

Jan-Karl Burkhardt

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

2,340
citations

218381

26
h-index

301761

39
g-index

138
all docs

138
docs citations

138
times ranked

3197
citing authors

#	ARTICLE	IF	CITATIONS
1	Middle meningeal artery embolization for chronic subdural hematoma in cancer patients with refractory thrombocytopenia. <i>Journal of Neurosurgery</i> , 2022, 136, 1273-1277.	0.9	5
2	Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 709-717.	2.0	5
3	Endoluminal flow diverting stents for middle cerebral artery bifurcation aneurysms: multicenter cohort. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1084-1089.	2.0	8
4	Antiplatelet therapy for standalone coiling of ruptured intracranial aneurysms: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1207-1212.	2.0	4
5	Abstract WP53: Highly Visible Wall-timer To Reduce Endovascular Treatment Time For Stroke. <i>Stroke</i> , 2022, 53, .	1.0	0
6	Safety of Antithrombotic Resumption in Chronic Subdural Hematoma Patients with Middle Meningeal Artery Embolization: A Case Control Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106318.	0.7	7
7	Bailout Strategies for Abrupt Change in Woven Endobridge 17 Device Orientation After Detachments: Technical Note of 2 Anterior Communicating Artery Aneurysm Cases. <i>World Neurosurgery</i> , 2022, 162, 68-72.	0.7	2
8	Correspondence on "Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience". <i>Journal of NeuroInterventional Surgery</i> , 2022, , neurintsurg-2022-018800.	2.0	0
9	The Pennsylvania Postmarket Multicenter Experience With Flow Redirection Endoluminal Device. <i>Neurosurgery</i> , 2022, 91, 280-285.	0.6	4
10	Herniation World Federation of Neurosurgical Societies Scale Improves Prediction of Outcome in Patients With Poor-Grade Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 2346-2351.	1.0	10
11	Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: A Multi-Center Experience of 154 Consecutive Embolizations. <i>Neurosurgery</i> , 2021, 88, 268-277.	0.6	118
12	Development of a Complication- and Treatment-Aware Prediction Model for Favorable Functional Outcome in Aneurysmal Subarachnoid Hemorrhage Based on Machine Learning. <i>Neurosurgery</i> , 2021, 88, E150-E157.	0.6	16
13	Giant intracranial aneurysms: natural history and 1-year case fatality after endovascular or surgical treatment. <i>Journal of Neurosurgery</i> , 2021, 134, 49-57.	0.9	17
14	Comparison of PED and FRED flow diverters for posterior circulation aneurysms: a propensity score matched cohort study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 153-158.	2.0	13
15	Cognitive outcomes after unruptured intracranial aneurysm treatment with endovascular coiling. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 430-433.	2.0	8
16	Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 344-347.	1.0	49
17	Forming the Simmons Catheter for Cerebral Angiography and Neurointerventions via the Transradial Approach"Techniques and Operative Videos. <i>World Neurosurgery</i> , 2021, 147, e351-e353.	0.7	14
18	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , 2021, 89, 1112-1121.	0.6	16

