

# Karl Roessler

## List of Publications by Citations

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161  
papers

3,721  
citations

31  
h-index

57  
g-index

181  
ext. papers

4,613  
ext. citations

4.2  
avg, IF

4.93  
L-index

#	Paper	IF	Citations
161	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1648-1656	59.2	353
160	Meningioma. <i>Critical Reviews in Oncology/Hematology</i> , <b>2008</b> , 67, 153-71	7	221
159	Expression of hypoxia-inducible factor-1 alpha in oligodendrogliomas: its impact on prognosis and on neoangiogenesis. <i>Cancer</i> , <b>2001</b> , 92, 165-71	6.4	156
158	Epilepsy, hippocampal sclerosis and febrile seizures linked by common genetic variation around SCN1A. <i>Brain</i> , <b>2013</b> , 136, 3140-50	11.2	144
157	The Austrian Brain Tumour Registry: a cooperative way to establish a population-based brain tumour registry. <i>Journal of Neuro-Oncology</i> , <b>2009</b> , 95, 401-411	4.8	136
156	Differential influence of hippocampal subfields to memory formation: insights from patients with temporal lobe epilepsy. <i>Brain</i> , <b>2014</b> , 137, 1945-57	11.2	131
155	Gamma-knife radiosurgery for cranial base meningiomas: experience of tumor control, clinical course, and morbidity in a follow-up of more than 8 years. <i>Neurosurgery</i> , <b>2006</b> , 58, 28-36; discussion 28-36 <sup>2</sup>	3.2	110
154	Vascular patterns in glioblastoma influence clinical outcome and associate with variable expression of angiogenic proteins: evidence for distinct angiogenic subtypes. <i>Brain Pathology</i> , <b>2003</b> , 13, 133-43	6	108
153	Venous thromboembolism and survival in patients with high-grade glioma. <i>Neuro-Oncology</i> , <b>2007</b> , 9, 89-95	1	104
152	Low-grade Glioma Surgery in Intraoperative Magnetic Resonance Imaging: Results of a Multicenter Retrospective Assessment of the German Study Group for Intraoperative Magnetic Resonance Imaging. <i>Neurosurgery</i> , <b>2016</b> , 78, 775-86	3.2	83
151	Improving the extent of malignant glioma resection by dual intraoperative visualization approach. <i>PLoS ONE</i> , <b>2012</b> , 7, e44885	3.7	82
150	BIMG-04. MAPPING HETEROGENEITY OF HIGH-GRADE GLIOMA METABOLISM USING HIGH RESOLUTION 7T MRSI. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, i1-i1	0.9	78
149	Intraoperative tissue fluorescence using 5-aminolevulinic acid (5-ALA) is more sensitive than contrast MRI or amino acid positron emission tomography ((18)F-FET PET) in glioblastoma surgery. <i>Neurological Research</i> , <b>2012</b> , 34, 314-7	2.7	76
148	Perioperative levetiracetam for prevention of seizures in supratentorial brain tumor surgery. <i>Journal of Neuro-Oncology</i> , <b>2011</b> , 101, 101-6	4.8	72
147	International recommendation for a comprehensive neuropathologic workup of epilepsy surgery brain tissue: A consensus Task Force report from the ILAE Commission on Diagnostic Methods. <i>Epilepsia</i> , <b>2016</b> , 57, 348-58	6.4	72
146	Essentials in intraoperative indocyanine green videoangiography assessment for intracranial aneurysm surgery: conclusions from 295 consecutively clipped aneurysms and review of the literature. <i>Neurosurgical Focus</i> , <b>2014</b> , 36, E7	4.2	66
145	Progesterone-receptor index in meningiomas: correlation with clinico-pathological parameters and review of the literature. <i>Neurosurgical Review</i> , <b>2004</b> , 27, 238-45	3.9	62

