List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Acute-on-chronic subdural hematoma: a new entity for prophylactic anti-epileptic treatment?. European Journal of Trauma and Emergency Surgery, 2022, 48, 933-942.	1.7	4
2	Levosimendan as a therapeutic strategy to prevent neuroinflammation after aneurysmal subarachnoid hemorrhage?. Journal of NeuroInterventional Surgery, 2022, 14, 408-412.	3.3	3
3	Therapeutic Anticoagulation Impacts MR Morphologic Recurrence Patterns in Glioblastoma—A Matched-Pair Analysis. Journal of Clinical Medicine, 2022, 11, 422.	2.4	Ο
4	Pulmonary embolism in neurocritical care-introduction of a novel grading system for risk stratification: the Frankfurt AMBOS score. Neurosurgical Review, 2021, 44, 1165-1171.	2.4	5
5	External validation and modification of the Oslo grading system for prediction of postoperative recurrence of chronic subdural hematoma. Neurosurgical Review, 2021, 44, 961-970.	2.4	15
6	Supervised Valsalva Maneuver after Burr Hole Evacuation of Chronic Subdural Hematomas: A Prospective Cohort Study. Journal of Neurotrauma, 2021, 38, 911-917.	3.4	2
7	Vitamin D—A New Perspective in Treatment of Cerebral Vasospasm. Neurosurgery, 2021, 88, 674-685.	1.1	10
8	Beware of Nihilism: Favorable Outcome despite Poor Admission Status in Posterior Circulation Aneurysms after Aneurysmal Subarachnoid Hemorrhage. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, 82, 512-517.	0.8	1
9	Short- and midterm outcome of ruptured and unruptured intracerebral wide-necked aneurysms with microsurgical treatment. Scientific Reports, 2021, 11, 4982.	3.3	5
10	Multidrug-resistant organisms (MDROs) in patients with subarachnoid hemorrhage (SAH). Scientific Reports, 2021, 11, 8309.	3.3	3
11	Statins Improve Clinical Outcome After Non-aneurysmal Subarachnoid Hemorrhage: A Translational Insight From a Systematic Review of Experimental Studies. Frontiers in Neurology, 2021, 12, 620096.	2.4	2
12	Multicenter Prospective Analysis of Hypertrophic Olivary Degeneration Following Infratentorial Stroke (HOD-IS): Evaluation of Disease Epidemiology, Clinical Presentation, and MR-Imaging Aspects. Frontiers in Neurology, 2021, 12, 675123.	2.4	7
13	Evaluation of a Novel Three-Dimensional Robotic Digital Microscope (Aeos) in Neurosurgery. Cancers, 2021, 13, 4273.	3.7	11
14	A Paravermal Trans-Cerebellar Approach to the Posterior Fossa Tumor Causes Hypertrophic Olivary Degeneration by Dentate Nucleus Injury. Cancers, 2021, 13, 258.	3.7	8
15	Short- and Long-Term Effects of Rehabilitation after Perimesencephalic Subarachnoid Hemorrhage. Diseases (Basel, Switzerland), 2021, 9, 69.	2.5	1
16	Neurogenic Dysphagia in Subdural Hematoma. Frontiers in Neurology, 2021, 12, 701378.	2.4	2
17	Efficacy of Intraoperative Blood Salvage in Cerebral Aneurysm Surgery. Journal of Clinical Medicine, 2021, 10, 5734.	2.4	4
18	First clinical experience with the new noninvasive transfontanelle ICP monitoring device in management of children with premature IVH. Neurosurgical Review, 2020, 43, 681-685.	2.4	3

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19	Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. World Neurosurgery: X, 2020, 6, 100060.	1.1	35
20	Management of hydrocephalus after resection of posterior fossa lesions in pediatric and adult patients—predictors for development of hydrocephalus. Neurosurgical Review, 2020, 43, 1143-1150.	2.4	38
21	Vitamin K Antagonist (Phenprocoumon) and Subarachnoid Hemorrhage: A Single-Center, Matched-Pair Analysis. Neurocritical Care, 2020, 33, 105-114.	2.4	2
22	Reactive Thrombocytosis in Non-aneurysmal Subarachnoid Hemorrhage. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2020, 81, 412-417.	0.8	0
