

Vladimír Beneš

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

1,819
citations

236612

25
h-index

344852

36
g-index

114
all docs

114
docs citations

114
times ranked

2518
citing authors

#	ARTICLE	IF	CITATIONS
1	Congenital internal carotid artery hypoplasia: A systematic review. <i>Neuroradiology Journal</i> , 2023, 36, 5-16.	0.6	1
2	Long-term stability of Onyx: is there any indication for repeated angiography after dural arteriovenous fistula embolization?. <i>Journal of Neurosurgery</i> , 2022, 136, 175-184.	0.9	3
3	Surgical treatment of brainstem cavernous malformations: an international Delphi consensus. <i>Journal of Neurosurgery</i> , 2022, 136, 1220-1230.	0.9	7
4	Surgical treatment of symptomatic pineal cysts without hydrocephalus – meta-analysis of the published literature. <i>Acta Neurochirurgica</i> , 2022, 164, 61-77.	0.9	10
5	Repeated Aneurysm Intervention. <i>Advances and Technical Standards in Neurosurgery</i> , 2022, 44, 277-296.	0.2	1
6	Cerebral venous sinus thrombosis in infant with COVID-19. <i>Acta Neurochirurgica</i> , 2022, 164, 853-858.	0.9	8
7	Survival and functional outcomes in paediatric thalamic and thalamopeduncular low grade gliomas. <i>Acta Neurochirurgica</i> , 2022, 164, 1459-1472.	0.9	5
8	Middle fossa approach for a facial nerve schwannoma: how I do it. <i>Acta Neurochirurgica</i> , 2022, 164, 2517-2523.	0.9	1
9	HGG-14. Molecular characterization of unique biological subgroups among H3 wild type high-grade gliomas. <i>Neuro-Oncology</i> , 2022, 24, i63-i63.	0.6	0
10	SURG-05. Survival and functional outcomes in pediatric thalamic and thalamopeduncular low grade gliomas. <i>Neuro-Oncology</i> , 2022, 24, i142-i143.	0.6	0
11	Role of DESH, callosal angle and cingulate sulcus sign in prediction of gait responsiveness after shunting in iNPH patients. <i>Journal of Clinical Neuroscience</i> , 2021, 83, 99-107.	0.8	4
12	Extreme Lateral Supracerebellar Infratentorial Approach: Surgical Anatomy and Review of the Literature. <i>World Neurosurgery</i> , 2021, 147, 89-104.	0.7	15
13	Pineal Apoplexy: A Case Series and Review of the Literature. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, , .	0.4	3
14	From head micro-motions towards CSF dynamics and non-invasive intracranial pressure monitoring. <i>Scientific Reports</i> , 2021, 11, 14349.	1.6	1
15	Long-term outcome of Simpson IV meningioma resection: Would it improve with adjuvant SRS?. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106766.	0.6	1
16	Structural volumetry in NPH diagnostics and treatment – future or dead end?. <i>Neurosurgical Review</i> , 2021, 44, 503-514.	1.2	9
17	Normal pressure hydrocephalus – an overview of pathophysiological mechanisms and diagnostic procedures. <i>Neurosurgical Review</i> , 2020, 43, 1451-1464.	1.2	53
18	Surgical management of Tuberculum sellae Meningiomas: Myths, facts, and controversies. <i>Acta Neurochirurgica</i> , 2020, 162, 631-640.	0.9	32