144	Magnetoencephalography for epileptic focus localization in a series of 1000 cases. <i>Brain</i> , <b>2019</b> , 142, 3059-3071	6.0	60
143	High diagnostic accuracy of cytologic smears of central nervous system tumors. A 15-year experience based on 4,172 patients. <i>Acta Cytologica</i> , <b>2002</b> , 46, 667-74	3	59
142	Recurrent central neurocytomas. <i>Cancer</i> , <b>2005</b> , 104, 135-42	6.4	57
141	Intraventricular meningiomas: a report of 16 cases. <i>Neurosurgical Review</i> , <b>2006</b> , 29, 30-5	3.9	56
140	Ventricular cerebrospinal fluid and serum concentrations of sTNFR-I, IL-1ra, and IL-6 after aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2000</b> , 12, 297-306	3	52
139	Mild Malformation of Cortical Development with Oligodendroglial Hyperplasia in Frontal Lobe Epilepsy: A New Clinico-Pathological Entity. <i>Brain Pathology</i> , <b>2017</b> , 27, 26-35	6	51
138	Integration of functional neuronavigation and intraoperative MRI in surgery for drug-resistant extratemporal epilepsy close to eloquent brain areas. <i>Neurosurgical Focus</i> , <b>2013</b> , 34, E4	4.2	47
137	Fluorescent in situ hybridization on isolated tumor cell nuclei: a sensitive method for 1p and 19q deletion analysis in paraffin-embedded oligodendroglial tumor specimens. <i>Modern Pathology</i> , <b>2003</b> , 16, 708-15	9.8	46
136	Clinical relevance of source location in frontal lobe epilepsy and prediction of postoperative long-term outcome. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2014</b> , 23, 553-9	3.2	39
135	Frameless stereotactic lesion contour-guided surgery using a computer-navigated microscope. <i>World Neurosurgery</i> , <b>1998</b> , 49, 282-8; discussion 288-9		39
134	MR Imaging-derived Oxygen Metabolism and Neovascularization Characterization for Grading and IDH Gene Mutation Detection of Gliomas. <i>Radiology</i> , <b>2017</b> , 283, 799-809	20.5	37
133	Primary central nervous system lymphoma: a clinicopathological study of 75 cases. <i>Pathology</i> , <b>2010</b> , 42, 547-52	1.6	33
132	Intensified local treatment and systemic therapy significantly increase survival in patients with brain metastases from advanced breast cancer - a retrospective analysis. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 80, 313-7	5.3	33
131	Survival and prognostic factors of patients with unresectable glioblastoma multiforme. <i>Anti-Cancer Drugs</i> , <b>2003</b> , 14, 305-12	2.4	33
130	Audencel Immunotherapy Based on Dendritic Cells Has No Effect on Overall and Progression-Free Survival in Newly Diagnosed Glioblastoma: A Phase II Randomized Trial. <i>Cancers</i> , <b>2018</b> , 10,	6.6	31
129	Myeloid sarcoma with multiple lesions of the central nervous system in a patient without leukemia. Case report. <i>Journal of Neurosurgery</i> , <b>2006</b> , 105, 916-9	3.2	30
128	High expression of DNA topoisomerase IIalpha and Ki-67 antigen is associated with prolonged survival in glioblastoma patients. <i>European Journal of Cancer</i> , <b>2002</b> , 38, 1343-7	7.5	30
127	Detection of tumor necrosis factor-alpha protein and messenger RNA in human glial brain tumors: comparison of immunohistochemistry with in situ hybridization using molecular probes. <i>Journal of Neurosurgery</i> , <b>1995</b> , 83, 291-7	3.2	30

