

JiÅÃ- BÃ;rtek

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,130
citations

270111

25
h-index

325983

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g-index

95
all docs

95
docs citations

95
times ranked

3798
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Significance of Vascular Occlusive Events following Moderate-to-Severe Traumatic Brain Injury: An Observational Cohort Study. <i>Seminars in Thrombosis and Hemostasis</i> , 2022, , .	1.5	1
2	Standardized reporting of adverse events and functional status from the first 5 years of awake surgery for gliomas: a population-based single-institution consecutive series. <i>Acta Neurochirurgica</i> , 2022, 164, 1995-2008.	0.9	1
3	Endoscopic third ventriculostomy for adults with hydrocephalus: creating a prognostic model for success: protocol for a retrospective multicentre study (Nordic ETV). <i>BMJ Open</i> , 2022, 12, e055570.	0.8	3
4	Differences in Presentation, Radiological Features, and Outcomes in Traumatic Versus Spontaneous Acute Subdural Hematomasâ€”A Single-Institution Population-Based Study. <i>World Neurosurgery</i> , 2022, 164, e235-e244.	0.7	1
5	<i>TERT</i> promoter mutations in primary and secondary WHO grade III meningioma. <i>Brain Pathology</i> , 2021, 31, 61-69.	2.1	27
6	Impact of meningioma surgery on use of antiepileptic, antidepressant, and sedative drugs: A Swedish nationwide matched cohort study. <i>Cancer Medicine</i> , 2021, 10, 2967-2977.	1.3	8
7	Improved cephalic index following early cranial vault remodeling in patients with isolated nonsyndromic sagittal synostosis. <i>Neurosurgical Focus</i> , 2021, 50, E7.	1.0	3
8	Risk factors for need of reoperation in bilateral chronic subdural haematomas. <i>Acta Neurochirurgica</i> , 2021, 163, 1849-1856.	0.9	8
9	Depression and ability to work after vestibular schwannoma surgery: a nationwide registry-based matched cohort study on antidepressants, sedatives, and sick leave. <i>Acta Neurochirurgica</i> , 2021, 163, 2225-2235.	0.9	2
10	Development and external validation of a clinical prediction model for functional impairment after intracranial tumor surgery. <i>Journal of Neurosurgery</i> , 2021, 134, 1743-1750.	0.9	11
11	Long-Term Follow-Up and Predictors of Functional Outcome after Surgery for Spinal Meningiomas: A Population-Based Cohort Study. <i>Cancers</i> , 2021, 13, 3244.	1.7	19
12	OTEH-3. Targeted Gene-Expression analysis during malignant transformation in primary and secondary malignant meningioma. <i>Neuro-Oncology Advances</i> , 2021, 3, ii10-ii11.	0.4	0
13	Burr hole craniostomy versus minicraniotomy in chronic subdural hematoma: a comparative cohort study. <i>Acta Neurochirurgica</i> , 2021, 163, 3217-3223.	0.9	3
14	Variations in the Management of Diffuse Low-Grade Gliomas â€” a Scandinavian Multicenter Study. <i>Neuro-Oncology Practice</i> , 2021, 8, 706-717.	1.0	4
15	P04.05 Targeted Gene-Expression analysis during malignant transformation in primary and secondary malignant meningioma. <i>Neuro-Oncology</i> , 2021, 23, ii19-ii19.	0.6	0
16	Lower-Grade Gliomas: An Epidemiological Voxel-Based Analysis of Location and Proximity to Eloquent Regions. <i>Frontiers in Oncology</i> , 2021, 11, 748229.	1.3	7
17	Racial disparity in recommendation for surgical resection of skull base chondrosarcomas: A Surveillance, Epidemiology, and End Results (SEER) analysis. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 186-191.	0.8	1
18	An integrated disease-specific graded prognostic assessment scale for melanoma: contributions of KPS, CITV, number of metastases, and BRAF mutation status. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa152.	0.4	1

