

Michael Schulder

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

4,138
citations

172386

29
h-index

118793

62
g-index

77
all docs

77
docs citations

77
times ranked

4949
citing authors

#	ARTICLE	IF	CITATIONS
1	Rindopemimut with temozolomide for patients with newly diagnosed, EGFRvIII-expressing glioblastoma (ACT IV): a randomised, double-blind, international phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1373-1385.	5.1	776
2	Deep brain stimulation: current challenges and future directions. <i>Nature Reviews Neurology</i> , 2019, 15, 148-160.	4.9	721
3	Technology of deep brain stimulation: current status and future directions. <i>Nature Reviews Neurology</i> , 2021, 17, 75-87.	4.9	341
4	Stereotactic radiosurgery—an organized neurosurgery-sanctioned definition. <i>Journal of Neurosurgery</i> , 2007, 106, 1-5.	0.9	240
5	Functional image—guided surgery of intracranial tumors located in or near the sensorimotor cortex. <i>Journal of Neurosurgery</i> , 1998, 89, 412-418.	0.9	194
6	Tumor involvement of the corticospinal tract: diffusion magnetic resonance tractography with intraoperative correlation. <i>Journal of Neurosurgery</i> , 2001, 95, 1082.	0.9	97
7	Complication avoidance in laser interstitial thermal therapy: lessons learned. <i>Journal of Neurosurgery</i> , 2017, 126, 1238-1245.	0.9	95
8	Translocation of Broca's Area to the Contralateral Hemisphere as the Result of the Growth of a Left Inferior Frontal Glioma. <i>Journal of Computer Assisted Tomography</i> , 2002, 26, 941-943.	0.5	92
9	Cranial surgery navigation aided by a compact intraoperative magnetic resonance imager. <i>Journal of Neurosurgery</i> , 2001, 94, 936-945.	0.9	89
10	Advances in Intraoperative Optics: A Brief Review of Current Exoscope Platforms. <i>Operative Neurosurgery</i> , 2020, 19, 84-93.	0.4	89
11	Intrathecal Pumps. <i>Neurotherapeutics</i> , 2008, 5, 114-122.	2.1	87
12	Intraoperative Functional MRI Using a Real-Time Neurosurgical Navigation System. <i>Journal of Computer Assisted Tomography</i> , 1997, 21, 910-912.	0.5	80
13	Intraoperative Magnetic Resonance Imaging: Impact on Brain Tumor Surgery. <i>Cancer Control</i> , 2003, 10, 115-124.	0.7	69
14	Regression of multiple intracranial meningiomas after cessation of long-term progesterone agonist therapy. <i>Journal of Neurosurgery</i> , 2010, 112, 920-924.	0.9	60
15	Time-delayed contrast-enhanced MRI improves detection of brain metastases and apparent treatment volumes. <i>Journal of Neurosurgery</i> , 2016, 124, 489-495.	0.9	54
16	Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy?. <i>Molecular Psychiatry</i> , 2021, 26, 60-65.	4.1	54
17	Central nervous system tuberculosis: Medical management and surgical indications. <i>World Neurosurgery</i> , 1995, 44, 378-385.	1.3	53
18	Postoperative MRI appearance after transsphenoidal pituitary tumor resection. <i>World Neurosurgery</i> , 1999, 52, 592-599.	1.3	53

