

Laura Tiemann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

956
citations

567281

15
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal "spectral signaling of sensory information and expectations in the cerebral processing of pain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	17
2	Dynamics of brain function in patients with chronic pain assessed by microstate analysis of resting-state electroencephalography. Pain, 2021, 162, 2894-2908.	4.2	15
3	Exploring Dynamic Connectivity Biomarkers of Neuropsychiatric Disorders. Trends in Cognitive Sciences, 2021, 25, 336-338.	7.8	6
4	Modulating Brain Rhythms of Pain Using Transcranial Alternating Current Stimulation (tACS) - A Sham-Controlled Study in Healthy Human Participants. Journal of Pain, 2021, 22, 1256-1272.	1.4	9
5	Neural oscillations and connectivity characterizing the state of tonic experimental pain in humans. Human Brain Mapping, 2020, 41, 17-29.	3.6	31
6	Cognitive impairment in early MS: contribution of white matter lesions, deep grey matter atrophy, and cortical atrophy. Journal of Neurology, 2020, 267, 2307-2318.	3.6	23
7	Longitudinal prevalence and determinants of pain in multiple sclerosis: results from the German National Multiple Sclerosis Cohort study. Pain, 2020, 161, 787-796.	4.2	29
8	Perceptual and motor responses directly and indirectly mediate the effects of noxious stimuli on autonomic responses. Pain, 2019, 160, 2811-2818.	4.2	3
9	Brain dysfunction in chronic pain patients assessed by resting-state electroencephalography. Pain, 2019, 160, 2751-2765.	4.2	69
10	Prefrontal gamma oscillations reflect ongoing pain intensity in chronic back pain patients. Human Brain Mapping, 2019, 40, 293-305.	3.6	90
11	Distinct patterns of brain activity mediate perceptual and motor and autonomic responses to noxious stimuli. Nature Communications, 2018, 9, 4487.	12.8	40
12	Motor Responses to Noxious Stimuli Shape Pain Perception in Chronic Pain Patients. ENeuro, 2018, 5, ENEURO.0290-18.2018.	1.9	1
13	Brain oscillations differentially encode noxious stimulus intensity and pain intensity. NeuroImage, 2017, 148, 141-147.	4.2	79
14	Behavioral responses to noxious stimuli shape the perception of pain. Scientific Reports, 2017, 7, 44083.	3.3	13
15	Autonomic responses to tonic pain are more closely related to stimulus intensity than to pain intensity. Pain, 2017, 158, 2129-2136.	4.2	48
16	Influence of pain on motor preparation in the human brain. Journal of Neurophysiology, 2017, 118, 2267-2274.	1.8	12
17	Prevalence of neuropathic pain in early multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1224-1230.	3.0	47
18	Differential neurophysiological correlates of bottom-up and top-down modulations of pain. Pain, 2015, 156, 289-296.	4.2	52

#	ARTICLE	IF	CITATIONS
19	Prefrontal Gamma Oscillations Encode Tonic Pain in Humans. <i>Cerebral Cortex</i> , 2015, 25, 4407-4414.	2.9	189
20	Dopamine Precursor Depletion Influences Pain Affect Rather than Pain Sensation. <i>PLoS ONE</i> , 2014, 9, e96167.	2.5	36
21	Behavioral and Neuronal Investigations of Hypervigilance in Patients with Fibromyalgia Syndrome. <i>PLoS ONE</i> , 2012, 7, e35068.	2.5	34
22	Gamma oscillations are involved in the sensorimotor transformation of pain. <i>Journal of Neurophysiology</i> , 2012, 108, 1025-1031.	1.8	44
23	Gamma oscillations as a neuronal correlate of the attentional effects of pain. <i>Pain</i> , 2010, 150, 302-308.	4.2	64