

Salah G Aoun

List of Publications by Year in Descending Order

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Version: 2024-04-29

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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.

135
papers

2,040
citations

20
h-index

43
g-index

157
ext. papers

2,695
ext. citations

2.7
avg, IF

4.47
L-index

#	Paper	IF	Citations
135	Leptomeningeal Metastases of the Spine: A Systematic Review.. <i>Anticancer Research</i> , 2022 , 42, 619-628	2.3	0
134	Development and Internal Validation of the Postoperative Analgesic Intake Needs Score: A Predictive Model for Post-Operative Narcotic Requirement after Spine Surgery.. <i>Global Spine Journal</i> , 2022 , 21925682211072490	2.7	1
133	Psoas Muscle Index as a Predictor of Perioperative Outcomes in Geriatric Patients Undergoing Spine Surgery.. <i>Global Spine Journal</i> , 2022 , 21925682211072626	2.7	0
132	Posterior epidural intervertebral disc migration and sequestration: A systematic review.. <i>Journal of Clinical Neuroscience</i> , 2022 , 98, 115-126	2.2	0
131	Household Income as a Predictor for Surgical Outcomes and Opioid Use After Spine Surgery in the United States.. <i>Global Spine Journal</i> , 2022 , 21925682211070823	2.7	1
130	Cerebrovascular surgery: from the Wild West through the endovascular revolution. The M. Gazi Yařrgil Lecture at the American Association of Neurological Surgeons 2021 Annual Scientific Meeting.. <i>Journal of Neurosurgery</i> , 2022 , 1-5	3.2	
129	Intradural Cauda Equina Metastases: A Systematic Review of Clinico-radiological Features, Management, and Treatment Outcomes.. <i>Anticancer Research</i> , 2022 , 42, 1661-1669	2.3	
128	A Comparative Analysis of Frailty, Disability, and Sarcopenia With Patient Characteristics and Outcomes in Adult Spinal Deformity Surgery.. <i>Global Spine Journal</i> , 2022 , 21925682221082053	2.7	0
127	Radiofrequency ablation for spinal osteoid osteoma: A systematic review of safety and treatment outcomes.. <i>Surgical Oncology</i> , 2022 , 41, 101747	2.5	1
126	Open Paddle Lead Trial for Spinal Cord Stimulation: An Institutional Experience.. <i>Pain Physician</i> , 2022 , 25, E37-E42	1.8	
125	Percutaneous screw fixation versus open fusion for the treatment of traumatic thoracolumbar fractures: A retrospective case series of 185 Patients with a single-level spinal column injury.. <i>Journal of Clinical Neuroscience</i> , 2022 , 101, 47-51	2.2	0
124	Postoperative Transfusion Guidelines in Aneurysmal Cerebral Subarachnoid Hemorrhage: A Systematic Review and Critical Summary of Currently Available Evidence. <i>World Neurosurgery</i> , 2021 , 158, 234-234	2.1	
123	The Role of Immune Checkpoint Inhibitors in Leptomeningeal Disease: A Systematic Review. <i>Anticancer Research</i> , 2021 , 41, 5333-5342	2.3	2
122	Large Animal Models of Glioma: Current Status and Future Prospects. <i>Anticancer Research</i> , 2021 , 41, 5343-5353	2.3	5
121	Genetic and serum markers in adult degenerative scoliosis: a literature review. <i>Spine Deformity</i> , 2021 , 1	2	0
120	Thalamic gliomas in adults: a systematic review of clinical characteristics, treatment strategies, and survival outcomes. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 215-224	4.8	5
119	Percutaneous image-guided cryoablation of spinal metastases: A systematic review. <i>Journal of Clinical Neuroscience</i> , 2021 ,	2.2	2