23	The Role of Losartan as a Potential Neuroregenerative Pharmacological Agent after Aneurysmal Subarachnoid Haemorrhage. International Journal of Molecular Sciences, 2020, 21, 6496.	4.1	2
24	Pre- and Post-Surgical Dysphagia in Adults with Tumors of the Posterior Fossa: A Prospective Blinded Study. Cancers, 2020, 12, 2561.	3.7	5
25	Procedures performed during neurosurgery residency in Europe. Acta Neurochirurgica, 2020, 162, 2303-2311.	1.7	29
26	Microsurgical Treatment and Follow-Up of KOOS Grade IV Vestibular Schwannoma: Therapeutic Concept and Future Perspective. Frontiers in Oncology, 2020, 10, 605137.	2.8	5
27	Impact of Comorbidities and Frailty on Early Shunt Failure in Geriatric Patients With Normal Pressure Hydrocephalus. Frontiers in Medicine, 2020, 7, 596270.	2.6	6
28	Dlagnostic Subdural EEG electrodes And Subdural hEmatoma (DISEASE): a study protocol for a prospective nonrandomized controlled trial. Neurological Research and Practice, 2020, 2, 50.	2.0	1
29	Sphingosine 1-phosphate levels in cerebrospinal fluid after subarachnoid hemorrhage. Neurological Research and Practice, 2020, 2, 49.	2.0	7
30	Single-Dose Intraventricular Nimodipine Microparticles Versus Oral Nimodipine for Aneurysmal Subarachnoid Hemorrhage. Stroke, 2020, 51, 1142-1149.	2.0	38
31	National Institutes of Health Stroke Scale (NIHSS) on admission predicts acute symptomatic seizure risk in ischemic stroke: a population-based study involving 135,117 cases. Scientific Reports, 2020, 10, 3779.	3.3	32
32	Acute symptomatic seizures in intracerebral and subarachnoid hemorrhage: A population study of 19,331 patients. Epilepsy Research, 2020, 161, 106286.	1.6	13
33	A novel grading system for the prediction of the need for cerebrospinal fluid drainage following posterior fossa tumor surgery. Journal of Neurosurgery, 2020, 132, 296-305.	1.6	21
34	Age dependency and modification of the Subarachnoid Hemorrhage Early Brain Edema Score. Journal of Neurosurgery, 2020, 134, 1-7.	1.6	7
35	Early versus Delayed Surgery for Spinal Epidural Abscess : Clinical Outcome and Health-Related Quality of Life. Journal of Korean Neurosurgical Society, 2020, 63, 757-766.	1.2	6
36	Complication rate of intraarterial treatment of severe cerebral vasospasm after subarachnoid hemorrhage with nimodipine and percutaneous transluminal balloon angioplasty: Worth the risk?. Journal of Neuroradiology, 2019, 46, 15-24.	1.1	32

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37	Pain medication at ictus of subarachnoid hemorrhage—the influence of one-time acetylsalicylic acid usage on bleeding pattern, treatment course, and outcome: a matched pair analysis. Neurosurgical Review, 2019, 42, 531-537.	2.4	1
38	Susceptibilityâ€weighted imaging (<scp>SWI</scp>) or T2* contrasts should remain standard in the neuroimaging of epilepsy. Epilepsia, 2019, 60, 2141-2142.	5.1	2
39	Does aneurysm side influence the infarction side and patients´outcome after subarachnoid hemorrhage?. PLoS ONE, 2019, 14, e0224013.	2.5	5
40	Treatment of refractory and superrefractory status epilepticus with topiramate: A cohort study of 106 patients and a review of the literature. Epilepsia, 2019, 60, 2448-2458.	5.1	30
41	Thrombosis of the straight sinus and microbleedings due to deep seated arteriovenous fistula – Hemodynamic changes, cognitive impairment and improvement after microsurgery. A technical report. Journal of Clinical Neuroscience, 2019, 68, 317-321.	1.5	2
42	Differences in bleeding patterns and outcome after intracerebral hemorrhage due to vascular malformations. PLoS ONE, 2019, 14, e0217017.	2.5	4
43	The Extent of Neurologic Improvement and Social Life in Young Patients with Ruptured and Unruptured Brain AVM: A Long-Term Follow-Up. World Neurosurgery, 2019, 127, e503-e508.	1.3	3
