Markus FahlstrÃ¶m

List of Publications by Year
in descending order

25	384	933447 10	839539 18
papers	citations	h-index	g-index

26	26	26	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cerebral Pressure Autoregulation in Brain Injury and Disordersâ€“A Review on Monitoring, Management, and Future Directions. World Neurosurgery, 2022, 158, 118-131.	1.3	12
2	Refined Analysis of Chronic White Matter Changes after Traumatic Brain Injury and Repeated Sports-Related Concussions: Of Use in Targeted Rehabilitative Approaches?. Journal of Clinical Medicine, 2022, 11, 358.	2.4	2
3	Effects of Gastric Bypass Surgery on the Brain: Simultaneous Assessment of Glucose Uptake, Blood Flow, Neural Activity, and Cognitive Function During Normo- and Hypoglycemia. Diabetes, 2021, 70, 1265-1277.	0.6	18
4	Role of Preoperative Assessment in Predicting Tumor-Induced Plasticity in Patients with Diffuse Gliomas. Journal of Clinical Medicine, 2021, 10, 1108.	2.4	9
5	Evaluation of Arterial Spin Labeling MRIâ€”Comparison with 15O-Water PET on an Integrated PET/MR Scanner. Diagnostics, 2021, 11, 821.	2.6	2
6	White matter abnormalities in a patient with visual snow syndrome: New evidence from a diffusion tensor imaging study. European Journal of Neurology, 2021, 28, 2789-2793.	3.3	13
7	Variable Temporal Cerebral Blood Flow Response to Acetazolamide in Moyamoya Patients Measured Using Arterial Spin Labeling. Frontiers in Neurology, 2021, 12, 615017.	2.4	4
8	Tau aggregation and increased neuroinflammation in athletes after sports-related concussions and in traumatic brain injury patients â€“ A PET/MR study. NeuroImage: Clinical, 2021, 30, 102665.	2.7	29
9	The link between gliomas infiltration and white matter architecture investigated with electron microscopy and diffusion tensor imaging. NeuroImage: Clinical, 2021, 31, 102735.	2.7	11
10	Differences in the preferential location and invasiveness of diffuse lowâ€grade gliomas and their impact on outcome. Cancer Medicine, 2020, 9, 5446-5458.	2.8	10
11	High Intravascular Signal Arterial Transit Time Artifacts Have Negligible Effects on Cerebral Blood Flow and Cerebrovascular Reserve Capacity Measurement Using Single Postlabel Delay Arterial Spin-Labeling in Patients with Moyamoya Disease. American Journal of Neuroradiology, 2020, 41, 430-436.	2.4	13
12	New Insights Into the Anatomy, Connectivity and Clinical Implications of the Middle Longitudinal Fasciculus. Frontiers in Neuroanatomy, 2020, 14, 610324.	1.7	18
13	A novel radiological classification system for cerebral gliomas: The Brain-Grid. PLoS ONE, 2019, 14, e0211243.	2.5	13
14	Calculating deep brain stimulation amplitudes and power consumption by constrained optimization. Journal of Neural Engineering, 2019, 16, 016020.	3.5	12
15	Segmentation of Post-operative Glioblastoma in MRI by U-Net with Patient-Specific Interactive Refinement. Lecture Notes in Computer Science, 2019, , 115-122.	1.3	3
16	Aqueductal CSF Stroke Volume Is Increased in Patients with Idiopathic Normal Pressure Hydrocephalus and Decreases after Shunt Surgery. American Journal of Neuroradiology, 2019, 40, 453-459.	2.4	23
17	Quantitative and qualitative MRI evaluation of cerebral small vessel disease in an elderly population: a longitudinal study. Acta Radiologica, 2018, 59, 612-618.	1.1	30
18	Dynamic contrast-enhanced magnetic resonance imaging may act as a biomarker for vascular damage in normal appearing brain tissue after radiotherapy in patients with glioblastoma. Acta Radiologica Open, 2018, 7, 205846011880881.	0.6	6

#	Article	IF	Citations
19	Interactive Segmentation of Glioblastoma for Post-surgical Treatment Follow-up. , 2018, , .		2
20	Perfusion magnetic resonance imaging changes in normal appearing brain tissue after radiotherapy in glioblastoma patients may confound longitudinal evaluation of treatment response. Radiology and Oncology, 2018, 52, 143-151.	1.7	10
21	Diffusion kurtosis imaging of gliomas grades II and III - a study of perilesional tumor infiltration, tumor grades and subtypes at clinical presentation. Radiology and Oncology, 2017, 51, 121-129.	1.7	37
22	Imaging of Anterior Nucleus of Thalamus Using 1.5T MRI for Deep Brain Stimulation Targeting in Refractory Epilepsy. Neuromodulation, 2016, 19, 812-817.	0.8	30
23	Neurological Impairment Linked with Cortico-Subcortical Infiltration of Diffuse Low-Grade Gliomas at Initial Diagnosis Supports Early Brain Plasticity. Frontiers in Neurology, 2015, 6, 137.	2.4	22
24	Discrimination between glioma grades II and III in suspected low-grade gliomas using dynamic contrast-enhanced and dynamic susceptibility contrast perfusion MR imaging: a histogram analysis approach. Neuroradiology, 2014, 56, 1031-1038.	2.2	54
25	Can diffusion tensor imaging (DTI) outperform standard magnetic resonance imaging (MRI) investigations in post-COVID-19 autoimmune encephalitis?. Upsala Journal of Medical Sciences, 0, 127, .	0.9	1