 ext. citations	3 avg, IF	5.38 L-index

#	Paper	IF	Citations
286	Sex-specific lesion pattern of functional outcomes after stroke.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac020	4.5	0
285	Transradial versus transfemoral access for embolization of intracranial aneurysms with the Woven EndoBridge device: a propensity score-matched study.. <i>Journal of Neurosurgery</i> , <b>2022</b> , 1-8	3.2	0
284	Glioblastoma Adjacent to Radiosurgically Treated Arteriovenous Malformation: A Case Report and Review of the Literature.. <i>Cureus</i> , <b>2022</b> , 14, e22097	1.2	
283	Commentary: The Importance of the Temporary Clip Removal Phase on Exposure to Hypoxia: On-Line Measurement of Temporal Lobe Oxygen Levels During Surgery for Middle Cerebral Artery Aneurysms.. <i>Neurosurgery</i> , <b>2022</b> , 90,	3.2	0
282	Multicenter Study for the Treatment of Sidewall versus Bifurcation Intracranial Aneurysms with Use of Woven EndoBridge (WEB).. <i>Radiology</i> , <b>2022</b> , 212006	20.5	0
281	CT angiographic radiomics signature for risk stratification in anterior large vessel occlusion stroke.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 34, 103034	5.3	0
280	Transcirculation approach for stent-assisted coiling of intracranial aneurysms: a multicenter study. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> , 13, 711-715	7.8	4
279	International Study of Intracranial Aneurysm Treatment Using Woven EndoBridge: Results of the WorldWideWEB Consortium.. <i>Stroke</i> , <b>2021</b> , STROKEAHA121037609	6.7	1
278	Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> ,	7.8	2
277	Sex-specific association of RAGE and HMGB1 genotype variations with susceptibility to ischemic stroke in Caucasians. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 94, 328-331	2.2	
276	The Superficial Anastomosing Veins of the Human Brain Cortex: A Microneurosurgical Anatomical Study.. <i>Frontiers in Surgery</i> , <b>2021</b> , 8, 817002	2.3	1
275	Preoperative Navigated Transcranial Magnetic Stimulation Improves Gross Total Resection Rates in Patients with Motor-Eloquent High-Grade Gliomas: A Matched Cohort Study. <i>Neurosurgery</i> , <b>2021</b> , 88, 627-636	3.2	5
274	Endovascular reconstruction of iatrogenic internal carotid artery injury following endonasal surgery: a systematic review. <i>Neurosurgical Review</i> , <b>2021</b> , 44, 1797-1804	3.9	3
273	Polygenic Risk Scores Augment Stroke Subtyping. <i>Neurology: Genetics</i> , <b>2021</b> , 7, e560	3.8	8
272	Prediction of Long-Term Stroke Recurrence Using Machine Learning Models. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	6
271	SARS-CoV-2 Is a Culprit for Some, but Not All Acute Ischemic Strokes: A Report from the Multinational COVID-19 Stroke Study Group. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	9
270	Deep Neural Networks Can Predict New-Onset Atrial Fibrillation From the 12-Lead ECG and Help Identify Those at Risk of Atrial Fibrillation-Related Stroke. <i>Circulation</i> , <b>2021</b> , 143, 1287-1298	16.7	33

269	Flared non-flow diverting ends of the FRED flow diverter for cerebral aneurysms facilitate device anchoring at the arterial bifurcation. <i>Neuroradiology Journal</i> , <b>2021</b> , 34, 521-524	2	1
268	Encephaloduroarteriosynangiosis with Dural Inversion for Moyamoya Disease in a Pediatric and Adult Population-a Single-Center 20-Year Experience. <i>World Neurosurgery</i> , <b>2021</b> , 149, e16-e21	2.1	2
267	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. <i>Lancet Neurology</i> , <b>2021</b> , 20, 351-361	24.1	21
266	External Validation of the R2eD AVM Score to Predict the Likelihood of Rupture Presentation of Brain Arteriovenous Malformations. <i>Neurosurgery</i> , <b>2021</b> , 89, 220-226	3.2	2
265	SARS-CoV-2 and Stroke Characteristics: A Report From the Multinational COVID-19 Stroke Study Group. <i>Stroke</i> , <b>2021</b> , 52, e117-e130	6.7	14