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19	Are There Any Risk Factors Associated with the Presence of Cauda Equina Syndrome in Symptomatic Lumbar Disk Herniation?. <i>World Neurosurgery</i> , 2020, 141, e600-e605.	0.7	6
20	Spinal meningiomas: is Simpson grade II resection radical enough?. <i>Acta Neurochirurgica</i> , 2020, 162, 1401-1408.	0.9	15
21	Olfaction in Olfactory Groove Meningiomas. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 310-317.	0.4	14
22	Olfactory Results of Endoscopic Endonasal Surgery for Pituitary Adenoma: A Prospective Study of 143 Patients. <i>World Neurosurgery</i> , 2019, 129, e907-e914.	0.7	22
23	Burr-Hole Evacuation of Chronic Subdural Hematoma: Biophysically and Evidence-Based Technique Improvement. <i>Journal of Neurosciences in Rural Practice</i> , 2019, 10, 113-118.	0.3	7
24	Type-III Hangman's fracture combined with serious cerebrovascular injury after near-hanging: a first case report and review of the literature. <i>British Journal of Neurosurgery</i> , 2019, , 1-4.	0.4	1
25	Successful Management of a Giant Anterior Sacral Meningocele Associated with Low-Dysplastic Spondylolisthesis from a Single Posterior Approach: Case Report. <i>World Neurosurgery</i> , 2019, 129, 522-525.	0.7	2
26	Olfactory function in patients after transsphenoidal surgery for pituitary adenomas—a short review. <i>Neurosurgical Review</i> , 2019, 42, 395-401.	1.2	25
27	Expert consensus on the management of brain arteriovenous malformations. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 14, 1074-1081.	0.5	31
28	A current perspective on diagnosing and treating patients with a pineal cyst. <i>Neurologie Pro Praxi</i> , 2019, 20, 121-126.	0.0	0
29	Introduction. Skull base meningioma treatment strategies. <i>Neurosurgical Focus</i> , 2018, 44, E1.	1.0	1
30	Is surgery for pineal cysts safe and effective? Short review. <i>Neurosurgical Review</i> , 2018, 41, 119-124.	1.2	15
31	Coil mainly policy in management of intracranial ACoA aneurysms: single-centre experience with the systematic review of literature and meta-analysis. <i>Neurosurgical Review</i> , 2018, 41, 825-839.	1.2	11
32	Natural course of pineal cysts—a radiographic study. <i>Chinese Neurosurgical Journal</i> , 2018, 4, 33.	0.3	6
33	Application of denaturing capillary electrophoresis for the detection of prognostic mutations in isocitrate dehydrogenase 1 and isocitrate dehydrogenase 2 genes in brain tumors. <i>Journal of Separation Science</i> , 2018, 41, 2819-2827.	1.3	4
34	Melatonin and cortisol secretion profile in patients with pineal cyst before and after pineal cyst resection. <i>Journal of Clinical Neuroscience</i> , 2017, 39, 155-163.	0.8	27
35	Accuracy of VarioGuide Frameless Stereotactic System Against Frame-Based Stereotaxy: Prospective, Randomized, Single-Center Study. <i>World Neurosurgery</i> , 2017, 104, 831-840.	0.7	48
36	Conservative and Surgical Treatment of Patients with Pineal Cysts: Prospective Case Series of 110 Patients. <i>World Neurosurgery</i> , 2017, 105, 199-205.	0.7	39