126	Genomic DNA methylation distinguishes subtypes of human focal cortical dysplasia. <i>Epilepsia</i> , <b>2019</b> , 60, 1091-1103	6.4	29
125	Proton magnetic resonance spectroscopic imaging in brain tumor diagnosis. <i>Neurosurgery Clinics of North America</i> , <b>2005</b> , 16, 101-14, vi	4	29
124	Magnetic resonance imaging biomarkers for clinical routine assessment of microvascular architecture in glioma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 632-643	7.3	28
123	A Frameless Stereotactic Implantation Technique for Depth Electrodes in Refractory Epilepsy Using Intraoperative Magnetic Resonance Imaging. <i>World Neurosurgery</i> , <b>2016</b> , 94, 206-210	2.1	27
122	Surgical management of epilepsy due to cerebral cavernomas using neuronavigation and intraoperative MR imaging. <i>Neurological Research</i> , <b>2013</b> , 35, 1076-83	2.7	27
121	Intratumoral heterogeneity of oxygen metabolism and neovascularization uncovers 2 survival-relevant subgroups of IDH1 wild-type glioblastoma. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 1536-1546	1	26
120	Resective surgery for medically refractory epilepsy using intraoperative MRI and functional neuronavigation: the Erlangen experience of 415 patients. <i>Neurosurgical Focus</i> , <b>2016</b> , 40, E15	4.2	26
119	Surgical target selection in cerebral glioma surgery: linking methionine (MET) PET image fusion and neuronavigation. <i>Minimally Invasive Neurosurgery</i> , <b>2007</b> , 50, 273-80		24
118	Improved resection in lesional temporal lobe epilepsy surgery using neuronavigation and intraoperative MR imaging: favourable long term surgical and seizure outcome in 88 consecutive cases. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2014</b> , 23, 201-7	3.2	23
117	No prognostic impact of survivin expression in glioblastoma. <i>Acta Neuropathologica</i> , <b>2005</b> , 109, 534-8	14.3	22
116	Stereotactic radiotherapy of vestibular schwannoma : Hearing preservation, vestibular function, and local control following primary and salvage radiotherapy. <i>Strahlentherapie Und Onkologie</i> , <b>2017</b> , 193, 200-212	4.3	21
115	Long-term outcome after epilepsy surgery in older adults. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2018</b> , 57, 56-62	3.2	19
114	Diversity of cytogenetic and pathohistologic profiles in glioblastoma. <i>Cancer Genetics and Cytogenetics</i> , <b>2006</b> , 166, 46-55		19
113	Recurrence of glioblastoma is associated with elevated microvascular transit time heterogeneity and increased hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 422-432	7.3	18
112	Improved Postoperative Facial Nerve and Hearing Function in Retrosigmoid Vestibular Schwannoma Surgery Significantly Associated with Semisitting Position. <i>World Neurosurgery</i> , <b>2016</b> , 87, 290-7	2.1	17
111	Response to imatinib as a function of target kinase expression in recurrent glioblastoma. <i>SpringerPlus</i> , <b>2014</b> , 3, 111		16
110	Image quality and artefact generation post-cerebral aneurysm clipping using a 64-row multislice computer tomography angiography (MSCTA) technology: A retrospective study and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , <b>2010</b> , 112, 386-91	2	16
109	Resection of cerebral gangliogliomas causing drug-resistant epilepsy: short- and long-term outcomes using intraoperative MRI and neuronavigation. <i>Neurosurgical Focus</i> , <b>2015</b> , 38, E5	4.2	15