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19	Thalamic Stimulation in Patients with Multiple Sclerosis: Long-Term Follow-Up. <i>Stereotactic and Functional Neurosurgery</i> , 2003, 80, 48-55.	0.8	53
20	Cerebral tuberculosis with expansion into brainstem tuberculoma. <i>Journal of Neurosurgery</i> , 1994, 81, 927-931.	0.9	47
21	Thalamic Stimulation in Patients with Multiple Sclerosis. <i>Stereotactic and Functional Neurosurgery</i> , 1999, 72, 196-201.	0.8	45
22	Standardization of Amygdalohippocampectomy with Intraoperative Magnetic Resonance Imaging: Preliminary Experience. <i>Epilepsia</i> , 2002, 43, 430-436.	2.6	42
23	Cranial surgery with an expanded compact intraoperative magnetic resonance imager. <i>Journal of Neurosurgery</i> , 2006, 104, 611-617.	0.9	39
24	Permanent low-activity iodine-125 implants for cerebral metastases. <i>Journal of Neuro-Oncology</i> , 1997, 33, 213-221.	1.4	37
25	NONSURGICAL TREATMENT OF COMPOUND DEPRESSED SKULL FRACTURES. <i>Journal of Trauma</i> , 1993, 35, 441-447.	2.3	36
26	Functional magnetic resonance imaging aided radiation treatment planning. <i>Medical Physics</i> , 2000, 27, 1563-1572.	1.6	33
27	Hippocampal-sparing and target volume coverage in treating 3 to 10 brain metastases: A comparison of Gamma Knife, single-isocenter VMAT, CyberKnife, and TomoTherapy stereotactic radiosurgery. <i>Practical Radiation Oncology</i> , 2017, 7, 183-189.	1.1	33
28	Glioblastoma with PNET-like components has a higher frequency of isocitrate dehydrogenase 1 (IDH1) mutation and likely a better prognosis than primary glioblastoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2011, 4, 651-60.	0.5	32
29	Outcomes in Patients with Vestibular Schwannoma after Subtotal Resection and Adjuvant Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 216-224.	0.8	31
30	Falcotentorial plasmacytoma. <i>Journal of Neurosurgery</i> , 1999, 91, 132-135.	0.9	29
31	The effect of tumour type and distance on activation in the motor cortex. <i>Neuroradiology</i> , 2005, 47, 813-819.	1.1	29
32	Use of a compact intraoperative low-field magnetic imager in pediatric neurosurgery. <i>Child's Nervous System</i> , 2005, 21, 108-113.	0.6	29
33	Functional Magnetic Resonance Imaging in a Low-Field Intraoperative Scanner. <i>Stereotactic and Functional Neurosurgery</i> , 2003, 80, 125-131.	0.8	27
34	The radium bomb: Harvey Cushing and the interstitial irradiation of gliomas. <i>Journal of Neurosurgery</i> , 1996, 84, 530-532.	0.9	25
35	Functional MRI-Guided Surgery of Intracranial Tumors. <i>Stereotactic and Functional Neurosurgery</i> , 1997, 68, 98-105.	0.8	24
36	FUNCTIONAL IMAGING IN A LOW-FIELD, MOBILE INTRAOPERATIVE MAGNETIC RESONANCE SCANNER. <i>Neurosurgery</i> , 2007, 60, 143-149.	0.6	22

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37	Functional Magnetic Resonance Image-Guided Surgery of Tumors in or near the Primary Visual Cortex. Stereotactic and Functional Neurosurgery, 1999, 73, 31-36.	0.8	21
38	Stereotactic Accuracy of a Compact Intraoperative MRI System. Stereotactic and Functional Neurosurgery, 2007, 85, 69-74.	0.8	21
39	The Relationship of Imaging Techniques to the Accuracy of Frameless Stereotaxy. Stereotactic and Functional Neurosurgery, 1999, 72, 136-141.	0.8	18
40	Intraoperative MRI and Adjuvant Radiosurgery. Stereotactic and Functional Neurosurgery, 2001, 76, 151-158.	0.8	18
41	Neurosarcoid Infiltration of the Ventricular Catheter Causing Shunt Failure: A Case Report. World Neurosurgery, 1997, 48, 527-529.	1.3	17
42	Normal or non-diagnostic neuroimaging studies prior to the detection of malignant primary brain tumors. Journal of Clinical Neuroscience, 2012, 19, 411-414.	0.8	17
43	Fractal Analysis May Improve the Preoperative Identification of Atypical Meningiomas. Neurosurgery, 2017, 80, 300-308.	0.6	14
44	Combined Brain Mapping and Compact Intraoperative MRI for Brain Tumor Resection. Stereotactic and Functional Neurosurgery, 2018, 96, 172-181.	0.8	10
45	Functional Magnetic Resonance Imaging and Radiosurgical Dose Planning. Stereotactic and Functional Neurosurgery, 1999, 73, 38-44.	0.8	9
46	Frame-Based and Mask-Based Stereotactic Radiosurgery: The Patient Experience, Compared. Stereotactic and Functional Neurosurgery, 2021, 99, 241-249.	0.8	9
47	Impact of combined use of intraoperative MRI and awake microsurgical resection on patients with gliomas: a systematic review and meta-analysis. Neurosurgical Review, 2021, 44, 2977-2990.	1.2	9
48	Tumoral calcinosis of the lumbar spine. Journal of Neurosurgery: Spine, 1999, 91, 137.	0.9	8
49	From Microscopic to Astronomic, the Legacy of Carl Zeiss. Neurosurgery, 2003, 52, 668-674.	0.6	8
50	Tumor control and survival in patients with ten or more brain metastases treated with stereotactic radiosurgery: a retrospective analysis. Journal of Neuro-Oncology, 2019, 143, 167-174.	1.4	8
51	The Utility of High-Definition 2-Dimensional Stereotactic Exoscope in Cranial and Spinal Procedures. World Neurosurgery, 2022, 158, e231-e236.	0.7	7
52	â€œCaval-Septalâ€•Hematoma: Does It Exist?. Neurosurgery, 1987, 21, 239-241.	0.6	6
53	Stereotactic Accuracy of a 3-Tesla Magnetic Resonance Unit. Stereotactic and Functional Neurosurgery, 2003, 80, 140-145.	0.8	6
54	Relief of tension pneumocephalus with endotracheal intubation. World Neurosurgery, 2009, 71, 392-394.	1.3	6

