Markus F Oertel

List of Publications by Year
in descending order

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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	Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. Frontiers in Neurology, 2022, 13, 817072.	2.4	6
2	In Reply: Peroral Trigeminal Rhizotomy Using a Novel 3-Dimensional Printed Patient-Specific Guidance Tool. Operative Neurosurgery, 2022, 22, e304-e305.	0.8	0
3	Deep brain electrical neurofeedback allows Parkinson patients to control pathological oscillations and quicken movements. Scientific Reports, 2021, 11, 7973.	3.3	17
4	A stereotactic frame-based drill guide-aided setting for laser interstitial thermal therapy. Acta Neurochirurgica, 2021, 163, 3447-3453.	1.7	2
5	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
6	Mobile intraoperative CT-assisted frameless stereotactic biopsies achieved single-millimeter trajectory accuracy for deep-seated brain lesions in a sample of 7 patients. BMC Neurology, 2021, 21, 285.	1.8	5
7	Peroral Trigeminal Rhizotomy Using a Novel 3-Dimensional Printed Patient-Specific Guidance Tool. Operative Neurosurgery, 2021, 21, 491-496.	0.8	4
8	Consensus Statement on High-Intensity Focused Ultrasound for Functional Neurosurgery in Switzerland. Frontiers in Neurology, 2021, 12, 722762.	2.4	6
9	Deep brain stimulation for locomotion in incomplete human spinal cord injury (DBS-SCI): protocol of a prospective one-armed multi-centre study. BMJ Open, 2021, 11, e047670.	1.9	11
10	sEVDâ€”smartphone-navigated placement of external ventricular drains. Acta Neurochirurgica, 2020, 162, 513-521.	1.7	19
11	Tremor analysis with wearable sensors correlates with outcome after thalamic deep brain stimulation. Clinical Parkinsonism & Related Disorders, 2020, 3, 100066.	0.9	5
12	Laser interstitial thermal therapy in gliomas. Cancer Letters, 2020, 474, 151-157.	7.2	23
13	Ultrasonic quantification of cerebral perfusion in acute anterior circulation occlusive strokeâ€”A comparative challenge of the refill- and the bolus-kinetics approach. PLoS ONE, 2019, 14, e0220171.	2.5	6
14	Anticonvulsive effect of anterior thalamic deep brain stimulation in super-refractory status epilepticus crucially depends on active stimulation zoneâ€”A single case observation. Seizure: the Journal of the British Epilepsy Association, 2019, 71, 286-288.	2.0	18
15	Directional local field potentials: A tool to optimize deep brain stimulation. Movement Disorders, 2018, 33, 159-164.	3.9	133
16	Combined thalamic and subthalamic deep brain stimulation for tremor-dominant Parkinsonâ€™s disease. Acta Neurochirurgica, 2017, 159, 265-269.	1.7	16
17	Pyogenic brain abscess with atypical features resembling glioblastoma in advanced MRI imaging. Radiology Case Reports, 2017, 12, 365-370.	0.6	10
18	Is ultrasound perfusion imaging capable of detecting mismatch? A proof-of-concept study in acute stroke patients. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1517-1526.	4.3	12

#	Article	IF	Citations
19	T2-relaxometry predicts outcome of DBS in idiopathic Parkinson's disease. NeuroImage: Clinical, 2016, 12, 832-837.	2.7	11
20	Adult anaplastic pilocytic astrocytoma â€“ a diagnostic challenge? A case series and literature review. Clinical Neurology and Neurosurgery, 2016, 147, 98-104.	1.4	8
21	Vascular decompression for trigeminal neuralgia - Past, present and future. Neurology India, 2016, 64, 1390.	0.4	2
22	Optical properties of rabbit brain in the red and near-infrared: changes observed underin vivo, postmortem, frozen, and formalin-fixated conditions. Journal of Biomedical Optics, 2015, 20, 025006.	2.6	30
23	Directional deep brain stimulation: an intraoperative double-blind pilot study. Brain, 2014, 137, 2015-2026.	7.6	292