108	Aneurysmatic subarachnoidal haemorrhage: incidence and location of small ruptured cerebral aneurysms - a retrospective population-based study. <i>Wiener Klinische Wochenschrift</i> , <b>2011</b> , 123, 444-9	2.3	15
107	Clinical characteristics and prognostic factors of adult patients with pilocytic astrocytoma. <i>Journal of Neuro-Oncology</i> , <b>2020</b> , 148, 187-198	4.8	14
106	Vascular Hysteresis Loops and Vascular Architecture Mapping in Patients with Glioblastoma treated with Antiangiogenic Therapy. <i>Scientific Reports</i> , <b>2017</b> , 7, 8508	4.9	14
105	No evidence for human papillomavirus infection in focal cortical dysplasia IIb. <i>Annals of Neurology</i> , <b>2015</b> , 77, 312-9	9.4	14
104	Proliferative activity as measured by MIB-1 labeling index and long-term outcome of cerebellar juvenile pilocytic astrocytomas. <i>Journal of Neuro-Oncology</i> , <b>2002</b> , 58, 141-6	4.8	14
103	High-resolution metabolic imaging of high-grade gliomas using 7T-CRT-FID-MRSI. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102433	5.3	14
102	Frameless stereotactic functional neuronavigation combined with intraoperative magnetic resonance imaging as a strategy in highly eloquent located tumors causing epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , <b>2014</b> , 92, 59-67	1.6	13
101	Current value of intraoperative electrocorticography (iopECoG). <i>Epilepsy and Behavior</i> , <b>2019</b> , 91, 20-24	3.2	13
100	Intraoperative Magnetic-Resonance Tomography and Neuronavigation During Resection of Focal Cortical Dysplasia Type II in Adult Epilepsy Surgery Offers Better Seizure Outcomes. <i>World Neurosurgery</i> , <b>2018</b> , 109, e43-e49	2.1	13
99	Feasibility and toxicity of CCNU therapy in elderly patients with glioblastoma multiforme. <i>Anti-Cancer Drugs</i> , <b>2003</b> , 14, 137-43	2.4	12
98	Retrospective analysis of re-irradiation in malignant glioma: a single-center experience. <i>Wiener Klinische Wochenschrift</i> , <b>2005</b> , 117, 821-6	2.3	12
97	The delta between postoperative seizure freedom and persistence: Automatically detected focal slow waves after epilepsy surgery. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 256-263	5.3	11
96	Neurological outcome and frequency of overdrainage in normal pressure hydrocephalus directly correlates with implanted ventriculo-peritoneal shunt valve type. <i>Neurological Research</i> , <b>2017</b> , 39, 601-605	2.7	11
95	Thalidomide as palliative treatment in patients with advanced secondary glioblastoma. <i>Oncology</i> , <b>2015</b> , 88, 173-9	3.6	11
94	Coregistrating magnetic source and magnetic resonance imaging for epilepsy surgery in focal cortical dysplasia. <i>NeuroImage: Clinical</i> , <b>2018</b> , 19, 487-496	5.3	11
93	Myxopapillary ependymoma with pleuropulmonary metastases and high plasma glial fibrillary acidic protein levels. <i>Journal of Clinical Oncology</i> , <b>2011</b> , 29, e756-7	2.2	11
92	Comparative fMRI and MEG localization of cortical sensorimotor function: Bimodal mapping supports motor area reorganization in glioma patients. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213371	3.7	10
91	How technology is driving the landscape of epilepsy surgery. <i>Epilepsia</i> , <b>2020</b> , 61, 841-855	6.4	10