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19	Double-barrel STA-MCA bypass for cerebral revascularization: lessons learned from a 10-year experience. <i>Journal of Neurosurgery</i> , 2021, 135, 1385-1393.	0.9	12
20	Crossing the Carotid Siphon: Techniques to Facilitate Distal Access in Tortuous Anatomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E41-E42.	0.4	1
21	Foramen Magnum Dural Arteriovenous Fistula Presenting With Thoracic Myelopathy: Technical Case Report With 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E55-E59.	0.4	4
22	Distal Access Catheters for Coaxial Radial Access for Posterior Circulation Interventions. <i>World Neurosurgery</i> , 2021, 149, e1001-e1006.	0.7	10
23	Postmarket American Experience With Woven EndoBridge Device: Adjudicated Multicenter Case Series. <i>Neurosurgery</i> , 2021, 89, 275-282.	0.6	12
24	Cavernous Malformation Surgery in the United States: Validation of a Novel International Classification of Disease, 10th Edition, Clinical Modification Code Search Algorithm and Volume-Driven Surgical Outcomes. <i>World Neurosurgery</i> , 2021, 150, e66-e73.	0.7	4
25	$\frac{Ca}{70}$ Optical Qubits. <i>Physical Review Letters</i> , 2021, 127, 130505.	2.9	70
26	Endovascular Transcarotid Artery Revascularization Using the Walrus Balloon Guide Catheter: Preliminary Experience. <i>World Neurosurgery</i> , 2021, 156, e175-e182.	0.7	1
27	Direct Carotid Puncture for Emergent Thrombectomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E126-E127.	0.4	0
28	Microsurgical Clipping Techniques and Outcomes for Paraclinoid Internal Carotid Artery Aneurysms. <i>Operative Neurosurgery</i> , 2020, 18, 183-192.	0.4	21
29	Infection risk in endovascular neurointerventions: a comparative analysis of 549 cases with and without prophylactic antibiotic use. <i>Journal of Neurosurgery</i> , 2020, 132, 797-801.	0.9	8
30	Incidence, classification, and treatment of angiographically occult intracranial aneurysms found during microsurgical aneurysm clipping of known aneurysms. <i>Journal of Neurosurgery</i> , 2020, 132, 434-441.	0.9	6
31	Advances in endovascular neuro-oncology: endovascular selective intra-arterial (ESIA) infusion of targeted biologic therapy for brain tumors. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 197-203.	2.0	18
32	Utility of Immediate Postprocedural Cone Beam Computed Tomography Scan in the Detection of Ischemic and Hemorrhagic Complications in Pediatric Neurointerventional Surgery. <i>World Neurosurgery</i> , 2020, 135, e405-e409.	0.7	2
33	Clinical outcomes after revascularization for pediatric moyamoya disease and syndrome: A single-center series. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 137-143.	0.8	7
34	Comparison of First-Pass Efficacy Among Four Mechanical Thrombectomy Techniques: A Single-Center Experience. <i>World Neurosurgery</i> , 2020, 144, e533-e540.	0.7	10
35	Unruptured Giant Intracranial Aneurysms: Risk Factors for Mortality and Long-Term Outcome. <i>Translational Stroke Research</i> , 2020, 12, 593-601.	2.3	3
36	Commentary: A Cohort Comparison Analysis of Fixed Pressure Ventriculoperitoneal Shunt Valves With Programmable Valves for Hydrocephalus Following Nontraumatic Subarachnoid Hemorrhage. <i>Operative Neurosurgery</i> , 2020, 18, E104-E105.	0.4	1

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37	Trends in academic productivity in the COVID-19 era: analysis of neurosurgical, stroke neurology, and neurointerventional literature. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1049-1052.	2.0	23
38	Dural Substitutes Differentially Interfere with Imaging Quality of Sonolucent Transcranioplasty Ultrasound Assessment in Benchtop Model. <i>World Neurosurgery</i> , 2020, 144, e389-e394.	0.7	2
39	Safety, Feasibility, and Patient-Rated Outcome of Sonolucent Cranioplasty in Extracranial-Intracranial Bypass Surgery to Allow for Transcranioplasty Ultrasound Assessment. <i>World Neurosurgery</i> , 2020, 144, e277-e284.	0.7	19
40	A Survey of Microsurgical Technique for Extracranial-to-Intracranial Bypass. <i>World Neurosurgery</i> , 2020, 141, e743-e751.	0.7	4
41	Early versus Delayed Microsurgical Clipping of Additional Unruptured Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 142, e233-e237.	0.7	1
42	Experience With the Pipeline Embolization Device for Posterior Circulations Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2020, 87, 1252-1261.	0.6	23
43	Quantitative Angiographic Hemodynamic Evaluation After Revascularization Surgery for Moyamoya Disease. <i>Translational Stroke Research</i> , 2020, 11, 871-881.	2.3	23
44	Pipeline Embolization Device for Treatment of Extracranial Internal Carotid Artery Pseudoaneurysms: A Multicenter Evaluation of Safety and Efficacy. <i>Neurosurgery</i> , 2020, 87, 770-778.	0.6	6
45	Feasibility and safety of transradial access for pediatric neurointerventions. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 893-896.	2.0	20
46	Elective Sonolucent Cranioplasty for Real-Time Ultrasound Monitoring of Flow and Patency of an Extra- to Intracranial Bypass. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 622-624.	0.3	17
47	Occipital Artery to Middle Cerebral Artery Bypass Using the Descending Branch of the Lateral Circumflex Femoral Artery as an Interposition Graft for Blood Flow Augmentation in Progressive Moyamoya Disease. <i>World Neurosurgery</i> , 2020, 139, 208-214.	0.7	4
48	Ambulatory neurosurgery in the COVID-19 era: patient and provider satisfaction with telemedicine. <i>Neurosurgical Focus</i> , 2020, 49, E13.	1.0	39
49	Readmission following extracranial-intracranial bypass surgery in the United States: nationwide rates, causes, risk factors, and volume-driven outcomes. <i>Journal of Neurosurgery</i> , 2020, , 1-9.	0.9	7
50	Macrovascular Decompression of Facial Nerve With Anteromedial Transposition of a Dolichoectatic Vertebral Artery: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E4-E4.	0.4	6
51	Measuring the Impact of Delayed Cerebral Ischemia on Neuropsychological Outcome After Aneurysmal Subarachnoid Hemorrhageâ€”Protocol of a Swiss Nationwide Observational Study (MoCAâ€”DCI Study). <i>Neurosurgery</i> , 2019, 84, 1124-1132.	0.6	11
52	Long-term patency in cerebral revascularization surgery: an analysis of a consecutive series of 430 bypasses. <i>Journal of Neurosurgery</i> , 2019, 131, 80-87.	0.9	43
53	Giant intracranial aneurysms of the posterior circulation and their relation to the brainstem: analysis of risk factors for neurological deficits. <i>Journal of Neurosurgery</i> , 2019, 131, 403-409.	0.9	10
54	Clinical implications and radiographic characteristics of the relation between giant intracranial aneurysms of the posterior circulation and the brainstem. <i>Acta Neurochirurgica</i> , 2019, 161, 1747-1753.	0.9	6