118	Anisocoria Correlates With Injury Severity and Outcomes After Blunt Traumatic Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2021 , 53, 251-255	1.5	0
117	Commentary: Hemifacial Spasm: Endoscopic Assistance in Facial Nerve Decompression With Lateral Spread Response Corroboration: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E129-E130	1.6	1
116	Perioperative Optimization of Senior Health in Spine Surgery: Impact on Postoperative Delirium. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 1240-1248	5.6	3
115	Enhanced Recovery After Surgery Reduces Postoperative Opioid Use and 90-Day Readmission Rates After Open Thoracolumbar Fusion for Adult Degenerative Deformity. <i>Neurosurgery</i> , 2021 , 88, 295-300	3.3	13
114	Microwave Ablation as a Treatment for Spinal Metastatic Tumors: A Systematic Review. <i>World Neurosurgery</i> , 2021 , 148, 15-23	2.1	7
113	Primary and radiation induced skull base osteosarcoma: a systematic review of clinical features and treatment outcomes. <i>Journal of Neuro-Oncology</i> , 2021 , 153, 183-202	4.8	2
112	Automated Pupillometry as a Triage and Assessment Tool in Patients with Traumatic Brain Injury. <i>World Neurosurgery</i> , 2021 , 145, e163-e169	2.1	11
111	Bertolotti Syndrome With Articulated L5 Transverse Process Causing Intractable Back Pain: Surgical Video Showcasing a Minimally Invasive Approach for Disconnection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E219-E220	1.6	0
110	Comparison of the effect of epidural versus intravenous patient controlled analgesia on inpatient and outpatient functional outcomes after adult degenerative scoliosis surgery: a comparative study. <i>Spine Journal</i> , 2021 , 21, 765-771	4	1
109	Delayed Cranial Nerve Palsies and Chiari Type I Malformation After Epidural Anesthesia in the Setting of Childbirth. <i>Cureus</i> , 2021 , 13, e12871	1.2	
108	Commentary: Machine Learning-Driven Metabolomic Evaluation of Cerebrospinal Fluid: Insights Into Poor Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2021 , 88, E410-E411	3.2	
107	Compressive Cervical Myelopathy in Patients With Demyelinating Disease of the Central Nervous System: Improvement After Surgery Despite a Late Diagnosis. <i>Cureus</i> , 2021 , 13, e13161	1.2	1
106	Transfusion guidelines in adult spine surgery: a systematic review and critical summary of currently available evidence. <i>Spine Journal</i> , 2021 ,	4	3
105	Surgical Site Infection After Autologous Cranioplasty for Decompressive Craniectomy in Traumatic Brain Injury: A Retrospective Review of Two Level 1 Trauma Centers. <i>Journal of Craniofacial Surgery</i> , 2021 , 32, 2728-2731	1.2	0
104	Bevacizumab vs laser interstitial thermal therapy in cerebral radiation necrosis from brain metastases: a systematic review and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021 , 154, 13-23	4.8	6
103	RADI-14. Bevacizumab vs Laser Interstitial Thermal Therapy in radiation necrosis from brain metastases: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2021 , 3, iii20-iii21	0.9	
102	Perioperative Factors Associated With Chronic Opioid Use After Spine Surgery. <i>Global Spine Journal</i> , 2021 , 21925682211035723	2.7	3
101	The Clinical Use of Serum Biomarkers in Traumatic Brain Injury: A Systematic Review Stratified by Injury Severity. <i>World Neurosurgery</i> , 2021 , 155, e418-e438	2.1	3