90	Stereotactic radiotherapy as primary definitive or postoperative treatment of intracranial meningioma of WHO grade II and III leads to better disease control than stereotactic radiotherapy of recurrent meningioma. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 134, 407-416	4.8	10
89	Survival improvement in patients with glioblastoma multiforme during the last 20 years in a single tertiary-care center. <i>Wiener Klinische Wochenschrift</i> , <b>2003</b> , 115, 389-97	2.3	10
88	Vascular endothelia growth factor targeted therapy may improve the effect of dendritic cell-based cancer immune therapy. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , <b>2014</b> , 52, 76-7	2	10
87	Mosaic trisomy of chromosome 1q in human brain tissue associates with unilateral polymicrogyria, very early-onset focal epilepsy, and severe developmental delay. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 881-891	14.3	10
86	Physiologic MR imaging of the tumor microenvironment revealed switching of metabolic phenotype upon recurrence of glioblastoma in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2020</b> , 40, 528-538	7.3	10
85	Topoisomerase II alpha as a reliable proliferation marker in meningiomas. <i>Neurological Research</i> , <b>2002</b> , 24, 241-3	2.7	9
84	Ultra-high field MRI of human hippocampi: Morphological and multiparametric differentiation of hippocampal sclerosis subtypes. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196008	3.7	9
83	The combination of a programmable valve and a subclavicular anti-gravity device in hydrocephalus patients at high risk for hygromas. <i>Neurological Research</i> , <b>2012</b> , 34, 219-22	2.7	8
82	Overall survival and extent of surgery in adult versus elderly glioblastoma patients: A population based retrospective study. <i>Wiener Klinische Wochenschrift</i> , <b>2011</b> , 123, 364-8	2.3	8
81	Dysmorphic neurons as cellular source for phase-amplitude coupling in Focal Cortical Dysplasia Type II. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 782-792	4.3	8
80	Improved survival for elderly married glioblastoma patients : Better treatment delivery, less toxicity, and fewer disease complications. <i>Strahlentherapie Und Onkologie</i> , <b>2016</b> , 192, 797-805	4.3	8
79	Magnetoencephalography-guided surgery in frontal lobe epilepsy using neuronavigation and intraoperative MR imaging. <i>Epilepsy Research</i> , <b>2016</b> , 126, 26-36	3	8
78	Ultra-early Detection of Microcirculatory Injury as Predictor of Developing Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Clinical Neuroradiology</i> , <b>2018</b> , 28, 501-507	2.7	8
77	Risk reduction in dominant temporal lobe epilepsy surgery combining fMRI/DTI maps, neuronavigation and intraoperative 1.5-Tesla MRI. <i>Stereotactic and Functional Neurosurgery</i> , <b>2015</b> , 93, 168-77	1.6	7
76	Secretagogin expression in tumours of the human brain and its coverings. <i>Apmis</i> , <b>2007</b> , 115, 319-26	3.4	7
75	Trends and outcomes for non-elective neurosurgical procedures in Central Europe during the COVID-19 pandemic. <i>Scientific Reports</i> , <b>2021</b> , 11, 6171	4.9	7
74	Predicting Glioblastoma Response to Bevacizumab Through MRI Biomarkers of the Tumor Microenvironment. <i>Molecular Imaging and Biology</i> , <b>2019</b> , 21, 747-757	3.8	7
73	Combined Laser-Doppler Flowmetry and Spectrophotometry: Feasibility Study of a Novel Device for Monitoring Local Cortical Microcirculation during Aneurysm Surgery. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , <b>2017</b> , 78, 1-11	1.1	6