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55	Perspective on Safety and Effectiveness of Middle Meningeal Artery Embolization for Chronic Subdural Hematoma. <i>World Neurosurgery</i> , 2019, 127, 97-98.	0.7	7
56	Response by Rumalla and Burkhardt to Letter Regarding Article, "Recent Nationwide Impact of Mechanical Thrombectomy on Decompressive Hemicraniectomy for Acute Ischemic Stroke". <i>Stroke</i> , 2019, 50, e334.	1.0	2
57	Ruptured posterior circulation aneurysms: epidemiology, patterns of care, and outcomes from the Swiss SOS national registry. <i>Acta Neurochirurgica</i> , 2019, 161, 769-779.	0.9	8
58	Recent Nationwide Impact of Mechanical Thrombectomy on Decompressive Hemicraniectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 2133-2139.	1.0	42
59	Endovascular "Boost" External Carotid Angioplasty to Augment Flow Before Superficial Temporal-Middle Cerebral Artery Bypass. <i>World Neurosurgery</i> , 2019, 130, 474-478.	0.7	3
60	Ruptured PICA aneurysms: presentation and treatment outcomes compared to other posterior circulation aneurysms. A Swiss SOS study. <i>Acta Neurochirurgica</i> , 2019, 161, 1325-1334.	0.9	10
61	Microsurgical Clipping of Anterior Choroidal Artery Aneurysms: A Systematic Approach to Reducing Ischemic Complications in an Experience with 146 Patients. <i>Operative Neurosurgery</i> , 2019, 17, 413-423.	0.4	11
62	Superficial temporal artery "to" middle cerebral artery bypass in combination with indirect revascularization in moyamoya patients > 3 years of age. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 198-203.	0.8	18
63	Double-Barrel Extracranial-Intracranial Bypass and Trapping of Dolichoectatic Middle Cerebral Artery Aneurysms: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E14-E15.	0.4	5
64	Left Transsylvian-Transinsular Approach for Radiation-Induced Cavernous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E62-E63.	0.4	1
65	Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. <i>Operative Neurosurgery</i> , 2019, 16, 79-85.	0.4	13
66	National trends in cerebral bypass surgery in the United States, 2002-2014. <i>Neurosurgical Focus</i> , 2019, 46, E4.	1.0	29
67	Patterns of care for ruptured aneurysms of the middle cerebral artery: analysis of a Swiss national database (Swiss SOS). <i>Journal of Neurosurgery</i> , 2019, , 1-10.	0.9	5
68	Factors associated with clinical and radiological status on admission in patients with aneurysmal subarachnoid hemorrhage. <i>Neurosurgical Review</i> , 2018, 41, 1059-1069.	1.2	17
69	Superficial Temporal Artery to Middle Cerebral Artery Bypass in a 1-Year-Old Moyamoya Patient: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E60-E60.	0.4	4
70	Anterior Clinoidectomy and Microsurgical Clipping of a Giant Thrombotic Recurrent Ophthalmic Artery Aneurysm Previously Wrapped and Stent Coiled: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E63-E63.	0.4	2
71	Anterior clinoidectomy using an extradural and intradural 2-step hybrid technique. <i>Journal of Neurosurgery</i> , 2018, 130, 238-247.	0.9	18
72	Contralateral Supracerebellar-Infratentorial Approach for Resection of Thalamic Cavernous Malformations. <i>Operative Neurosurgery</i> , 2018, 15, 404-411.	0.4	12

