Jakob U Blicher

List of Publications by Year
in descending order

41 papers	1,264 citations	516215 16 h-index	377514 34 g-index
41 all docs	41 docs citations	41 times ranked	2399 citing authors

#	Article	IF	Citations
1	Evaluation of the noradrenergic system in Parkinsonâ€™s disease: an 11C-MeNER PET and neuromelanin MRI study. Brain, 2018, 141, 496-504.	3.7	135
2	The Role of the Cerebral Capillaries in Acute Ischemic Stroke: The Extended Penumbra Model. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 635-648.	2.4	115
3	Capillary Transit Time Heterogeneity and Flow-Metabolism Coupling after Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1585-1598.	2.4	114
4	GABA Levels Are Decreased After Stroke and GABA Changes During Rehabilitation Correlate With Motor Improvement. Neurorehabilitation and Neural Repair, 2015, 29, 278-286.	1.4	110
5	The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation. NeuroImage: Clinical, 2017, 15, 106-117.	1.4	84
6	Continuous Theta-Burst Stimulation Demonstrates a Causal Role of Premotor Homunculus in Action Understanding. Psychological Science, 2014, 25, 963-972.	1.8	77
7	Long-term reproducibility of GABA magnetic resonance spectroscopy. NeuroImage, 2014, 99, 191-196.	2.1	66
8	Visualization of Altered Neurovascular Coupling in Chronic Stroke Patients using Multimodal Functional MRI. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 2044-2054.	2.4	64
9	Cortical Excitability in Chronic Stroke and Modulation by Training: A TMS Study. Neurorehabilitation and Neural Repair, 2009, 23, 486-493.	1.4	56
10	Transcranial Direct Current Stimulation Potentiates Improvements in Functional Ability in Patients With Chronic Stroke Receiving Constraint-Induced Movement Therapy. Stroke, 2017, 48, 229-232.	1.0	51
11	Automatic thalamus and hippocampus segmentation from MP2RAGE: comparison of publicly available methods and implications for DTI quantification. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1979-1991.	1.7	40
12	Magnetic resonance (MR) spectroscopic measurement of Î³-aminobutyric acid (GABA) in major depression before and after electroconvulsive therapy. Acta Neuropsychiatrica, 2019, 31, 17-26.	1.0	31
13	Cortical and Spinal Excitability Changes After Robotic Gait Training in Healthy Participants. Neurorehabilitation and Neural Repair, 2009, 23, 143-149.	1.4	29
14	Frequency drift in MR spectroscopy at 3T. NeuroImage, 2021, 241, 118430.	2.1	28
15	Occipital GABA correlates with cognitive failures in daily life. NeuroImage, 2014, 87, 55-60.	2.1	27
16	Human Occipital and Parietal GABA Selectively Influence Visual Perception of Orientation and Size. Journal of Neuroscience, 2017, 37, 8929-8937.	1.7	27
17	Early diagnosis of amyotrophic lateral sclerosis by threshold tracking and conventional transcranial magnetic stimulation. European Journal of Neurology, 2021, 28, 3030-3039.	1.7	19
18	Perfusion and pH MRI in familial hemiplegic migraine with prolonged aura. Cephalalgia, 2016, 36, 279-283.	1.8	17

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19	Evidence of Increased Motoneuron Excitability in Stroke Patients Without Clinical Spasticity. Neurorehabilitation and Neural Repair, 2009, 23, 14-16.	1.4	15
20	Exogenous dopamine reduces <scp>GABA</scp> receptor availability in the human brain. Brain and Behavior, 2016, 6, e00484.	1.0	15
21	Improved estimates for the role of grey matter volume and GABA in bistable perception. Cortex, 2016, 83, 292-305.	1.1	14
22	Attenuation of dopamineâ€induced GABA release in problem gamblers. Brain and Behavior, 2019, 9, e01239.	1.0	13
23	Cortical GABA in migraine with aura -an ultrashort echo magnetic resonance spectroscopy study. Journal of Headache and Pain, 2019, 20, 110.	2.5	13
24	Does long-term outcome after intensive inpatient rehabilitation of acquired brain injury depend on etiology?. NeuroRehabilitation, 2008, 23, 175-183.	0.5	11
25	Metabolic MRI with hyperpolarized [1-¹³C]pyruvate separates benign oligemia from infarcting penumbra in porcine stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2916-2927.	2.4	10
26	Diffusion MRI findings in patients with extensive and minimal post-concussion symptoms after mTBI and healthy controls: a cross sectional study. Brain Injury, 2018, 32, 91-98.	0.6	9
27	Cognitive status does not predict motor gain from post stroke constraint-induced movement therapy. NeuroRehabilitation, 2014, 34, 201-207.	0.5	8
28	Decreased GABA levels in the symptomatic hemisphere in patients with transient ischemic attack. Heliyon, 2018, 4, e00790.	1.4	8
29	Initial Experience on Hyperpolarized [1-13C]Pyruvate MRI Multicenter Reproducibilityâ€"Are Multicenter Trials Feasible?. Tomography, 2022, 8, 585-595.	0.8	8
30	Lactate saturation limits bicarbonate detection in hyperpolarized <scp>¹³C</scp>â€pyruvate <scp>MRI</scp> of the brain. Magnetic Resonance in Medicine, 2022, 88, 1170-1179.	1.9	8
31	Test-Retest Reliability of Short-Interval Intracortical Inhibition Assessed by Threshold-Tracking and Automated Conventional Techniques. ENeuro, 2021, 8, ENEURO.0103-21.2021.	0.9	7
32	Effect of repetitive transcranial magnetic stimulation on altered perception of Oneâ€™s own face. Brain Stimulation, 2020, 13, 554-561.	0.7	6
33	Online control of an assistive active glove by slow cortical signals in patients with amyotrophic lateral sclerosis. Journal of Neural Engineering, 2021, 18, 046085.	1.8	6
34	Participant-specific classifier tuning increases the performance of hand movement detection from EEG in patients with amyotrophic lateral sclerosis. Journal of Neural Engineering, 2021, 18, 056023.	1.8	6
35	Imaging Neurodegenerative Metabolism in Amyotrophic Lateral Sclerosis with Hyperpolarized [1-13C]pyruvate MRI. Tomography, 2022, 8, 1570-1577.	0.8	5
36	Does long-term outcome after intensive inpatient rehabilitation of acquired brain injury depend on etiology?. NeuroRehabilitation, 2008, 23, 175-83.	0.5	4

#	Article	IF	Citations
37	Microstructural changes in the brain after longâ€term postâ€concussion symptoms: A randomized trial. Journal of Neuroscience Research, 2021, 99, 872-886.	1.3	3
38	Design and Performance Evaluation of a Hybrid Hand Exoskeleton for Hand Opening/Closing. Journal of Medical Devices, Transactions of the ASME, 2021, 15, .	0.4	3
39	Navigated transcranial magnetic stimulation in amyotrophic lateral sclerosis. Muscle and Nerve, 2015, 51, 305-305.	1.0	1
40	Facilitatory Effect of Intermittent Repetitive Transcranial Magnetic Stimulation on Perceptual Distortion of the Face. Journal of Pain, 2022, 23, 1051-1059.	0.7	1
41	Unconvincing statistical and functional inferences: reply to Catmur. Frontiers in Human Neuroscience, 2014, 8, 887.	1.0	0