100	Iodine-125 radioactive seed brachytherapy as a treatment for spine and bone metastases: A systematic review and meta-analysis. <i>Surgical Oncology</i> , 2021 , 38, 101618	2.5	1
99	Commentary: Clinical Characteristics, Course, and Outcomes of Vertebral Artery Dissections in the Postpartum Period. <i>Neurosurgery</i> , 2021 , 89, E325-E326	3.2	
98	Rathke cleft cyst with size fluctuation: A systematic literature review and case illustration. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021 , 25, 101198	0.5	1
97	Aggressively recurring cervical intramedullary anaplastic astrocytoma in a pregnant patient. <i>Surgical Neurology International</i> , 2021 , 12, 466	1	
96	Impact of Insurance Provider on Postoperative Hospital Length of Stay After Spine Surgery. <i>World Neurosurgery</i> , 2021 , 156, e351-e358	2.1	1
95	Quantitative pupillometry in patients with traumatic brain injury and loss of consciousness: A prospective pilot study. <i>Journal of Clinical Neuroscience</i> , 2021 , 91, 88-92	2.2	1
94	Evaluating the Impact of Psychiatric Disorders on Preoperative Pain Ratings, Narcotics Use, and the PROMIS-29 Quality Domains in Spine Surgery Candidates. <i>Cureus</i> , 2021 , 13, e12768	1.2	
93	Commentary: Hybrid Therapy (Surgery and Radiosurgery) for the Treatment of Renal Cell Carcinoma Spinal Metastases.. <i>Neurosurgery</i> , 2021 , 90,	3.2	
92	Biplane Fluoroscopic-Guided Balloon Rhizotomy for Trigeminal Neuralgia: A Technical Note. <i>Operative Neurosurgery</i> , 2020 , 18, 295-301	1.6	1
91	Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study. <i>Lancet, The</i> , 2020 , 396, 27-38	4.0	831
90	The Hydrogel Endovascular Aneurysm Treatment Trial (HEAT): A Randomized Controlled Trial of the Second-Generation Hydrogel Coil. <i>Neurosurgery</i> , 2020 , 86, 615-624	3.2	14
89	Systematic Review and Meta-Analysis of Management Strategies and Outcomes in Adult Spinal Neurocysticercosis. <i>World Neurosurgery</i> , 2020 , 138, 504-511.e8	2.1	2
88	Recent advances in understanding and managing chordomas: an update. <i>F1000Research</i> , 2020 , 9,	3.6	5
87	Smoking has a dose-dependent effect on the incidence of preoperative opioid consumption in female geriatric patients with spine disease. <i>Journal of Clinical Neuroscience</i> , 2020 , 81, 173-177	2.2	1
86	The effectiveness of tranexamic acid on operative and perioperative blood loss in long-segment spinal fusions: a consecutive series of 119 primary procedures. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-7	2.8	3
85	Does endovascular therapy change outcomes in nonagenarians with acute ischemic stroke?. <i>Journal of Clinical Neuroscience</i> , 2020 , 78, 207-210	2.2	2
84	Retrieval of an Intracranially Migrated Dental Injection Needle Through the Foramen Ovale: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 19, E168	1.6	2
83	The Use of 5-Aminolevulinic Acid in Low-Grade Glioma Resection: A Systematic Review. <i>Operative Neurosurgery</i> , 2020 , 19, 1-8	1.6	3

82	Resection of a Symptomatic Dysplastic Cerebellar Gangliocytoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 19, E178	1.6	
81	Intramedullary Spinal Metastatic Renal Cell Carcinoma: Systematic Review of Disease Presentation, Treatment, and Prognosis with Case Illustration. <i>World Neurosurgery</i> , 2020 , 134, 584-593	2.1	3
80	Electronic Communication Patterns Could Reflect Preoperative Anxiety and Serve as an Early Complication Warning in Elective Spine Surgery Patients with Affective Disorders: A Retrospective Analysis of a Cohort of 1199 Elective Spine Patients. <i>World Neurosurgery</i> , 2020 , 141, e888-e893	2.1	1
79	Commentary: Microsurgical Treatment of Unruptured Anterior Communicating Artery Aneurysms: Approaches and Outcomes in a Large Contemporary Series and Review of the Literature. <i>Operative Neurosurgery</i> , 2020 , 19, E564-E565	1.6	1
78	Extraneural metastatic anaplastic ependymoma: a systematic review and a report of metastases to bilateral parotid glands. <i>Neuro-Oncology Practice</i> , 2020 , 7, 218-227	2.2	6
77	Tumoral Mimics of Subdural Hematomas: Case Report and Review of Diagnostic and Management Strategies in Primary B-Cell Lymphoma of the Subdural Space. <i>World Neurosurgery</i> , 2020 , 133, 49-54	2.1	5
76	Minimally Invasive Endoscopic Aspiration of a Spinal Epidural Dermoid Cyst Extending From T10 to the Sacrum: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 18, E172	1.6	0
75	H3 K27M Mutations in Thalamic Pilocytic Astrocytomas with Anaplasia. <i>World Neurosurgery</i> , 2019 ,	2.1	6
74	Fractionated CyberKnife Stereotactic Radiotherapy for Periopic Pituitary Adenomas. <i>World Neurosurgery</i> , 2019 , 126, e1359-e1364	2.1	3
73	Correlation of Objective Pupillometry to Midline Shift in Acute Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 1902-1910	2.8	20
72	Autofluorescence Technology in Glioblastoma Resection: Evolution of New Tool and Approach. <i>World Neurosurgery</i> , 2019 , 126, 139-141	2.1	
71	Current concepts and recent advances in understanding and managing lumbar spine stenosis. <i>F1000Research</i> , 2019 , 8,	3.6	22
70	Oculomotor Schwannomas: A Systematic Review and Report of Two Pediatric Cases Treated with Fractionated Cyberknife Stereotactic Radiotherapy. <i>World Neurosurgery</i> , 2019 , 129, 487-496	2.1	3
69	Ventriculoperitoneal Shunt Outcomes of Normal Pressure Hydrocephalus: A Case Series of 116 Patients. <i>Cureus</i> , 2019 , 11, e4170	1.2	8
68	Lumbar drain trial outcomes of normal pressure hydrocephalus: a single-center experience of 254 patients. <i>Journal of Neurosurgery</i> , 2019 , 132, 306-312	3.2	6
67	Clinical outcomes of normal pressure hydrocephalus in 116 patients: objective versus subjective assessment. <i>Journal of Neurosurgery</i> , 2019 , 132, 1757-1763	3.2	7
66	Resection of an Intramedullary Glomus-type Arteriovenous Malformation of the Conus Medullaris: Technical Note and Step-by-step Surgical Video. <i>Cureus</i> , 2019 , 11, e4022	1.2	
65	The Use of Prone Magnetic Resonance Imaging to Rule Out Tethered Cord in Patients With Structural Spine Anomalies: A Diagnostic Technical Note for Surgical Decision-making. <i>Cureus</i> , 2019 , 11, e4221	1.2	1