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37	E-WIN Project 2016: Evaluating the Current Gender Situation in Neurosurgery Across Europe – An Interactive, Multiple-Level Survey. <i>World Neurosurgery</i> , 2017, 104, 48-60.	0.7	54
38	Safety and Efficacy of Surgical and Endovascular Treatment for Distal Anterior Cerebral Artery Aneurysms: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2017, 100, 557-566.	0.7	31
39	Treatment of atlanto-axial subluxation secondary to rheumatoid arthritis by short segment stabilization with polyaxial screws. <i>Acta Neurochirurgica</i> , 2017, 159, 1791-1801.	0.9	5
40	SONOlysis in prevention of Brain Infarctions During Internal carotid Endarterectomy (SONOBIRDIE) trial – study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 25.	0.7	3
41	Magnetic resonance imaging and histology correlation in Cushing's disease. <i>Neurologia I Neurochirurgia Polska</i> , 2017, 51, 45-52.	0.6	8
42	Vertebral artery and osseous anomalies characteristic at the craniocervical junction diagnosed by CT and 3D CT angiography in normal Czech population: analysis of 511 consecutive patients. <i>Neurosurgical Review</i> , 2017, 40, 369-376.	1.2	33
43	Neuropsychological Performance after Brain Arteriovenous Malformations Treatment. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 321-328.	0.4	3
44	Neuropsychological Outcome of AVM Treatment. , 2017, , 201-209.		0
45	Clinical management of pineal cysts: a worldwide online survey. <i>Acta Neurochirurgica</i> , 2016, 158, 663-669.	0.9	30
46	Intraoperative Magnetic Resonance Imaging During Endoscopic Transsphenoidal Surgery of Growth Hormone-Secreting Pituitary Adenomas. <i>World Neurosurgery</i> , 2016, 91, 490-496.	0.7	17
47	Flexible endoscope-assisted evacuation of chronic subdural hematomas. <i>Acta Neurochirurgica</i> , 2016, 158, 1987-1992.	0.9	37
48	Detection of carotid artery stenosis using histological specimens: a comparison of CT angiography, magnetic resonance angiography, digital subtraction angiography and Doppler ultrasonography. <i>Acta Neurochirurgica</i> , 2016, 158, 1505-1514.	0.9	23
49	"Clip first" policy in management of intracranial MCA aneurysms: Single-centre experience with a systematic review of literature. <i>Acta Neurochirurgica</i> , 2016, 158, 533-546.	0.9	33
50	Difference in white matter microstructure in differential diagnosis of normal pressure hydrocephalus and Alzheimer's disease. <i>Clinical Neurology and Neurosurgery</i> , 2016, 140, 52-59.	0.6	16
51	Genetic and Epigenetic Factors Affecting Development and Prognosis of Brain Gliomas – a Review of Current Knowledge. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2016, 79/112, 400-405.	0.0	1
52	Stereotactic Brain Biopsies Using Varioguide System – 101 Cases Experience. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2016, 79/112, 579-584.	0.0	2
53	Response to the future of the EANS neurosurgeons of Europe, unite!. <i>Acta Neurochirurgica</i> , 2015, 157, 1829-1830.	0.9	0
54	Influence of the Pre-Operative Neurological Status on Survival after the Surgical Treatment of Symptomatic Spinal Metastases with Spinal Cord Compression. <i>Spine</i> , 2015, 40, 1.	1.0	21

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55	Impact of a Vascular Neurosurgery Simulation-Based Course on Cognitive Knowledge and Technical Skills in European Neurosurgical Trainees. <i>World Neurosurgery</i> , 2015, 84, 197-201.	0.7	12
56	Occipitocervical stabilization using bilateral laminar C2 screws in children with mucopolysaccharidosis IVA. <i>European Spine Journal</i> , 2015, 24, 2756-2762.	1.0	15
57	Recognition of anaplastic foci within low-grade gliomas using MR spectroscopy. <i>British Journal of Neurosurgery</i> , 2014, 28, 631-636.	0.4	10
58	Treatment of thoracolumbar trauma by short-segment percutaneous transpedicular screw instrumentation: prospective comparative study with a minimum 2-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 150-156.	0.9	103
59	Endonasal Endoscopic Pituitary Adenoma Resection: Preservation of Neurohypophyseal Function. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014, 75, 336-342.	0.4	4
60	Carotid endarterectomy and carotid artery stenting: changing paradigm during 10 years in a high-volume centre. <i>Acta Neurochirurgica</i> , 2014, 156, 1705-1712.	0.9	12
61	FLT-PET in previously untreated patients with low-grade glioma can predict their overall survival. <i>Nuclear Medicine Review</i> , 2014, 17, 7-12.	0.3	14
62	Endoscopic endonasal resection of medial orbital lesions with intraoperative MRI. <i>Acta Neurochirurgica</i> , 2013, 155, 455-461.	0.9	18
63	Treatment for brain arteriovenous malformation in the 1998–2011 period and review of the literature. <i>Acta Neurochirurgica</i> , 2013, 155, 199-209.	0.9	43
64	Surgery of brainstem cavernous malformations. <i>Acta Neurochirurgica</i> , 2013, 155, 2079-2083.	0.9	22
65	Is Intraoperative Diffusion Tensor Imaging at 3.0T Comparable to Subcortical Corticospinal Tract Mapping?. <i>Neurosurgery</i> , 2013, 73, 797-807.	0.6	41
66	Anterior Interbody Fusion of the Cervical Spine With Zero-P Spacer. <i>Spine</i> , 2013, 38, E792-E797.	1.0	63
67	Spinal Intramedullary Astrocytomas: Prognostic Factors. , 2013, , 339-349.		0
68	Quality of Life 1 Year after Aneurysmal Subarachnoid Hemorrhage in Good Outcome Patients Treated by Clipping or Coiling. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2012, 73, 217-223.	0.4	13
69	Comparison of 3 Fusion Techniques in the Treatment of the Degenerative Cervical Spine Disease. Is Stand-Alone Autograft Really the “Gold Standard”? <i>Spine</i> , 2012, 37, 1645-1651.	1.0	35
70	Bobble-head doll syndrome: therapeutic outcome and long-term follow-up in four children. <i>Acta Neurochirurgica</i> , 2012, 154, 2043-2049.	0.9	5
71	Cognitive functions before and 1 year after surgical and endovascular treatment in patients with unruptured intracranial aneurysms. <i>British Journal of Neurosurgery</i> , 2012, 26, 514-516.	0.4	14
72	Safety and Efficacy of Surgical Treatment of Carotid Stump Syndrome: Pilot Study. <i>Annals of Vascular Surgery</i> , 2012, 26, 797-801.	0.4	10