264	Venous Thromboembolism Prophylaxis in Elective Neurosurgery: A Survey of Board-Certified Neurosurgeons in the United States and Updated Literature Review. <i>World Neurosurgery</i> , <b>2021</b> , 150, e631-e638	2.1	4
263	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 691244	5.1	2
262	Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> ,	7.8	2
261	Lower complication rates associated with transradial versus transfemoral flow diverting stent placement. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> , 13, 91-95	7.8	32
260	Comparison of PED and FRED flow diverters for posterior circulation aneurysms: a propensity score matched cohort study. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> , 13, 153-158	7.8	3
259	A unique finding of the basilar artery. <i>Surgical and Radiologic Anatomy</i> , <b>2021</b> , 43, 301-303	1.4	0
258	Trends in ischemic stroke outcomes in a rural population in the United States. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 422, 117339	3.2	7
257	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , <b>2021</b> , 89, 1112-1121	3.2	2
256	Commentary: Longitudinal Cost-Profiles of Pipeline Embolization Device Versus Stent-Assisted Coiling in Propensity-Matched Unruptured Small Anterior Circulation Aneurysms. <i>Neurosurgery</i> , <b>2021</b> , 89, E310-E311	3.2	
255	Commentary: Machine Learning-Driven Metabolomic Evaluation of Cerebrospinal Fluid: Insights Into Poor Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2021</b> , 88, E412-E414	3.2	0
254	Ruptured Intracranial Aneurysms Treated with the Pipeline Embolization Device: A Systematic Review and Pooled Analysis of Individual Patient Data. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 720-725	4.4	3
253	PY inhibitors in neuroendovascular surgery: An opportunity for precision medicine. <i>Interventional Neuroradiology</i> , <b>2021</b> , 27, 682-694	1.9	
252	Commentary: Role of Surgical Intervention for Intracranial Dural Arteriovenous Fistulae With Cortical Drainage in an Endovascular Era: A Case Series. <i>Operative Neurosurgery</i> , <b>2021</b> , 20, E391-E392	1.6	

251	Predicting short and long-term mortality after acute ischemic stroke using EHR. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 427, 117560	3.2	2
250	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 700616	4.1	0
249	Perioperative Continuous Noninvasive Arterial Pressure Monitoring for Neuroendovascular Interventions: Prospective Study for Evaluation of the Vascular Unloading Technique. <i>World Neurosurgery</i> , <b>2021</b> , 153, e195-e203	2.1	2
248	Outcomes of Mechanical Thrombectomy in the Early (. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 1979-1985	4.4	1
247	The Pipeline Embolization Device: Changes in Practice and Reduction of Complications in the Treatment of Anterior Circulation Aneurysms in a Multicenter Cohort. <i>Neurosurgery</i> , <b>2020</b> , 86, 266-271	3.2	9
246	Replication of Top Loci From COL4A1/2 Associated With White Matter Hyperintensity Burden in Patients With Ischemic Stroke. <i>Stroke</i> , <b>2020</b> , 51, 3751-3755	6.7	2
245	Multicenter Postmarket Analysis of the Neuroform Atlas Stent for Stent-Assisted Coil Embolization of Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 1037-1042	4.4	3
244	A Survey of Microsurgical Technique for Extracranial-to-Intracranial Bypass. <i>World Neurosurgery</i> , <b>2020</b> , 141, e743-e751	2.1	2
243	The FRED for Cerebral Aneurysms of the Posterior Circulation: A Subgroup Analysis of the EuFRED Registry. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 658-662	4.4	6
242	Experience With the Pipeline Embolization Device for Posterior Circulations Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , <b>2020</b> , 87, 1252-1261	3.2	9