64	Traumatic Lumbar Interdural Cyst with Intradural Expansion and Compression of the Cauda Equina: Case Report and Surgical Video. <i>Cureus</i> , 2019 , 11, e4824	1.2	
63	Prediction of Outcomes for Ruptured Aneurysm Surgery. <i>Stroke</i> , 2019 , 50, 595-601	6.7	3
62	Hypoglossal schwannomas: A systematic review of the literature. <i>Journal of Clinical Neuroscience</i> , 2019 , 62, 162-173	2.2	14
61	Objective Pupillometry as an Adjunct to Prediction and Assessment for Oculomotor Nerve Injury and Recovery: Potential for Practical Applications. <i>World Neurosurgery</i> , 2019 , 121, e475-e480	2.1	7
60	Detection of delayed cerebral ischemia using objective pupillometry in patients with aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2019 , 132, 27-32	3.2	14
59	Embolization of brain arteriovenous malformations with intent to cure: a systematic review. <i>Journal of Neurosurgery</i> , 2019 , 132, 388-399	3.2	25
58	Milrinone-Associated Cardiomyopathy and Arrhythmia in Cerebral Vasospasm. <i>World Neurosurgery</i> , 2018 , 114, 252-256	2.1	5
57	Brain Arteriovenous Malformations and Arteriovenous Fistulas. <i>Journal of Neuroscience Nursing</i> , 2018 , 50, 62-62	1.5	
56	Dermoid cysts of the conus medullaris: Clinical review, case series and management strategies. <i>Journal of Clinical Neuroscience</i> , 2018 , 50, 247-251	2.2	5
55	Reversible thoracic myelopathy after surgical decompression and removal of paddle neurostimulator lead and encasing fibrosis: Technical video case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018 , 11, 29-30	0.5	
54	Osteodiskitis of Lumbar Spine Due to Migrated Fractured Inferior Vena Cava Filter. <i>World Neurosurgery</i> , 2018 , 113, 298-303	2.1	1
53	Isolated Dorsal Thoracic Neuroenteric Cyst with Spinal Cord Compression: Case Reports in Pediatrics. <i>World Neurosurgery</i> , 2018 , 118, 296-300	2.1	3
52	Intradural Juvenile Xanthogranuloma with Involvement of Multiple Nerve Roots: A Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2018 , 119, 189-196	2.1	1
51	Four-Level Vertebrectomy for En Bloc Resection of a Cervical Chordoma. <i>World Neurosurgery</i> , 2018 , 118, 316-323	2.1	8
50	Intraneural Posterior Interosseous Nerve Lipoma with Complete Paralysis: Case Report and Review of the Literature. <i>Cureus</i> , 2018 , 10, e2689	1.2	5
49	Adding Expansile Duraplasty to Posterior Fossa Decompression May Restore Cervical Range of Motion in Grade 3 Chiari Malformation Type 1 Patients. <i>World Neurosurgery</i> , 2017 , 98, 98-103	2.1	4
48	Contribution of whole platelet aggregometry to the endovascular management of unruptured aneurysms: an institutional experience. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 974-977	7.8	3
47	Neurosurgical Training: A Process, Not an Event. <i>World Neurosurgery</i> , 2017 , 104, 996-998	2.1	0