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73	Rolandic area meningioma resection controlled and guided by intraoperative cortical mapping. <i>Acta Neurochirurgica</i> , 2012, 154, 843-853.	0.9	17
74	Aneurysm treatment in Europe 2010: an internet survey. <i>Acta Neurochirurgica</i> , 2012, 154, 971-978.	0.9	27
75	Verbal memory capacity after treatment for ruptured intracranial aneurysm – the outcomes of three psychological tests: within a month, 1 year after and 5-7 years after treatment. <i>Acta Neurochirurgica</i> , 2012, 154, 417-422.	0.9	11
76	Smokers with Intracranial Aneurysms Who Underwent Neurosurgical or Endovascular Treatment Have Not Stopped Smoking One Year after Surgery. <i>Central European Journal of Public Health</i> , 2012, 20, 50-53.	0.4	0
77	Decompressive surgery for malignant supratentorial infarction remains underutilized after guideline publication. <i>Journal of Neurology</i> , 2011, 258, 1689-1694.	1.8	20
78	Intraoperative MR imaging in a case of a cervical spinal cord lesion. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 754-757.	0.9	7
79	One Year Experience with 3.0 T Intraoperative MRI in Pituitary Surgery. <i>Acta Neurochirurgica Supplementum</i> , 2011, 109, 157-159.	0.5	32
80	Multifunctional Surgical Suite (MFSS) with 3.0 T iMRI: 17 Months of Experience. <i>Acta Neurochirurgica Supplementum</i> , 2011, 109, 145-149.	0.5	4
81	Magnetic resonance angiography, digital subtraction angiography and Doppler ultrasonography in detection of carotid artery stenosis: a comparison with findings from histological specimens. <i>Acta Neurochirurgica</i> , 2010, 152, 1215-1221.	0.9	16
82	Haemorrhage from a Radiosurgically Treated Arteriovenous Malformation after its Angiographically Proven Obliteration: a Case Report. <i>Central European Neurosurgery</i> , 2010, 71, 92-95.	0.7	9
83	Prognostic factors in intramedullary astrocytomas: a literature review. <i>European Spine Journal</i> , 2009, 18, 1397-1422.	1.0	93
84	The MRI volumetry of the posterior fossa and its substructures in trigeminal neuralgia: a validated study. <i>Acta Neurochirurgica</i> , 2009, 151, 669-675.	0.9	35
85	Chordoid meningioma: presentation of two case reports, review of the literature, and plea for data standardisation. <i>Journal of Neuro-Oncology</i> , 2008, 88, 115-120.	1.4	25
86	Preoperative Neuroimage Findings as a Predictor of Postoperative Neurological Deficit in Intracranial Meningiomas. <i>Zentralblatt Fur Neurochirurgie</i> , 2007, 68, 190-194.	0.5	5
87	Ruptured Cerebral Aneurysm Patients Treated by Clipping or Coiling: Comparison of Long-term Neuropsychological and Personality Outcomes. <i>Zentralblatt Fur Neurochirurgie</i> , 2007, 68, 169-175.	0.5	15
88	Hypercapnia Impact on Vascular and Neuronal Reactivity in Patients Before and After Carotid Endarterectomy. <i>Zentralblatt Fur Neurochirurgie</i> , 2007, 68, 59-66.	0.5	5
89	The effect of caffeine on dilated cerebral circulation and on diagnostic CO2 reactivity testing. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 464-467.	0.8	11
90	Experience of 500 cases of neurophysiological monitoring in carotid endarterectomy. <i>Acta Neurochirurgica</i> , 2007, 149, 681-689.	0.9	26

