

Markus F Oertel

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

639
citations

933447

10
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Directional deep brain stimulation: an intraoperative double-blind pilot study. <i>Brain</i> , 2014, 137, 2015-2026.	7.6	292
2	Directional local field potentials: A tool to optimize deep brain stimulation. <i>Movement Disorders</i> , 2018, 33, 159-164.	3.9	133
3	Optical properties of rabbit brain in the red and near-infrared: changes observed under <i>in vivo</i> , postmortem, frozen, and formalin-fixed conditions. <i>Journal of Biomedical Optics</i> , 2015, 20, 025006.	2.6	30
4	Laser interstitial thermal therapy in gliomas. <i>Cancer Letters</i> , 2020, 474, 151-157.	7.2	23
5	sEVD smartphone-navigated placement of external ventricular drains. <i>Acta Neurochirurgica</i> , 2020, 162, 513-521.	1.7	19
6	Anticonvulsive effect of anterior thalamic deep brain stimulation in super-refractory status epilepticus crucially depends on active stimulation zone—A single case observation. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 71, 286-288.	2.0	18
7	Deep brain electrical neurofeedback allows Parkinson patients to control pathological oscillations and quicken movements. <i>Scientific Reports</i> , 2021, 11, 7973.	3.3	17
8	Combined thalamic and subthalamic deep brain stimulation for tremor-dominant Parkinson's disease. <i>Acta Neurochirurgica</i> , 2017, 159, 265-269.	1.7	16
9	Is ultrasound perfusion imaging capable of detecting mismatch? A proof-of-concept study in acute stroke patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1517-1526.	4.3	12
10	T2-relaxometry predicts outcome of DBS in idiopathic Parkinson's disease. <i>NeuroImage: Clinical</i> , 2016, 12, 832-837.	2.7	11
11	Deep brain stimulation for locomotion in incomplete human spinal cord injury (DBS-SCI): protocol of a prospective one-armed multi-centre study. <i>BMJ Open</i> , 2021, 11, e047670.	1.9	11
12	Pyogenic brain abscess with atypical features resembling glioblastoma in advanced MRI imaging. <i>Radiology Case Reports</i> , 2017, 12, 365-370.	0.6	10
13	Adult anaplastic pilocytic astrocytoma—a diagnostic challenge? A case series and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2016, 147, 98-104.	1.4	8
14	Ultrasonic quantification of cerebral perfusion in acute anterior circulation occlusive stroke—A comparative challenge of the refill- and the bolus-kinetics approach. <i>PLoS ONE</i> , 2019, 14, e0220171.	2.5	6
15	Consensus Statement on High-Intensity Focused Ultrasound for Functional Neurosurgery in Switzerland. <i>Frontiers in Neurology</i> , 2021, 12, 722762.	2.4	6
16	Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2022, 13, 817072.	2.4	6
17	Tremor analysis with wearable sensors correlates with outcome after thalamic deep brain stimulation. <i>Clinical Parkinsonism & Related Disorders</i> , 2020, 3, 100066.	0.9	5
18	Mobile intraoperative CT-assisted frameless stereotactic biopsies achieved single-millimeter trajectory accuracy for deep-seated brain lesions in a sample of 7 patients. <i>BMC Neurology</i> , 2021, 21, 285.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Peroral Trigeminal Rhizotomy Using a Novel 3-Dimensional Printed Patient-Specific Guidance Tool. Operative Neurosurgery, 2021, 21, 491-496.	0.8	4
20	Comparison Between Flow-Regulated and Gravitational Shunt Valves in the Treatment of Normal Pressure Hydrocephalus: Flow-Grav Study. Neurosurgery, 2021, 89, 413-419.	1.1	3
21	A stereotactic frame-based drill guide-aided setting for laser interstitial thermal therapy. Acta Neurochirurgica, 2021, 163, 3447-3453.	1.7	2
22	Vascular decompression for trigeminal neuralgia - Past, present and future. Neurology India, 2016, 64, 1390.	0.4	2
23	In Reply: Peroral Trigeminal Rhizotomy Using a Novel 3-Dimensional Printed Patient-Specific Guidance Tool. Operative Neurosurgery, 2022, 22, e304-e305.	0.8	0