241	Matrix Gla protein polymorphism rs1800801 associates with recurrence of ischemic stroke. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235122	3.7	1
240	The Utility of a Diagnostic Angiogram Following Mechanical Thrombectomy for Treatment of Acute Ischemic Stroke. <i>Clinical Neurology and Neurosurgery</i> , <b>2020</b> , 194, 105842	2	
239	Successful endoluminal reconstruction of a pseudoaneurysm of the internal carotid artery following a transorbital stab injury. <i>Clinical Neurology and Neurosurgery</i> , <b>2020</b> , 194, 105838	2	
238	A Method to Estimate Brain Volume from Head CT Images and Application to Detect Brain Atrophy in Alzheimer Disease. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 224-230	4.4	10
237	Minimally Invasive Removal of Retained Subcutaneous Ventriculoperitoneal Shunt Catheter Using an Endoscopic Vein Harvesting System: A Technical Note. <i>World Neurosurgery</i> , <b>2020</b> , 138, 360-362	2.1	
236	Impact of aneurysm location and endovascular treatment modality on the improvement of headache in patients with unruptured intracranial aneurysms. <i>Journal of Neurosurgical Sciences</i> , <b>2020</b> , 64, 464-467	1.3	
235	Treatment of Ruptured Blister-Like Aneurysms with the FRED Flow Diverter: A Multicenter Experience. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 2280-2284	4.4	1
234	Vertebral artery aneurysms and the risk of cord infarction following spinal artery coverage during flow diversion. <i>Journal of Neurosurgery</i> , <b>2020</b> , 134, 961-970	3.2	4

233	Moyamoya Syndrome in a Patient With Klippel-Trenaunay Syndrome. <i>Cureus</i> , <b>2020</b> , 12, e11906	1.2	
232	Long-term outcome of resuming anticoagulation after anticoagulation-associated intracerebral hemorrhage. <i>ENeurologicalSci</i> , <b>2020</b> , 18, 100222	2.1	1
231	The Reproducibility of Cerebrovascular Randomized Controlled Trials. <i>World Neurosurgery</i> , <b>2020</b> , 140, e46-e52	2.1	0
230	Combined Endovascular and Endoscopic Approach for Treatment of Concomitant Sphenoid Sinus Giant Traumatic Aneurysm and Direct Carotid Cavernous Fistulas. <i>World Neurosurgery</i> , <b>2020</b> , 134, 211-214	2.1	0
229	Commentary: Antiplatelet Therapy in Flow Diversion. <i>Neurosurgery</i> , <b>2020</b> , 86, E231-E233	3.2	3
228	Expanding the Indications for Flow Diversion: Treatment of Posterior Circulation Aneurysms. <i>Neurosurgery</i> , <b>2020</b> , 86, S76-S84	3.2	6
227	Commentary: A Cohort Comparison Analysis of Fixed Pressure Ventriculoperitoneal Shunt Valves With Programmable Valves for Hydrocephalus Following Nontraumatic Subarachnoid Hemorrhage. <i>Operative Neurosurgery</i> , <b>2020</b> , 18, E102-E103	1.6	
226	Flow Diversion for Treatment of Partially Thrombosed Aneurysms: A Multicenter Cohort. <i>World Neurosurgery</i> , <b>2020</b> , 135, e164-e173	2.1	4
225	Olfactory dysfunction in patients undergoing supraorbital keyhole craniotomy for clipping of unruptured aneurysms. <i>Clinical Anatomy</i> , <b>2020</b> , 33, 316-323	2.5	1
224	Utility of platelet function testing in stent-assisted coiling of cerebral aneurysms. <i>Interventional Neuroradiology</i> , <b>2020</b> , 26, 275-282	1.9	3
223	Utility of P2Y Reactive Unit Assessment on Ticagrelor in Cerebral Aneurysms Treated with Intracranial Stenting and Flow Diversion: Cohort Study and Case Report From Two Neurovascular Centers. <i>World Neurosurgery</i> , <b>2020</b> , 142, e445-e452	2.1	0
222	Commentary: Women With First-Hand Tobacco Smoke Exposure Have a Higher Likelihood of Having an Unruptured Intracranial Aneurysm Than Nonsmokers: A Nested Case-Control Study. <i>Neurosurgery</i> , <b>2020</b> , 87, E628-E630	3.2	
221	Cysteine-Altering Variants Are a Risk Factor for Stroke in the Elderly Population. <i>Stroke</i> , <b>2020</b> , 51, 3562-3569	3.6	8