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73	Timing, severity of deficits, and clinical improvement after surgery for spinal dural arteriovenous fistulas. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 85-91.	0.9	22
74	Combining monoenergetic extrapolations from dual-energy CT with iterative reconstructions: reduction of coil and clip artifacts from intracranial aneurysm therapy. <i>Neuroradiology</i> , 2018, 60, 281-291.	1.1	31
75	The transperiosteal "inside-out" occipital artery harvesting technique. <i>Journal of Neurosurgery</i> , 2018, 130, 207-212.	0.9	20
76	Microsurgical clipping of ophthalmic artery aneurysms: surgical results and visual outcomes with 208 aneurysms. <i>Journal of Neurosurgery</i> , 2018, 129, 1511-1521.	0.9	45
77	Predictors of In-Hospital Death After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 333-340.	1.0	99
78	Extended Retrosigmoid Craniotomy and Clip Occlusion of a Petrosal Tentorial Dural Arteriovenous Fistula (Type 5): Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 200-200.	0.4	1
79	The Transcondylar Approach to Access Symptomatic Arachnoid Cysts of the Hypoglossal Canal. <i>Operative Neurosurgery</i> , 2018, 14, E23-E25.	0.4	2
80	Reductions in brain pericytes are associated with arteriovenous malformation vascular instability. <i>Journal of Neurosurgery</i> , 2018, 129, 1464-1474.	0.9	84
81	Transperisosteal "Inside Out" Occipital Artery Harvest and Occipital Artery-Anterior Inferior Cerebellar Artery Bypass for Vertebrobasilar Ischemia: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 101-101.	0.4	5
82	Editorial. Indication and technique for using the Pipeline embolization device to treat intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2018, 130, 256-258.	0.9	2
83	Management of Early Intraoperative Superficial Temporal Artery to Middle Cerebral Artery Bypass Occlusion in a Moyamoya Patient: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 459-460.	0.4	1
84	Decision-making and neurosurgeons'™ agreement in the management of aneurysmal subarachnoid haemorrhage based on computed tomography angiography. <i>Acta Neurochirurgica</i> , 2018, 160, 253-260.	0.9	4
85	The Barrow Neurological Institute Grading Scale as a Predictor for Delayed Cerebral Ischemia and Outcome After Aneurysmal Subarachnoid Hemorrhage: Data From a Nationwide Patient Registry (Swiss) https://doi.org/10.7843/1494-3007.18001	0.4	1
86	A2 Anterior Cerebral Artery-to-A3 Anterior Cerebral Artery Interpositional Bypass with Radial Artery Graft for a Ruptured Mycotic Fusiform Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 601-601.	0.4	6
87	Combination Superficial Temporal Artery-Middle Cerebral Artery Bypass and M2 "M2 Reanastomosis With Trapping of a Stented Distal Middle Cerebral Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E67-E68.	0.4	4
88	Blood oxygenation level dependent functional assessment of cerebrovascular reactivity: Feasibility for intraoperative 3 Tesla MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 806-813.	1.9	10
89	Computed tomography angiography spot sign predicts intraprocedural aneurysm rupture in subarachnoid hemorrhage. <i>Acta Neurochirurgica</i> , 2017, 159, 1305-1312.	0.9	5
90	Sacral epidural arteriovenous fistulas: imitators of spinal dural arteriovenous fistulas with different pathologic anatomy: report of three cases and review of the literature. <i>Acta Neurochirurgica</i> , 2017, 159, 1087-1092.	0.9	10