44	Cerebral Vasospasm Due to Arteriovenous Malformation-Associated Hemorrhage: Impact of Bleeding Source and Pattern. Cerebrovascular Diseases, 2019, 47, 165-170.	1.7	2
45	Seizure and status epilepticus in chronic subdural hematoma. Acta Neurologica Scandinavica, 2019, 140, 194-203.	2.1	21
46	Clinical Relevance of Seizure in Pediatric Patients with Isolated Acute Subdural Hematoma without Parenchymal Brain Injury. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2019, 80, 233-239.	0.8	1
47	Delayed Occurrence of Hypertrophic Olivary Degeneration after Therapy of Posterior Fossa Tumors: A Single Institution Retrospective Analysis. Journal of Clinical Medicine, 2019, 8, 2222.	2.4	7
48	Electrode placement accuracy in robot-assisted epilepsy surgery: A comparison of different referencing techniques including frame-based CT versus facial laser scan based on CT or MRI. Epilepsy and Behavior, 2019, 91, 38-47.	1.7	34
49	Infective endocarditis in patients with pyogenic spondylodiscitis: implications for diagnosis and therapy. Neurosurgical Focus, 2019, 46, E2.	2.3	21
50	Influence of ABO blood type on the outcome after non-aneurysmal subarachnoid hemorrhage. Acta Neurochirurgica, 2018, 160, 761-766.	1.7	10
51	A benchmark approach to hemorrhage risk management of cavernous malformations. Neurology, 2018, 90, e856-e863.	1.1	23
52	Continuous Acetylsalicylic Acid Treatment Does Not Influence Bleeding Pattern or Outcome of Aneurysmal Subarachnoid Hemorrhage: A Matched-Pair Analysis. World Neurosurgery, 2018, 113, e122-e128.	1.3	17
53	Outcome after Hunt and Hess Grade V subarachnoid hemorrhage: a comparison of pre-coiling era (1980–1995) versus post-ISAT era (2005–2014). Journal of Neurosurgery, 2018, 128, 100-110.	1.6	57
54	International multicentre validation of the arteriovenous malformation-related intracerebral haemorrhage (AVICH) score. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1163-1166.	1.9	13

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55	Rapid ventricular pacing for clip reconstruction of complex unruptured intracranial aneurysms: results of an interdisciplinary prospective trial. Journal of Neurosurgery, 2018, 128, 1741-1752.	1.6	20
56	Vasomodulatory effects of the angiotensin II type 1 receptor antagonist losartan on experimentally induced cerebral vasospasm after subarachnoid haemorrhage. Acta Neurochirurgica, 2018, 160, 277-284.	1.7	9
57	Crosstalk between the angiotensin and endothelin system in the cerebrovasculature after experimental induced subarachnoid hemorrhage. Neurosurgical Review, 2018, 41, 539-548.	2.4	9
58	The clinical relevance of ABO blood type in 100 patients with acute subdural hematoma. PLoS ONE, 2018, 13, e0204331.	2.5	11
59	Risk Factors for Dropping Out of Neurosurgical Residency Programs—A Survey Study. World Neurosurgery, 2018, 120, e100-e106.	1.3	8
60	Excellent accuracy of ABC/2 volume formula compared to computer-assisted volumetric analysis of subdural hematomas. PLoS ONE, 2018, 13, e0199809.	2.5	51
61	Levosimendan Reduces Prostaglandin F2a-dependent Vasoconstriction in Physiological Vessels and After Experimentally Induced Subarachnoid Hemorrhage. Current Neurovascular Research, 2018, 15, 72-80.	1.1	5
62	Increased risk of delayed cerebral ischemia in subarachnoid hemorrhage patients with additional intracerebral hematoma. Journal of Neurosurgery, 2017, 126, 504-510.	1.6	32
63	Early diffusion-weighted MRI lesions after treatment of unruptured intracranial aneurysms: a prospective study. Journal of Neurosurgery, 2017, 126, 1070-1078.	1.6	15
64	Epileptic Seizures in Patients Following Surgical Treatment of Acute Subdural Hematoma—Incidence, Risk Factors, Patient Outcome, and Development of New Scoring System for Prophylactic Antiepileptic Treatment (GATE-24 score). World Neurosurgery, 2017, 101, 416-424.	1.3	16