220	Pipeline Embolization in Patients with Posterior Circulation Subarachnoid Hemorrhages: Is Takotsubo Cardiomyopathy a Limiting Factor?. <i>World Neurosurgery</i> , <b>2020</b> , 143, e523-e528	2.1	3
219	Intraoperative 3-Dimensional Rotational Angiography in Cerebrovascular Surgery: A Case Series. <i>World Neurosurgery</i> , <b>2020</b> , 141, e736-e742	2.1	0
218	Anticoagulant Medications and Operative Subdural Hematomas: A Retrospective Cohort Study Evaluating Reoperation Rates. <i>World Neurosurgery</i> , <b>2020</b> , 143, e294-e302	2.1	1
217	Lateralization of inferior petrosal sinus sampling in Cushing's disease correlates with cavernous sinus venous drainage patterns, but not tumor lateralization. <i>Heliyon</i> , <b>2020</b> , 6, e05299	3.6	2
216	Risk of stroke in hospitalized SARS-CoV-2 infected patients: A multinational study. <i>EBioMedicine</i> , <b>2020</b> , 59, 102939	8.8	55

215	Loss of consciousness at onset of aneurysmal subarachnoid hemorrhage in good-grade patients. <i>Neurosurgical Review</i> , <b>2020</b> , 43, 1173-1178	3.9	1
214	Surgical clipping compared to endovascular coiling of ruptured coil able middle cerebral aneurysms: A single-center experience. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , <b>2020</b> , 21, 100708	0.5	
213	Commentary: George Chance and Frank Holdsworth: Understanding Spinal Instability and the Evolution of Modern Spine Injury Classification Systems. <i>Neurosurgery</i> , <b>2020</b> , 86, E519-E520	3.2	
212	Implications of the Collar Sign in Incompletely Occluded Aneurysms after Pipeline Embolization Device Implantation: A Follow-Up Study. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 482-485	4.4	1
211	Matrix Gla protein polymorphism rs1800801 associates with recurrence of ischemic stroke <b>2020</b> , 15, e0235122		
210	Matrix Gla protein polymorphism rs1800801 associates with recurrence of ischemic stroke <b>2020</b> , 15, e0235122		
209	Matrix Gla protein polymorphism rs1800801 associates with recurrence of ischemic stroke <b>2020</b> , 15, e0235122		
208	Matrix Gla protein polymorphism rs1800801 associates with recurrence of ischemic stroke <b>2020</b> , 15, e0235122		
207	Commentary: Surgical Trapping With Revascularization of Concomitant Cervical and Petrous Internal Carotid Artery Aneurysms: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, E244-E245	1.6	
206	Acute Development and Rupture of a Basilar Tip Mycotic Aneurysm. <i>World Neurosurgery</i> , <b>2019</b> ,	2.1	5
205	Commentary: Embolization of a Complex Facial Arteriovenous Malformation, Balloon-Assisted Flow Arrest, and Controlled n-BCA Injection With Dextrose Push Technique: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, E249-E250	1.6	
204	The carotid body and associated tumors: updated review with clinical/surgical significance. <i>British Journal of Neurosurgery</i> , <b>2019</b> , 33, 500-503	1	5
203	In Reply to the Letter to the Editor Regarding "Endovascular Mechanical Thrombectomy in Large-Vessel Occlusion Ischemic Stroke Presenting with Low National Institutes of Health Stroke Scale: Systematic Review and Meta-Analysis". <i>World Neurosurgery</i> , <b>2019</b> , 125, 543	2.1	0
202	Vascular. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, S76-S118	1.6	2
201	Middle Meningeal Artery Embolization for Chronic Subdural Hematomas: Cautious Optimism for a Challenging Pathology. <i>World Neurosurgery</i> , <b>2019</b> , 126, 528-529	2.1	3
200	Evaluation of Radiological Features of the Posterior Communicating Artery and Their Impact on Efficacy of Saccular Aneurysm Treatment with the Pipeline Embolization Device: A Case Series Study. <i>World Neurosurgery</i> , <b>2019</b> , 125, e998-e1007	2.1	3
199	Antiplatelet Medication and Operative Subdural Hematomas: A Retrospective Cohort Study Evaluating Reoperation Rates. <i>World Neurosurgery</i> , <b>2019</b> , 125, e671-e677	2.1	6