72	Prognostic Value of 5-ALA Fluorescence, Tumor Cell Infiltration and Angiogenesis in the Peritumoral Brain Tissue of Brain Metastases. <i>Cancers</i> , <b>2021</b> , 13,	6.6	6
71	Afterdischarges elicited by cortical electric stimulation in humans: When do they occur and what do they mean?. <i>Epilepsy and Behavior</i> , <b>2018</b> , 87, 173-179	3.2	6
70	Gamma Knife Radiosurgery for Brain Metastases in Non-Small Cell Lung Cancer Patients Treated with Immunotherapy or Targeted Therapy. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
69	High Interobserver Agreement in the Subjective Classification of 5-Aminolevulinic Acid Fluorescence Levels in Newly Diagnosed Glioblastomas. <i>Lasers in Surgery and Medicine</i> , <b>2020</b> , 52, 814-821	7.6	4
68	Real-Time, In Vivo Monitoring, and Quantitative Assessment of Intra-Arterial Vasospasm Therapy. <i>Neurocritical Care</i> , <b>2016</b> , 25, 40-6	3.3	4
67	Primary neuroendocrine (merkel cell) carcinoma of the anterior skull base. <i>Skull Base</i> , <b>1997</b> , 7, 151-8		4
66	TCGA mRNA Expression Analysis of the Heme Biosynthesis Pathway in Diffusely Infiltrating Gliomas: A Comparison of Typically 5-ALA Fluorescent and Non-Fluorescent Gliomas. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
65	Targeting fibroblast growth factor receptors to combat aggressive ependymoma. <i>Acta Neuropathologica</i> , <b>2021</b> , 142, 339-360	14.3	4
64	Infiltrative gliomas of the thalamus in children: the role of surgery in the era of H3 K27M mutant midline gliomas. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 2025-2035	3	4
63	Heme Biosynthesis mRNA Expression Signature: Towards a Novel Prognostic Biomarker in Patients with Diffusely Infiltrating Gliomas. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
62	Influence of Corticosteroids and Antiepileptic Drugs on Visible 5-Aminolevulinic Acid Fluorescence in a Series of Initially Suspected Low-Grade Gliomas Including World Health Organization Grade II, III, and IV Gliomas. <i>World Neurosurgery</i> , <b>2020</b> , 137, e437-e446	2.1	3
61	Psychosocial outcome in epilepsy after extratemporal surgery. <i>Epilepsy and Behavior</i> , <b>2018</b> , 81, 94-100	3.2	3
60	Feasibility of intraoperative motor evoked potential monitoring during tethered cord surgery in infants younger than 12 months. <i>Childs Nervous System</i> , <b>2021</b> , 1	1.7	3
59	Influence of preoperative corticosteroid treatment on rate of diagnostic surgeries in primary central nervous system lymphoma: a multicenter retrospective study. <i>BMC Cancer</i> , <b>2021</b> , 21, 754	4.8	3
58	Impaired myelin production due to an intrinsic failure of oligodendrocytes in mTORopathies. <i>Neuropathology and Applied Neurobiology</i> , <b>2021</b> , 47, 812-825	5.2	3
57	Refined Functional Magnetic Resonance Imaging and Magnetoencephalography Mapping Reveals Reorganization in Language-Relevant Areas of Lesioned Brains. <i>World Neurosurgery</i> , <b>2020</b> , 136, e41-e59	2.1	3
56	High Diagnostic Accuracy of Visible 5-ALA Fluorescence in Meningioma Surgery According to Histopathological Analysis of Tumor Bulk and Peritumoral Tissue. <i>Lasers in Surgery and Medicine</i> , <b>2021</b> , 53, 300-308	3.6	3
55	Pre-radiosurgery leucocyte ratios and modified glasgow prognostic score predict survival in non-small cell lung cancer brain metastases patients. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 151, 257-265	4.8	3