65	Effect of heparin on secondary brain injury in patients with subarachnoid hemorrhage: an additional â€~H' therapy in vasospasm treatment. Journal of NeuroInterventional Surgery, 2017, 9, 659-663.	3.3	24
66	Secondary Glioblastoma: Molecular and Clinical Factors That Affect Outcome After Malignant Progression of a Lower Grade Tumor. World Neurosurgery, 2017, 102, 49-55.	1.3	7
67	A systematic review of epileptic seizures in adults with subdural haematomas. Seizure: the Journal of the British Epilepsy Association, 2017, 45, 28-35.	2.0	52
68	Outcome, Prognostic Factors, and Follow-Up Results After Subarachnoid Hemorrhage from Pericallosal Artery Aneurysms. World Neurosurgery, 2017, 99, 566-571.	1.3	14
69	Outcome and prognostic factors after delayed second subarachnoid haemorrhage. Acta Neurochirurgica, 2017, 159, 307-315.	1.7	3
70	Cerebral Vasospasm–Dependent and Cerebral Vasospasm–Independent Cerebral Infarctions Predict Outcome After Nonaneurysmal Subarachnoid Hemorrhage: AÂSingle-Center Series with 250 Patients. World Neurosurgery, 2017, 106, 861-869.e4.	1.3	8
71	Significant increase in acute subdural hematoma in octo- and nonagenarians: surgical treatment, functional outcome, and predictors in this patient cohort. Neurosurgical Focus, 2017, 43, E10.	2.3	45
72	Acute subdural hematoma in patients on oral anticoagulant therapy: management and outcome. Neurosurgical Focus, 2017, 43, E12.	2.3	36

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73	Subarachnoid Hemorrhage in Advanced Age: Comparison of Patients Aged 70–79 Years and 80 Years and Older. World Neurosurgery, 2017, 106, 139-144.	1.3	17
74	Outcome After Subarachnoid Hemorrhage from Blood Blister–Like Aneurysm Rupture Depends on Age and Aneurysm Morphology. World Neurosurgery, 2017, 105, 944-951.e1.	1.3	16
75	Positive influence of partial resection on overall survival of patients with overlapping glioblastomas. Clinical Neurology and Neurosurgery, 2017, 161, 22-28.	1.4	1
76	The Role of ABO Blood Group in Cerebral Vasospasm, Associated Intracranial Hemorrhage, and Delayed Cerebral Ischemia in 470 Patients with Subarachnoid Hemorrhage. World Neurosurgery, 2017, 97, 532-537.	1.3	13
77	Management of Patients with Primary Intramedullary Spinal Cord Glioblastoma. World Neurosurgery, 2017, 98, 198-202.	1.3	23
78	General Anesthesia Versus Local Anesthesia in Stereotactic Biopsies of Brain Lesions: A Prospective Randomized Study. World Neurosurgery, 2017, 97, 16-20.	1.3	10
79	MRI-detection rate and incidence of lumbar bleeding sources in 190 patients with non-aneurysmal SAH. PLoS ONE, 2017, 12, e0174734.	2.5	6
80	Non-aneurysmal non-perimesencephalic subarachnoid hemorrhage: effect of rehabilitation at short-term and in a prospective study of long-term follow-up. Topics in Stroke Rehabilitation, 2016, 23, 261-268.	1.9	11
81	Aneurysm Location as a Prognostic Outcome Factor After Subarachnoid Hemorrhage From Internal Carotid Artery Aneurysms and Potential Impact for Further Experimental Subarachnoid Hemorrhage Models. World Neurosurgery, 2016, 92, 273-278.	1.3	15
82	Levosimendan, a new therapeutic approach to prevent delayed cerebral vasospasm after subarachnoid hemorrhage?. Acta Neurochirurgica, 2016, 158, 2075-2083.	1.7	20
83	Combination of 5-ALA and iMRI in re-resection of recurrent glioblastoma. British Journal of Neurosurgery, 2016, 30, 313-317.	0.8	25
84	Evaluation of the perforators of the anterior communicating artery (AComA) using routine cerebral 3D rotational angiography. Journal of NeuroInterventional Surgery, 2016, 8, 1061-1066.	3.3	10
85	Cerebral vasospasm and delayed cerebral infarctions in 225 patients with non-aneurysmal subarachnoid hemorrhage: the underestimated risk of Fisher 3 blood distribution. Journal of NeuroInterventional Surgery, 2016, 8, 1247-1252.	3.3	34