198	Risk Factors for Acute Ischemic Stroke Caused by Anterior Large Vessel Occlusion. <i>Stroke</i> , <b>2019</b> , 50, 1074-1080	4.1	20



197	Pial Arteriovenous Fistula with Multiple Venous Aneurysms Resembling a Vein of Galen Aneurysmal Malformation; Case Report and Review of Literature. <i>World Neurosurgery</i> , <b>2019</b> , 127, 245-248	2.1	2
196	Dural Arteriovenous Fistulas with Venous Drainage Patterns Inducing Ocular Manifestations Mimicking a Carotid Cavernous Fistula: Report of 2 Cases. <i>World Neurosurgery</i> , <b>2019</b> , 127, 216-219	2.1	3
195	Commentary: Treatment Strategy of a Patient With a Brain Arteriovenous Malformation and Cranial Dural Fistula. <i>Operative Neurosurgery</i> , <b>2019</b> , 16, E140-E141	1.6	
194	Perioperative olfactory dysfunction in patients with meningiomas of the anteromedial skull base. <i>Clinical Anatomy</i> , <b>2019</b> , 32, 524-533	2.5	9
193	Reduction of cerebral DWI lesion burden after carotid artery stenting using the CASPER stent system. <i>Journal of NeuroInterventional Surgery</i> , <b>2019</b> , 11, 62-67	7.8	18
192	Dural arteriovenous fistulas as a relative contraindication for lumbar puncture: brief report and literature review. <i>British Journal of Neurosurgery</i> , <b>2019</b> , 1-4	1	1
191	Response by Hendrix and Griessenauer to Letter Regarding Article, "Risk Factors for Acute Ischemic Stroke Caused by Anterior Large Vessel Occlusion". <i>Stroke</i> , <b>2019</b> , 50, e238	6.7	
190	Haplotype analysis of SERPINE1 gene: Risk for aneurysmal subarachnoid hemorrhage and clinical outcomes. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e737	2.3	3
189	Flow diverter embolization device for endovascular treatment of ruptured blister and wide necked very small aneurysms. <i>Heliyon</i> , <b>2019</b> , 5, e02241	3.6	7
188	Clinical Risk Score for Predicting Recurrence Following a Cerebral Ischemic Event. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1106	4.1	15
187	Retrospective Analysis from a Chart Review: A Step-by-Step Guide <b>2019</b> , 263-266		
186	Predictive factors of incomplete aneurysm occlusion after endovascular treatment with the Pipeline embolization device. <i>Journal of Neurosurgery</i> , <b>2019</b> , 132, 1598-1605	3.2	17
185	The Carotid Sinus Nerve and the First English Translation of Hering's Original Research on this Nerve. <i>Cureus</i> , <b>2019</b> , 11, e3898	1.2	3
184	Flow Diverters Take an Ever Bigger Piece of the Aneurysm Treatment Pie: But How Do Individual Devices Compare?. <i>World Neurosurgery</i> , <b>2019</b> , 132, 439-440	2.1	
183	Comparison of Pipeline Embolization Device and Flow Re-Direction Endoluminal Device Flow Diverters for Internal Carotid Artery Aneurysms: A Propensity Score-Matched Cohort Study. <i>Neurosurgery</i> , <b>2019</b> , 85, E249-E255	3.2	14
182	Accidental guide catheter fracture in mechanical thrombectomy. <i>Interventional Neuroradiology</i> , <b>2019</b> , 25, 297-300	1.9	2
181	Cerebral Collateral Circulation: A Review in the Context of Ischemic Stroke and Mechanical Thrombectomy. <i>World Neurosurgery</i> , <b>2019</b> , 122, 33-42	2.1	22
180	Commentary: Double-Barrel Extracranial-Intracranial Bypass and Trapping of Dolichoectatic Middle Cerebral Artery Aneurysms: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, E16-E17	1.6	

179	Minimally Invasive Parafascicular Surgery for Resection of Cerebral Cavernous Malformations Utilizing Image-Guided BrainPath System. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, 348-353	1.6	3
178	Patterns of Stroke Transfers and Identification of Predictors for Thrombectomy. <i>World Neurosurgery</i> , <b>2019</b> , 121, e675-e683	2.1	4