54	Robotic Navigated Laser Craniotomy for Depth Electrode Implantation in Epilepsy Surgery: A Cadaver Lab Study. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , <b>2021</b> , 82, 125-129	1.1	3
53	Intraoperative Magnetic Resonance Imaging of Cerebral Oxygen Metabolism During Resection of Brain Lesions. <i>World Neurosurgery</i> , <b>2017</b> , 100, 388-394	2.1	2
52	Technical Modification of Amygdalo-Hippocampectomy in Temporal Lobe Epilepsy Surgery to Further Reduce Severe Neurological Complications: A Clinical-Anatomical Study. <i>World Neurosurgery</i> , <b>2018</b> , 114, e129-e136	2.1	2
51	Investigation of subdural electrode displacement in invasive epilepsy surgery workup using neuronavigation and intraoperative MRI. <i>Neurological Research</i> , <b>2018</b> , 40, 811-821	2.7	2
50	Intraoperative Vascular Neuromonitoring in Patients with Subarachnoid Hemorrhage: A Pilot Study Using Combined Laser-Doppler Spectrophotometry. <i>World Neurosurgery</i> , <b>2017</b> , 107, 542-548	2.1	2
49	Xanthogranuloma of the anterior skull base: a case report. <i>Skull Base</i> , <b>1998</b> , 8, 215-9		2
48	DNA methylation-based classification of malformations of cortical development in the human brain. <i>Acta Neuropathologica</i> , <b>2021</b> , 1	14.3	2
47	Prognostic relevance of p53 protein expression in glioblastoma. <i>Oncology Reports</i> ,	3.5	2
46	Chirurgie der Temporallappenepilepsie. <i>Zeitschrift Fur Epileptologie</i> , <b>2020</b> , 33, 37-41	0.1	2
45	Development of a 3D printed patient-specific neonatal brain simulation model using multimodality imaging for perioperative management. <i>Pediatric Research</i> , <b>2021</b> ,	3.2	2
44	Neutrophil-to-Lymphocyte Ratio Is Superior to Other Leukocyte-Based Ratios as a Prognostic Predictor in Non-Small Cell Lung Cancer Patients with Radiosurgically Treated Brain Metastases Under Immunotherapy or Targeted Therapy. <i>World Neurosurgery</i> , <b>2021</b> , 151, e324-e331	2.1	2
43	Advantages of magnetoencephalography, neuronavigation and intraoperative MRI in epilepsy surgery re-operations. <i>Neurological Research</i> , <b>2021</b> , 43, 434-439	2.7	2
42	New-onset seizures after cranioplasty-a different view on a putatively frequently observed phenomenon. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 1437-1442	3	2
41	Inter-subject stability and regional concentration estimates of 3D-FID-MRSI in the human brain at 7 T. <i>NMR in Biomedicine</i> , <b>2021</b> , 34, e4596	4.4	2
40	Value of Flat-detector Computed Tomography Angiography with Intravenous Contrast Media Injection in the Evaluation and Treatment of Acutely Ruptured Aneurysms of the AcomA complex: A Single Center Experience in 15 Cases. <i>Clinical Neuroradiology</i> , <b>2018</b> , 28, 545-551	2.7	1
39	Characterization of a Factual Knowledge-Associated Brain Memory Area by Functional Magnetic Resonance Imaging and Implementation in Tumor and Epilepsy Brain Surgery. <i>World Neurosurgery</i> , <b>2017</b> , 107, 291-301	2.1	1
38	A randomized clinical trial for the treatment of glioblastoma multiforme with the individualized dendritic cell-based cancer immunotherapy AV0113.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 2052-2052	2.2	1
37	Risk Factors Promoting External Ventricular Drain Infections in Adult Neurosurgical Patients at the Intensive Care Unit-A Retrospective Study. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 734156	4.1	1



36	Normal Variants in Magnetoencephalography. <i>Journal of Clinical Neurophysiology</i> , <b>2020</b> , 37, 518-536	2.2	1
35	CSIG-30. TARGETING TELOMERASE VIA MEK INHIBITION IN AGGRESSIVE TERT PROMOTER MUTATED BRAIN TUMORS. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi39-vi40	1	1
34	Microvascular decompression in trigeminal neuralgia: predictors of pain relief, complication avoidance, and lessons learned. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 3321-3336	3	1
33	Risk Factors for Poor Postoperative Outcome and Epileptic Symptoms in Patients Diagnosed with Cerebral Cavernous Malformations. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , <b>2021</b> , 82, 59-63	1.1	1
32	Postoperative Magnetic Resonance Imaging After Surgery of Brain Metastases: Analysis of Extent of Resection and Potential Risk Factors for Incomplete Resection. <i>World Neurosurgery</i> , <b>2020</b> , 143, e365-e373	2.1	1
31	How to predict the consistency and vascularity of meningiomas by MRI: an institutional experience. <i>Neurological Research</i> , <b>2021</b> , 43, 693-699	2.7	1
30	The clinical relevance of laboratory prognostic scores for patients with radiosurgically treated brain metastases of non-pulmonary primary tumor. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 153, 497-505	4.8	1
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28	Histopathological proof of the pathogenicity of a rare GFAP mutation in a patient with flaccid paraparesis. <i>Brain and Development</i> , <b>2018</b> , 40, 330-333	2.2	1
27	Symmetric tract-based spatial statistics of patients with left versus right mesial temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroReport</i> , <b>2018</b> , 29, 1309-1314	1.7	1
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