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19	Lemierreâ€™s syndrome caused by <i>Fusobacterium necrophorum</i> complicated with multiple brain abscessesâ€”A case report, literature review, and suggested management. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e05142.	0.2	1
20	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020, 86, 538-547.	0.6	34
21	Assessment of drainage techniques for evacuation of chronic subdural hematoma: a consecutive population-based comparative cohort study. <i>Journal of Neurosurgery</i> , 2020, 133, 1113-1119.	0.9	37
22	Clinical and histopathological predictors of outcome in malignant meningioma. <i>Neurosurgical Review</i> , 2020, 43, 643-653.	1.2	15
23	Pulse Width and Implantable Pulse Generator Longevity in Pallidal Deep Brain Stimulation for Dystonia: A Population-Based Comparative Effectiveness Study. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 331-336.	0.8	5
24	Mitotic and Proliferative Indices in WHO Grade III Meningioma. <i>Cancers</i> , 2020, 12, 3351.	1.7	5
25	Cost-effectiveness of stereotactic laser ablation (SLA) for brain tumors. <i>International Journal of Hyperthermia</i> , 2020, 37, 61-67.	1.1	8
26	Preoperative antibiotic prophylaxis regimen in brain tumour surgery in Sweden: a quasi-experimental study. <i>Acta Neurochirurgica</i> , 2020, 162, 2849-2856.	0.9	3
27	Short-term outcome following surgery for rare brain tumor entities in adults: a Swedish nation-wide registry-based study and comparison with SEER database. <i>Journal of Neuro-Oncology</i> , 2020, 148, 281-290.	1.4	3
28	Ten-year follow-up after Gamma Knife radiosurgery of meningioma and review of the literature. <i>Acta Neurochirurgica</i> , 2020, 162, 2183-2196.	0.9	24
29	The Ki-67 Proliferation Index as a Marker of Time to Recurrence in Intracranial Meningioma. <i>Neurosurgery</i> , 2020, 87, 1289-1298.	0.6	47
30	Discontinuation of External Ventricular Drainage in Patients with Hydrocephalus Following Aneurysmal Subarachnoid Hemorrhage - a Scandinavian Multi-institutional Survey. <i>Acta Neurochirurgica</i> , 2020, 162, 1363-1370.	0.9	11
31	A grading scale for surgically treated patients with spontaneous supratentorial intracerebral hemorrhage: the Surgical Swedish ICH Score. <i>Journal of Neurosurgery</i> , 2020, 133, 800-807.	0.9	11
32	Scandinavian Multicenter Acute Subdural Hematoma (SMASH) Study: Study Protocol for a Multinational Population-Based Consecutive Cohort. <i>Neurosurgery</i> , 2019, 84, 799-803.	0.6	3
33	Machine learning and data mining frameworks for predicting drug response in cancer: An overview and a novel in silico screening process based on association rule mining. , 2019, 203, 107395.		76
34	Surgical treatment for symptomatic ventriculus terminalis: case series and a literature review. <i>Acta Neurochirurgica</i> , 2019, 161, 1901-1908.	0.9	11
35	Response to: neurosurgical procedures performed during residency in Europeâ€”preliminary numbers and time trends. <i>Acta Neurochirurgica</i> , 2019, 161, 1977-1979.	0.9	4
36	Receipt of brachytherapy is an independent predictor of survival in glioblastoma in the Surveillance, Epidemiology, and End Results database. <i>Journal of Neuro-Oncology</i> , 2019, 145, 75-83.	1.4	19

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37	Adaptive hybrid surgery analysis (AHSA) for adjuvant gamma knife radiosurgery treatment of vestibular schwannoma residuals. <i>Clinical Neurology and Neurosurgery</i> , 2019, 185, 105487.	0.6	1
38	Neurosurgical treatment and outcome patterns of meningioma in Sweden: a nationwide registry-based study. <i>Acta Neurochirurgica</i> , 2019, 161, 333-341.	0.9	38
39	Stereotactic Laser Ablation as Treatment of Brain Metastases Recurring after Stereotactic Radiosurgery: A Systematic Literature Review. <i>World Neurosurgery</i> , 2019, 128, 134-142.	0.7	42
40	Biopsy and Ablation of H3K27 Glioma Using Skull-Mounted Smartframe Device: Technical Case Report. <i>World Neurosurgery</i> , 2019, 127, 436-441.	0.7	15
41	Serial S100B Sampling Detects Intracranial Lesion Development in Patients on Extracorporeal Membrane Oxygenation. <i>Frontiers in Neurology</i> , 2019, 10, 512.	1.1	9
42	Neurosurgical patterns of care for diffuse low-grade gliomas in Sweden between 2005 and 2015. <i>Neuro-Oncology Practice</i> , 2019, 6, 124-133.	1.0	6
43	Comparison of Frame-Based Versus Frameless Intracranial Stereotactic Biopsy: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 127, 607-616.e4.	0.7	61
44	Clinical Course in Chronic Subdural Hematoma Patients Aged 18-49 Compared to Patients 50 Years and Above: A Multicenter Study and Meta-Analysis. <i>Frontiers in Neurology</i> , 2019, 10, 311.	1.1	12
45	Differences in neurosurgical treatment of intracerebral haemorrhage: a nation-wide observational study of 578 consecutive patients. <i>Acta Neurochirurgica</i> , 2019, 161, 955-965.	0.9	7
46	PML nuclear bodies are recruited to persistent DNA damage lesions in an RNF168-53BP1 dependent manner and contribute to DNA repair. <i>DNA Repair</i> , 2019, 78, 114-127.	1.3	28
47	Neurosurgical procedures performed during residency in Europe—preliminary numbers and time trends. <i>Acta Neurochirurgica</i> , 2019, 161, 843-853.	0.9	26
48	Short-Term Surgical Outcome for Vestibular Schwannoma in Sweden: A Nation-Wide Registry Study. <i>Frontiers in Neurology</i> , 2019, 10, 43.	1.1	16
49	A Deep Learning Framework for Predicting Response to Therapy in Cancer. <i>Cell Reports</i> , 2019, 29, 3367-3373.e4.	2.9	137
50	Stereotactic Brain Biopsy in Eloquent Areas Assisted by Navigated Transcranial Magnetic Stimulation: a Technical Case Report. <i>Operative Neurosurgery</i> , 2019, 17, E124-E129.	0.4	3
51	The Role of Angiotensin-Converting Enzyme Inhibitors in Patients with Chronic Subdural Hematoma: A Scandinavian Population-Based Multicenter Study. <i>World Neurosurgery</i> , 2018, 113, e555-e560.	0.7	19
52	Hyperbaric Oxygen Therapy as Adjuvant Treatment for Hardware-Related Infections in Neuromodulation. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 100-107.	0.8	11
53	Long-term control and predictors of seizures in intracranial meningioma surgery: a population-based study. <i>Acta Neurochirurgica</i> , 2018, 160, 589-596.	0.9	35
54	NY-ESO-1- and survivin-specific T-cell responses in the peripheral blood from patients with glioma. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 237-246.	2.0	12