177	Pharmacy-Mediated Antiplatelet Management Protocol Compared to One-time Platelet Function Testing Prior to Pipeline Embolization of Cerebral Aneurysms: A Propensity Score-Matched Cohort Study. <i>Neurosurgery</i> , <b>2019</b> , 84, 673-679	3.2	12
176	Flow Diversion for the Treatment of Basilar Apex Aneurysms. <i>Neurosurgery</i> , <b>2018</b> , 83, 1298-1305	3.2	21
175	Self-Reported Headaches in Patients with Unruptured Intracranial Aneurysms Treated with the Pipeline Embolization Device. <i>World Neurosurgery</i> , <b>2018</b> , 113, e364-e372	2.1	4
174	Outcomes After Off-Label Use of the Pipeline Embolization Device for Intracranial Aneurysms: A Multicenter Cohort Study. <i>World Neurosurgery</i> , <b>2018</b> , 115, e200-e205	2.1	30
173	Defining a Clopidogrel Response Cut-Off Value Using Light Transmission Aggregometry Before Pipeline Embolization of Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , <b>2018</b> , 113, e146-e152	2.1	4
172	Endovascular Mechanical Thrombectomy in Large-Vessel Occlusion Ischemic Stroke Presenting with Low National Institutes of Health Stroke Scale: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2018</b> , 110, 263-269	2.1	40
171	Medical Malpractice in Neurosurgery: A Comprehensive Analysis. <i>World Neurosurgery</i> , <b>2018</b> , 110, e552-e559		41
170	The Casper Stent System for carotid artery stenosis. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 869-873	7.8	18
169	In Reply to the Letter to the Editor "Validation of Predictive Scoring System for Ventriculoperitoneal Shunt Insertion After Aneurysmal Subarachnoid Hemorrhage: Statistical and Methodologic Issues". <i>World Neurosurgery</i> , <b>2018</b> , 109, 511	2.1	1
168	PHASES score applied to a prospective cohort of aneurysmal subarachnoid hemorrhage patients. <i>Journal of Clinical Neuroscience</i> , <b>2018</b> , 53, 69-73	2.2	13
167	European Multicenter Study for the Evaluation of a Dual-Layer Flow-Diverting Stent for Treatment of Wide-Neck Intracranial Aneurysms: The European Flow-Redirection Intraluminal Device Study. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 841-847	4.4	45
166	The superior petrosal sinus: a review of anatomy, embryology, pathology, and neurosurgical relevance. <i>Neurosurgical Review</i> , <b>2018</b> , 41, 713-718	3.9	2
165	The Use of Single Stent-Assisted Coiling in Treatment of Bifurcation Aneurysms: A Multicenter Cohort Study With Proposal of a Scoring System to Predict Complete Occlusion. <i>Neurosurgery</i> , <b>2018</b> , 82, 710-718	3.2	12
164	Associations between endothelin polymorphisms and aneurysmal subarachnoid hemorrhage, clinical vasospasm, delayed cerebral ischemia, and functional outcome. <i>Journal of Neurosurgery</i> , <b>2018</b> , 128, 1311-1317	3.2	12
163	A Direct Aspiration First Pass Technique vs Standard Endovascular Therapy for Acute Stroke: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , <b>2018</b> , 83, 19-28	3.2	20
162	Spinal Meninges and Their Role in Spinal Cord Injury: A Neuroanatomical Review. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 403-410	5.4	15



161	International multicentre validation of the arteriovenous malformation-related intracerebral haemorrhage (AVICH) score. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 1163-1166	5.5	11
160	Pipeline Embolization Device with Shield Technology for Intracranial Aneurysms: An Initial U.S. Experience. <i>World Neurosurgery</i> , <b>2018</b> , 119, 10-14	2.1	5
159	Zero-Delay Mechanical Thrombectomy for Distal Large Vessel Occlusion Detected on Intraoperative Angiogram After Microsurgical Clipping of a Posterior Communicating Artery Aneurysm: Value of Hybrid Operating Room. <i>World Neurosurgery</i> , <b>2018</b> , 119, 278-281	2.1	2
158	Microsurgical clipping and endovascular treatment of middle cerebral artery aneurysms in an interdisciplinary treatment concept: Comparison of long-term results. <i>Interventional Neuroradiology</i> , <b>2018</b> , 24, 608-614	1.9	11