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91	Suboccipital Craniotomy and Clip Occlusion of a Precoiled Recurrent Distal Posterior Inferior Cerebellar Artery Aneurysm: Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 761-762.	0.4	0
92	Letter: Endoscopic and Gravity-Assisted Resection of Medial Temporo-occipital Lesions Through a Supracerebellar Transtentorial Approach: Technical Notes With Case Illustrations. <i>Operative Neurosurgery</i> , 2017, 13, E541-E542.	0.4	4
93	Patient-Rated Outcomes of Lumbar Fusion in Patients With Degenerative Disease of the Lumbar Spine. <i>Spine</i> , 2016, 41, 893-900.	1.0	24
94	Preoperative angiotensin converting enzyme inhibitor usage in patients with chronic subdural hematoma: Associations with initial presentation and clinical outcome. <i>Journal of Clinical Neuroscience</i> , 2016, 28, 82-86.	0.8	27
95	Missed Anterior Inferior Cerebellar Artery Aneurysm Mimicking Vestibular Neuritisâ€”Clues to Prevent Misdiagnosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, e231-e232.	0.7	3
96	The influence of intraoperative resection control modalities on survival following gross total resection of glioblastoma. <i>Neurosurgical Review</i> , 2016, 39, 401-409.	1.2	21
97	Indocyanine green videoangiography for the identification of superficial temporal artery branches in EC-IC bypass surgery. <i>Acta Neurochirurgica</i> , 2016, 158, 565-570.	0.9	8
98	Pituitary surgery and volumetric assessment of extent of resection: a paradigm shift in the use of intraoperative magnetic resonance imaging. <i>Neurosurgical Focus</i> , 2016, 40, E17.	1.0	55
99	⁶⁸ Gallium-DOTATATE PET in meningioma: A reliable predictor of tumor growth rate?. <i>Neuro-Oncology</i> , 2016, 18, 1021-1027.	0.6	80
100	A 44-Year Old Male with Right-Sided Facial Numbness. <i>Brain Pathology</i> , 2015, 25, 113-114.	2.1	9
101	Preoperative C-reactive protein predicts the need for repeated intracerebral brain abscess drainage. <i>Clinical Neurology and Neurosurgery</i> , 2015, 131, 26-30.	0.6	10
102	The influence of cervical plate fixation with either autologous bone or cage insertion on radiographic and patient-rated outcomes after two-level anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2015, 24, 113-119.	1.0	18
103	Tight regulation between cell survival and programmed cell death in GBM stem-like cells by EGFR/GSK3b/PP2A signaling. <i>Journal of Neuro-Oncology</i> , 2015, 121, 19-29.	1.4	25
104	Perianeurysmal edema in giant intracranial aneurysms in relation to aneurysm location, size, and partial thrombosis. <i>Journal of Neurosurgery</i> , 2015, 123, 446-452.	0.9	38
105	Quantifying unruptured giant intracranial aneurysms by measuring diameter and volumeâ€”a comparative analysis of 69 cases. <i>Acta Neurochirurgica</i> , 2015, 157, 361-368.	0.9	11
106	Surgical outcomes using a medial-to-lateral endonasal endoscopic approach to pituitary adenomas invading the cavernous sinus. <i>Journal of Neurosurgery</i> , 2014, 120, 1086-1094.	0.9	63
107	High-Frequency Intra-operative Ultrasound-Guided Surgery of Superficial Intra-cerebral Lesions via a Single-Burr-Hole Approach. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1469-1475.	0.7	11
108	Sellar and parasellar lesions â€” Clinical outcome in 61 children. <i>Clinical Neurology and Neurosurgery</i> , 2014, 123, 102-108.	0.6	14