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55	Glucocorticoids promote a glioma stem cell-like phenotype and resistance to chemotherapy in human glioblastoma primary cells: Biological and prognostic significance. <i>International Journal of Cancer</i> , 2018, 142, 1266-1276.	2.3	27
56	Identification of neoepitopes recognized by tumor-infiltrating lymphocytes (TILs) from patients with glioma. <i>Oncotarget</i> , 2018, 9, 19469-19480.	0.8	10
57	Amino acid tracers in PET imaging of diffuse low-grade gliomas: a systematic review of preoperative applications. <i>Acta Neurochirurgica</i> , 2018, 160, 1451-1460.	0.9	18
58	Increased cytomegalovirus replication by 5-Azacytidine and viral-induced cytoplasmic expression of DNMT1 in medulloblastoma and endothelial cells. <i>International Journal of Oncology</i> , 2018, 52, 1317-1327.	1.4	2
59	Cumulative Intracranial Tumor Volume Augments the Prognostic Value of Diagnosis-Specific Graded Prognostic Assessment Model for Survival in Patients with Melanoma Cerebral Metastases. <i>Neurosurgery</i> , 2018, 83, 237-244.	0.6	21
60	Incidence, Outcome, and Predictors of Intracranial Hemorrhage in Adult Patients on Extracorporeal Membrane Oxygenation: A Systematic and Narrative Review. <i>Frontiers in Neurology</i> , 2018, 9, 548.	1.1	64
61	Tumor-infiltrating lymphocytes (TILs) from patients with glioma. <i>Oncolmmunology</i> , 2017, 6, e1252894.	2.1	59
62	Stereotactic radiosurgery vs. fractionated radiotherapy for tumor control in vestibular schwannoma patients: a systematic review. <i>Acta Neurochirurgica</i> , 2017, 159, 1013-1021.	0.9	77
63	Surgery for chronic subdural hematoma in nonagenarians: A Scandinavian population-based multicenter study. <i>Acta Neurologica Scandinavica</i> , 2017, 136, 516-520.	1.0	37
64	Role of antithrombotic therapy in the risk of hematoma recurrence and thromboembolism after chronic subdural hematoma evacuation: a population-based consecutive cohort study. <i>Acta Neurochirurgica</i> , 2017, 159, 2045-2052.	0.9	34
65	Mesothelin-specific Immune Responses Predict Survival of Patients With Brain Metastasis. <i>EBioMedicine</i> , 2017, 23, 20-24.	2.7	18
66	Predictors of Recurrence and Complications After Chronic Subdural Hematoma Surgery: A Population-Based Study. <i>World Neurosurgery</i> , 2017, 106, 609-614.	0.7	68
67	Multidisciplinary management of clival chordomas; long-term clinical outcome in a single-institution consecutive series. <i>Acta Neurochirurgica</i> , 2017, 159, 1857-1868.	0.9	25
68	Predictors of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation: an observational cohort study. <i>Journal of Intensive Care</i> , 2017, 5, 27.	1.3	77
69	Cell Cycle-Targeted Cancer Therapies. <i>Annual Review of Cancer Biology</i> , 2017, 1, 41-57.	2.3	88
70	Management of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation (ECMO): An observational cohort study. <i>PLoS ONE</i> , 2017, 12, e0190365.	1.1	38
71	The Swedish study of Irrigation-fluid temperature in the evacuation of Chronic subdural hematoma (SiC!): study protocol for a multicenter randomized controlled trial. <i>Trials</i> , 2017, 18, 471.	0.7	9
72	Mesothelin as a novel biomarker and immunotherapeutic target in human glioblastoma. <i>Oncotarget</i> , 2017, 8, 80208-80222.	0.8	6