157	Antiplatelet Medication Reversal Strategies in Operative Intracranial Hemorrhage: A Survey of Practicing Neurosurgeons. <i>World Neurosurgery</i> , <b>2018</b> , 116, e649-e654	2.1	8
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23	L5 spondylolysis/spondylolisthesis: a comprehensive review with an anatomic focus. <i>Childs Nervous System</i> , <b>2013</b> , 29, 209-16	1.7	20
22	Analysis of single-staged resection of a fourth ventricular tumor via a combined infratentorial-supracerebellar and telovelar approach: Case report and review of the literature. <i>International Journal of Surgery Case Reports</i> , <b>2013</b> , 4, 842-5	0.8	2
21	Hanuman syndrome: a reference to Hindu mythology in cardiothoracic surgery. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 4950	3.2	
20	Vein of Galen aneurysmal malformations: critical analysis of the literature with proposal of a new classification system. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2013</b> , 12, 293-306	2.1	44
19	The relationship between the superior petrosal sinus and the porus trigeminus: an anatomical study. <i>Journal of Neurosurgery</i> , <b>2013</b> , 119, 1221-5	3.2	16
18	Timing and mechanism of ischemic stroke due to extracranial blunt traumatic cerebrovascular injury. <i>Journal of Neurosurgery</i> , <b>2013</b> , 118, 397-404	3.2	48

17	Neurosurgical injuries resulting from the 2011 tornados in Alabama: the experience at the University of Alabama at Birmingham Medical Center. <i>Journal of Neurosurgery</i> , <b>2013</b> , 118, 1356-62	3.2	4
16	Alfred W. Adson (1887-1951): his contributions to surgery for tumors of the spine and spinal cord in the context of spinal tumor surgery in the late 19th and early 20th centuries. <i>Journal of Neurosurgery: Spine</i> , <b>2013</b> , 19, 750-8	2.8	6
15	Posterior interosseous nerve palsy in a child associated with recurrent dislocation of the head of the radius. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2013</b> , 11, 389-91	2.1	7
14	Validation and modification of a predictive model of postresection hydrocephalus in pediatric patients with posterior fossa tumors. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2013</b> , 12, 220-6	2.1	43
13	Long-term change in ventricular size following endoscopic third ventriculostomy for hydrocephalus due to tectal plate gliomas. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2013</b> , 11, 20-5	2.1	17
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11	The artery of Davidoff and Schechter: an anatomical study with neurosurgical case correlates. <i>British Journal of Neurosurgery</i> , <b>2013</b> , 27, 815-8	1	14
10	Encephaloduroarteriosynangiosis (EDAS) For Patients With Sickle Cell Disease. <i>Blood</i> , <b>2013</b> , 122, 999-999	2.2	2
9	Hypertonic saline for treating raised intracranial pressure: literature review with meta-analysis. <i>Journal of Neurosurgery</i> , <b>2012</b> , 116, 210-21	3.2	137
8	The value of hyperbaric oxygen therapy in postoperative care of subarachnoid hemorrhage. <i>Medical Gas Research</i> , <b>2012</b> , 2, 29	2.2	3
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6	Vascular malformations, rare causes of sciatic neuropathy: a case series. <i>Neurosurgery</i> , <b>2010</b> , 67, 1133-42; discussion 1142	3.2	23
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4	Morphometric analysis of the foramen magnum: an anatomic study. <i>Neurosurgery</i> , <b>2010</b> , 66, 385-8; discussion 388	3.2	30
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1	Wireless Instantaneous Neurotransmitter Concentration System-based amperometric detection of dopamine, adenosine, and glutamate for intraoperative neurochemical monitoring. <i>Journal of Neurosurgery</i> , <b>2009</b> , 111, 701-11	3.2	69