46	Spinal Cord Compression Secondary to Epidural Fibrosis Associated with Percutaneously Placed Spinal Cord Stimulation Electrodes: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2017 , 104, 1051.e1-1051.e5	2.1	9
45	Assessment of the Interrater Reliability of the Congress of Neurological Surgeons Microanastomosis Assessment Scale. <i>Operative Neurosurgery</i> , 2017 , 13, 108-112	1.6	4
44	Transcallosal-transchoroidal Fissure Approach for Resection of Third Ventricle Cavernous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017 , 13, 398	1.6	3
43	Risk of Shunting After Aneurysmal Subarachnoid Hemorrhage: A Collaborative Study and Initiation of a Consortium. <i>Stroke</i> , 2016 , 47, 2488-96	6.7	47
42	Migration of a Ventriculoperitoneal Shunt into the Pulmonary Vasculature: Case Report, Review of the Literature, and Surgical Pearls. <i>World Neurosurgery</i> , 2016 , 92, 585.e5-585.e11	2.1	12
41	Postoperative complications of spine surgery. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2016 , 30, 103-20	4	23
40	Recent advances in understanding and managing chordomas. <i>F1000Research</i> , 2016 , 5, 2902	3.6	7
39	Microsurgical Treatment of Previously Coiled Intracranial Aneurysms: Systematic Review of the Literature. <i>World Neurosurgery</i> , 2015 , 84, 246-53	2.1	18
38	A pilot study to assess the construct and face validity of the Northwestern Objective Microanastomosis Assessment Tool. <i>Journal of Neurosurgery</i> , 2015 , 123, 103-9	3.2	23
37	Ruptured spinal artery aneurysm associated with coarctation of the aorta. <i>World Neurosurgery</i> , 2014 , 81, 441.e17-22	2.1	15
36	Are knowledge gaps an expected result of the current culture of neurosurgical resident training?. <i>World Neurosurgery</i> , 2014 , 81, 247-9	2.1	2
35	Clipping of previously coiled aneurysms: a challenge for the new generation. <i>World Neurosurgery</i> , 2014 , 82, e83-4	2.1	
34	Enhancement of the subtemporal approach by partial posterosuperior petrosectomy with hearing preservation. <i>Neurosurgery</i> , 2014 , 10 Suppl 2, 191-9; discussion 199	3.2	3
33	Comparison of symptomatic cerebral spinal fluid leak between patients undergoing minimally invasive versus open lumbar foraminotomy, discectomy, or laminectomy. <i>World Neurosurgery</i> , 2014 , 81, 634-40	2.1	38
32	Arteriovenous Malformations (AVM), Surgical Treatment of 2014 , 281-284		
31	New-generation oral anticoagulants for the prevention of stroke: implications for neurosurgery. <i>Journal of Clinical Neuroscience</i> , 2013 , 20, 1350-6	2.2	8
30	The role of simulation in neurosurgical education: a survey of 99 United States neurosurgery program directors. <i>World Neurosurgery</i> , 2013 , 80, e1-8	2.1	95
29	Standardizing the evaluation of scientific and academic performance in neurosurgery--critical review of the "h" index and its variants. <i>World Neurosurgery</i> , 2013 , 80, e85-90	2.1	57