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91	Clinical characteristics in patients with hippocampal sclerosis with or without cortical dysplasia. <i>Epileptic Disorders</i> , 2007, 9 Suppl 1, S75-82.	0.7	9
92	Densities of parvalbumin-immunoreactive neurons in non-malformed hippocampal sclerosis-temporal neocortex and in cortical dysplasias. <i>Brain Research Bulletin</i> , 2006, 68, 474-481.	1.4	30
93	Analysis of Cavernous Malformation Resection Results. <i>Neurosurgery</i> , 2006, 58, 403.	0.6	2
94	EANS Affairs. <i>Acta Neurochirurgica</i> , 2006, 148, 101-110.	0.9	0
95	Accuracy of angiography and Doppler ultrasonography in the detection of carotid stenosis: a histopathological study of 123 cases. <i>Acta Neurochirurgica</i> , 2006, 148, 511-520.	0.9	16
96	EANS Affairs. <i>Acta Neurochirurgica</i> , 2006, 148, 601-603.	0.9	0
97	The European Working Time Directive and the Effects on Training of Surgical Specialists (Doctors in Tj ETQq1 1 0.784314 rgBT /Overl	0.9	0
98	The European Working Time Directive and the Effects on Training of Surgical Specialists (Doctors in Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	4
99	Recanalization of Long-lasting Middle Cerebral Artery Occlusion by a Combination of Surgical and Interventional Approaches: Technical Case Report. <i>Operative Neurosurgery</i> , 2005, 57, ONS-E401-ONS-E401.	0.4	1
100	EANS Affairs. <i>Acta Neurochirurgica</i> , 2005, 147, 915-918.	0.9	0
101	EANS Affairs. <i>Acta Neurochirurgica</i> , 2005, 147, 1116-1119.	0.9	0
102	EANS Affairs. <i>Acta Neurochirurgica</i> , 2005, 147, 1217-1220.	0.9	0
103	Symptomatic Rotational Occlusion of the Vertebral Artery - Case Report and Review of the Literature. <i>Zentralblatt Fur Neurochirurgie</i> , 2005, 66, 217-222.	0.5	30
104	Comparison between degree of carotid stenosis observed at angiography and in histological examination. <i>Acta Neurochirurgica</i> , 2004, 146, 671-677.	0.9	22
105	Diffusion parameters of the extracellular space in human gliomas. <i>Glia</i> , 2003, 42, 77-88.	2.5	106
106	Biomechanics and neuropathology of adult and paediatric head injury. <i>British Journal of Neurosurgery</i> , 2003, 17, 201-201.	0.4	4
107	Surgical correction of symptomatic vertebral artery kinking. <i>British Journal of Neurosurgery</i> , 2003, 17, 174-195.	0.4	5
108	Alternative Surgery for the Kinked Internal Carotid Artery. <i>Acta Neurochirurgica</i> , 2001, 143, 1267-1272.	0.9	12

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109	Simultaneous Cerebral and Spinal Fluid Pressure Recordings in Surgical Indications of the Chiari Malformation without Myelodysplasia. <i>Acta Neurochirurgica</i> , 2001, 143, 909-918.	0.9	28
110	Extracranial Vertebral Artery Stenosis in a Patient with Moyamoya Disease. <i>Acta Neurochirurgica</i> , 1999, 141, 323-324.	0.9	3
111	Experimental spinal cord injury: Lumbar vertebra resection to shorten the gap between spinal cord stumps. <i>Acta Neurochirurgica</i> , 1988, 90, 152-156.	0.9	4