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109	Brainstem cavernoma surgery with the support of pre- and postoperative diffusion tensor imaging: initial experiences and clinical course of 23 patients. <i>Neurosurgical Review</i> , 2014, 37, 481-492.	1.2	43
110	Surgical treatment of tentorial dural arteriovenous fistulae located around the tentorial incisura. <i>Neurosurgical Review</i> , 2013, 36, 429-435.	1.2	8
111	Intraoperative low-field MR-guided frameless stereotactic biopsy for intracerebral lesions. <i>Acta Neurochirurgica</i> , 2013, 155, 721-726.	0.9	20
112	Endovascular management of intracranial dural arteriovenous fistulas: A review. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 241-251.	0.6	30
113	Surgical resection of pediatric skull base meningiomas. <i>Child's Nervous System</i> , 2013, 29, 83-87.	0.6	16
114	Excessively elevated C-reactive protein after surgery for temporal lobe epilepsy. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1245-1249.	0.6	3
115	Hydrocephalus in 389 patients with aneurysm-associated subarachnoid hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 824-826.	0.8	44
116	Meteorological Influences on the Incidence of Aneurysmal Subarachnoid Hemorrhage – A Single Center Study of 511 Patients. <i>PLoS ONE</i> , 2013, 8, e81621.	1.1	9
117	Response. <i>Neurosurgical Focus</i> , 2013, 35, E8.	1.0	1
118	Aesthetic outcome in patients after polymethyl-methacrylate (PMMA) cranioplasty – a questionnaire-based single-centre study. <i>Neurological Research</i> , 2012, 34, 281-285.	0.6	25
119	Neurosurgical considerations on highly eloquent brainstem cavernomas during pregnancy. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 1172-1176.	0.6	15
120	Orthotopic glioblastoma stem-like cell xenograft model in mice to evaluate intra-arterial delivery of bevacizumab: From bedside to bench. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1568-1572.	0.8	32
121	Protein Phosphatase 2A Mediates Dormancy of Glioblastoma Multiforme-Derived Tumor Stem-Like Cells during Hypoxia. <i>PLoS ONE</i> , 2012, 7, e30059.	1.1	55
122	Interdisciplinary endoscopic assisted surgery of a patient with a complete transorbital intracranial impalement through the dominant hemisphere. <i>Child's Nervous System</i> , 2012, 28, 951-954.	0.6	6
123	Intra-operative high frequency ultrasound improves surgery of intramedullary cavernous malformations. <i>Neurosurgical Review</i> , 2012, 35, 269-275.	1.2	18
124	Resection of pediatric intracerebral tumors with the aid of intraoperative real-time 3-D ultrasound. <i>Child's Nervous System</i> , 2012, 28, 101-109.	0.6	34
125	Magnesium and the inflammatory response: potential pathophysiological implications in the management of patients with aneurysmal subarachnoid hemorrhage?. <i>Magnesium Research</i> , 2012, 25, 64-71.	0.4	8
126	Acute recurrent haemorrhage of an intracranial meningioma. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 992-993.	0.8	8

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127	Neurosurgical venous considerations for tumors of the pineal region resected using the infratentorial supracerebellar approach. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1481-1485.	0.8	55
128	Do Iatrogenic Factors Bias the Placement of External Ventricular Catheters? -A Single Institute Experience and Review of the Literature-. <i>Neurologia Medico-Chirurgica</i> , 2011, 51, 180-186.	1.0	32
129	Small Supratentorial, Extraaxial Primitive Neuroectodermal Tumor Causing Large Intracerebral Hematoma -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2011, 51, 441-444.	1.0	7
130	Glioblastoma Stem-Like Cells – Biology and Therapeutic Implications. <i>Cancers</i> , 2011, 3, 2655-2666.	1.7	33
131	Cost analysis of intra-arterial versus intra-venous delivery of bevacizumab for the treatment of recurrent glioblastoma multiforme. <i>Journal of Experimental Therapeutics and Oncology</i> , 2011, 9, 183-6.	0.5	9
132	Neurosurgical education in Europe and the United States of America. <i>Neurosurgical Review</i> , 2010, 33, 409-417.	1.2	32
133	Failure of a Torkildsen shunt after functioning for 50 years. <i>Journal of Neurosurgery</i> , 2010, 112, 796-799.	0.9	3
134	Upregulation of transmembrane endothelial junction proteins in human cerebral cavernous malformations. <i>Neurosurgical Focus</i> , 2010, 29, E3.	1.0	12
135	Real-time RT-PCR discriminating mRNA encoding osteocalcin from unspecific targets. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1351-1355.	1.9	3