86	Outcome of Patients with Long-Lasting Cerebral Vasospasm After Subarachnoid Hemorrhage: Is Prolonged Treatment for Cerebral Vasospasm Worthwhile? A Matched-Pair Analysis. World Neurosurgery, 2016, 88, 488-496.	1.3	19
87	Increasing numbers of nonaneurysmal subarachnoid hemorrhage in the last 15 years: antithrombotic medication as reason and prognostic factor?. Journal of Neurosurgery, 2016, 124, 1731-1737.	1.6	32
88	Cerebral foreign body granuloma in brain triggering generalized seizures without obvious craniocerebral injury: A case report and review of the literature. , 2016, 7, 775.		5
89	The Impact of Tracheostomy Timing on Clinical Outcome and Adverse Events in Poor-Grade Subarachnoid Hemorrhage*. Critical Care Medicine, 2015, 43, 2429-2438.	0.9	36
90	Nonâ€aneurysmal subarachnoid hemorrhage in 173 patients: a prospective study of longâ€ŧerm outcome. European Journal of Neurology, 2015, 22, 1329-1336.	3.3	33

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91	Endovascular and Surgical Treatment of Internal Carotid Bifurcation Aneurysms. Neurosurgery, 2015, 76, 540-551.	1.1	33
92	Ventriculostomy-Related Hemorrhage After Treatment of Acutely Ruptured Aneurysms: The Influence of Anticoagulation and Antiplatelet Treatment. World Neurosurgery, 2015, 84, 1653-1659.	1.3	30
93	Clinical outcome and prognostic factors of patients with angiogram-negative and non-perimesencephalic subarachnoid hemorrhage: benign prognosis like perimesencephalic SAH or same risk as aneurysmal SAH?. Neurosurgical Review, 2015, 38, 121-127.	2.4	28
94	Non-aneurysmal non-traumatic subarachnoid hemorrhage: patient characteristics, clinical outcome and prognostic factors based on a single-center experience in 125 patients. BMC Neurology, 2014, 14, 140.	1.8	62
95	Frequency, risk of hemorrhage and treatment considerations for cerebral arteriovenous malformations with associated aneurysms. Acta Neurochirurgica, 2014, 156, 2025-2034.	1.7	52
96	Aneurysm-related subarachnoid hemorrhage and acute subdural hematoma: single-center series and systematic review. Journal of Neurosurgery, 2013, 118, 984-990.	1.6	42
97	Erythropoietin prevents delayed hemodynamic dysfunction after subarachnoid hemorrhage in a randomized controlled experimental setting. Journal of the Neurological Sciences, 2013, 332, 128-135.	0.6	22
98	Natural History of Small Unruptured Anterior Circulation Aneurysms. Stroke, 2013, 44, 3027-3031.	2.0	68
99	The Impact of the Body Mass Index on Outcome After Subarachnoid Hemorrhage. Neurosurgery, 2013, 73, 201-208.	1.1	33
100	Crosstalk Between the Angiotensin and Endothelin-System in the Cerebrovasculature. Current Neurovascular Research, 2013, 10, 335-345.	1.1	16
101	Functional Effects of Levosimendan in Rat Basilar Arteries In Vitro. Current Neurovascular Research, 2013, 10, 126-133.	1.1	11
102	Endothelin Related Pathophysiology in Cerebral Vasospasm: What Happens to the Cerebral Vessels?. , 2011, 110, 177-180.		21
103	Effect of delayed cerebral vasospasm on cerebrovascular endothelin A receptor expression and function. Journal of Neurosurgery, 2007, 107, 121-127.	1.6	29
104	CHARACTERIZATION OF THE ENDOTHELIN-B RECEPTOR EXPRESSION AND VASOMOTOR FUNCTION DURING EXPERIMENTAL CEREBRAL VASOSPASM. Neurosurgery, 2007, 60, 1100-1109.	1.1	24
105	Time Course in the Development of Cerebral Vasospasm after Experimental Subarachnoid Hemorrhage: Clinical and Neuroradiological Assessment of the Rat Double Hemorrhage Model. Neurosurgery, 2006, 58, 1190-1197.	1.1	74
106	Alteration of the cerebrovascular function of endothelin B receptor after subarachnoidal hemorrhage in the rat. Experimental Biology and Medicine, 2006, 231, 1064-8.	2.4	7