28	Incorporation of extruded coils into the third nerve in association with third nerve palsy. <i>Journal of Clinical Neuroscience</i> , 2013 , 20, 1299-302	2.2	11
27	Spontaneous cervical and cerebral arterial dissections: diagnosis and management. <i>Neuroimaging Clinics of North America</i> , 2013 , 23, 661-71	3	29
26	How to identify the edge of a cliff in the dark: burnout and neurosurgery. <i>World Neurosurgery</i> , 2013 , 80, e1111-3	2.1	8
25	Surgical treatment of elevated intracranial pressure: decompressive craniectomy and intracranial pressure monitoring. <i>Neurosurgery Clinics of North America</i> , 2013 , 24, 375-91	4	12
24	Cerebral arteriovenous malformation: complex 3D hemodynamics and 3D blood flow alterations during staged embolization. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 38, 946-50	5.6	23
23	Minimally invasive resection of a high-thoracic intradural extramedullary tumor: an operative 3-D video. <i>Operative Neurosurgery</i> , 2013 , 73, ons1	1.6	3
22	Microsurgical treatment of a premotor arteriovenous malformation: 3-dimensional illustration. <i>Operative Neurosurgery</i> , 2013 , 72, 1	1.6	
21	Minimally invasive thoracic corpectomy: 3-dimensional operative video of a posterolateral approach to decompression and anterior column reconstruction. <i>Operative Neurosurgery</i> , 2013 , 73, ons141	1.6	1
20	A didactic and hands-on module enhances resident microsurgical knowledge and technical skill. <i>Neurosurgery</i> , 2013 , 73 Suppl 1, 51-6	3.2	26
19	Minimally invasive tubular microdiscectomy: a 3-dimensional operative video. <i>Operative Neurosurgery</i> , 2013 , 73, ons142	1.6	
18	Past, present, and future perspectives on the endovascular treatment of acute ischemic stroke. <i>Techniques in Vascular and Interventional Radiology</i> , 2012 , 15, 87-92	2.6	12
17	Cone beam computed tomography in the neurointerventional room: beyond vessels. <i>World Neurosurgery</i> , 2012 , 77, 659-61	2.1	7
16	Acute management of ruptured arteriovenous malformations and dural arteriovenous fistulas. <i>Neurosurgery Clinics of North America</i> , 2012 , 23, 87-103	4	22
15	Honoring our public responsibility: creating milestone and matrix-based training in an era of duty hour restrictions. <i>Neurosurgery</i> , 2012 , 59, 70-4	3.2	4
14	Red cerebral veins: the science, the art, and the craft. <i>Neurosurgery</i> , 2012 , 59, 22-33	3.2	1
13	Management of brainstem cavernous malformations. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2012 , 14, 237-51	2.1	9
12	Microsurgical treatment of an ethmoidal dural fistula: 3-dimensional illustration. <i>Operative Neurosurgery</i> , 2012 , 71, 3	1.6	1
11	Single center experience with pipeline stent: feasibility, technique, and complications. <i>Neurosurgery</i> , 2012 , 71, 679-91; discussion 691	3.2	90

10	De novo large fusiform posterior circulation intracranial aneurysm presenting with subarachnoid hemorrhage 7 years after therapeutic internal carotid artery occlusion: case report and review of the literature. <i>Neurosurgery</i> , 2012 , 71, E764-71	3.2	25
9	Phosphodiesterase 5 inhibition attenuates cerebral vasospasm and improves functional recovery after experimental subarachnoid hemorrhage. <i>Neurosurgery</i> , 2012 , 70, 178-86; discussion 186-7	3.2	35
8	A proposed grading system of brain and spinal cavernomas. <i>Neurosurgery</i> , 2011 , 69, 807-13; discussion 813-4	3.2	31
7	Carotid revascularization after CREST. <i>World Neurosurgery</i> , 2011 , 75, 2-3	2.1	1
6	Flow diversion for intracranial aneurysms: optimally defining and evolving a new tool and approach. <i>World Neurosurgery</i> , 2011 , 76, 401-4	2.1	6
5	Moyamoya disease: a review of histopathology, biochemistry, and genetics. <i>Neurosurgical Focus</i> , 2011 , 30, E20	4.2	61
4	Moyamoya disease: functional and neurocognitive outcomes in the pediatric and adult populations. <i>Neurosurgical Focus</i> , 2011 , 30, E21	4.2	48
3	Decompressive hemicraniectomy after malignant middle cerebral artery infarction: rationale and controversies. <i>Neurosurgical Focus</i> , 2011 , 30, E18	4.2	26
2	New guidelines for the management of cerebral venous thrombosis. <i>Neurosurgery</i> , 2011 , 69, N15-7	3.2	3
1	Penetrating spinal cord injury: a systematic review and meta-analysis of clinical features and treatment outcomes. <i>Spinal Cord</i> ,	2.7	1