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55	Neurosurgical Management of a Painful Subcutaneous Nodule of the Knee. <i>Neurosurgery</i> , 2014, 75, E190-E194.	0.6	6
56	Supracerebellar Transtentorial Approach for Occipital Meningioma to Maximize Visual Preservation: Technical Note. <i>Operative Neurosurgery</i> , 2019, 17, E177-E183.	0.4	6
57	Letter: A Guide to the Prioritization of Neurosurgical Cases After the COVID-19 Pandemic. <i>Neurosurgery</i> , 2020, 87, E411-E416.	0.6	6
58	Compact 0.12-Tesla Intraoperative Magnetic Resonance Image Guidance System in the Standard Operating Room. <i>Techniques in Neurosurgery</i> , 2002, 7, 252-264.	0.3	5
59	Primary CNS anaplastic diffuse large B-cell lymphoma mimicking undifferentiated metastatic tumors: a case report. <i>Journal of Neuro-Oncology</i> , 2010, 96, 433-436.	1.4	5
60	Central nervous system lymphoma in immunocompetent patients: The North Shore-Long Island Jewish Health System experience. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 75-79.	0.8	5
61	Cervical myelopathy due to migration of torkildsenâ€™s shunt. <i>World Neurosurgery</i> , 1999, 51, 27-30.	1.3	4
62	A Randomized Trial on the Efficacy of Topical Anesthesia for Pain Reduction during Frame Placement for Gamma Knife Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 259-264.	0.8	4
63	Subtotal Resection Followed by Adjuvant Radiosurgery for Large Vestibular Schwannomas: Outcomes with Regard to the Timing and Regimen of Irradiation. <i>Acta Neurochirurgica Supplementum</i> , 2021, 128, 1-5.	0.5	4
64	Reconstruction of Complex Facial Defects After Radical Resection of Advanced Skin Cancers. <i>Clinics in Plastic Surgery</i> , 2005, 32, 275-285.	0.7	3
65	Compact Intraoperative MRI: Stereotactic Accuracy and Future Directions. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 197-204.	0.8	3
66	Diffusion Tensor Imaging Color-Coded Maps: An Alternative to Tractography. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 295-304.	0.8	3
67	Commentary: First-In-Man Clinical Experience Using a High-Definition 3-Dimensional Exoscope System for Microneurosurgery. <i>Operative Neurosurgery</i> , 2019, 16, E161-E162.	0.4	2
68	Intrathecal bupivacaine for head and neck pain. <i>Local and Regional Anesthesia</i> , 2010, 3, 125.	2.8	1
69	The Proud History of Psychosurgery in the USA. <i>Acta Neurochirurgica Supplementum</i> , 2021, 128, 161-167.	0.5	1
70	Letter: Randomized Trial of Unilateral Focused Ultrasound Subthalamotomy for Parkinson Disease. <i>Neurosurgery</i> , 2021, 89, E95-E96.	0.6	1
71	A comparative history of psychosurgery. <i>Progress in Brain Research</i> , 2022, 270, 1-31.	0.9	1
72	Stereotactic Radiosurgery for Tonsillar Carcinoma. <i>Journal of Radiosurgery</i> , 1999, 2, 191-194.	0.1	0

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73	Acute Posttraumatic Pituitary Gland Hemorrhage. Journal of Computer Assisted Tomography, 2000, 24, 546-547.	0.5	0
74	Check the ‘Active Ingredients’ of Your Medications. Stereotactic and Functional Neurosurgery, 2008, 86, 187-187.	0.8	0
75	Digital photography using the intraoperative microscope in neurosurgery. World Neurosurgery, 2009, 72, 153-156.	1.3	0
76	Metastatic Medullary Carcinoma of Thyroid Presenting as a Dural-Based Mass: Case Report and Review of Literature. Endocrine Pathology, 2013, 24, 40-44.	5.2	0