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73	Salvage gamma knife radiosurgery in the management of dysembryoplastic neuroepithelial tumors: Long-term outcome in a single-institution case series. , 2017, 8, 174.		1
74	PNR-37GAMMA KNIFE RADIOSURGERY IN THE MANAGEMENT OF DYSEMBRYOPLASTIC NEUROEPITHELIAL TUMORS (DNT): THREE CASES AND REVIEW OF THE LITERATURE. <i>Neuro-Oncology</i> , 2016, 18, iii14.3-iii14.	0.6	0
75	Dynamic alterations of bone marrow cytokine landscape of myelodysplastic syndromes patients treated with 5-azacytidine. <i>Oncolmmunology</i> , 2016, 5, e1183860.	2.1	17
76	Venous Thromboembolism Prophylaxis in Meningioma Surgery: A Population-Based Comparative Effectiveness Study of Routine Mechanical Prophylaxis with or without Preoperative Low-Molecular-Weight Heparin. <i>World Neurosurgery</i> , 2016, 88, 320-326.	0.7	17
77	Hyperbaric oxygen therapy in spontaneous brain abscess patients: a population-based comparative cohort study. <i>Acta Neurochirurgica</i> , 2016, 158, 1259-1267.	0.9	26
78	A pilot study of physician personal preferences for treatment of glioblastoma. <i>Acta Neurochirurgica</i> , 2016, 158, 1933-1933.	0.9	0
79	Standardized reporting of adverse events after microvascular decompression of cranial nerves; a population-based single-institution consecutive series. <i>Acta Neurochirurgica</i> , 2016, 158, 1775-1781.	0.9	16
80	Valved or valveless ventriculoperitoneal shunting in the treatment of post-haemorrhagic hydrocephalus: a population-based consecutive cohort study. <i>Acta Neurochirurgica</i> , 2016, 158, 261-270.	0.9	8
81	TOPBP1 regulates RAD51 phosphorylation and chromatin loading and determines PARP inhibitor sensitivity. <i>Journal of Cell Biology</i> , 2016, 212, 281-288.	2.3	70
82	Intra-arterial nimodipine for cerebral vasospasm after subarachnoid haemorrhage: Influence on clinical course and predictors of clinical outcome. <i>Neuroradiology Journal</i> , 2016, 29, 72-81.	0.6	23
83	DNA damage signalling barrier, oxidative stress and treatmentâ€relevant DNA repair factor alterations during progression of human prostate cancer. <i>Molecular Oncology</i> , 2016, 10, 879-894.	2.1	41
84	Cytomegalovirus infection induces a stem cell phenotype in human primary glioblastoma cells: prognostic significance and biological impact. <i>Cell Death and Differentiation</i> , 2016, 23, 261-269.	5.0	49
85	Neuron-Specific Enolase Is Correlated to Compromised Cerebral Metabolism in Patients Suffering from Acute Bacterial Meningitis; An Observational Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0152268.	1.1	16
86	Adaptive hypofractionated gamma knife radiosurgery for a large brainstem metastasis. , 2016, 7, 130.		12
87	Predictors of Severe Complications in Intracranial Meningioma Surgery: A Population-Based Multicenter Study. <i>World Neurosurgery</i> , 2015, 83, 673-678.	0.7	49
88	A Synergistic Interaction between Chk1- and MK2 Inhibitors in KRAS-Mutant Cancer. <i>Cell</i> , 2015, 162, 146-159.	13.5	100
89	Implication of using MRI co-registered with CT in Leksell Gamma Knife® dose planning for patients with vestibular schwannoma.. <i>Clinical Neurology and Neurosurgery</i> , 2015, 138, 10-15.	0.6	6
90	Subacute bacterial endocarditis and subsequent shunt nephritis from ventriculoatrial shunting 14 years after shunt implantation. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014204655-bcr2014204655.	0.2	21

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91	Long-term quality of life and tumour control following gamma knife radiosurgery for vestibular schwannoma. Acta Neurochirurgica, 2014, 156, 389-396.	0.9	42
92	Venous complications in supracerebellar infratentorial approach. Acta Neurochirurgica, 2013, 155, 477-478.	0.9	33
93	Intracranial hemorrhage due to intracranial hypertension caused by the superior vena cava syndrome. Journal of Clinical Neuroscience, 2013, 20, 1040-1041.	0.8	6