

Tobias Schmidt-Wilcke

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,169
citations

279798

23
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Brain Anomalies and Chronic Pain: A Quantitative Meta-Analysis of Gray Matter Volume. <i>Journal of Pain</i> , 2013, 14, 663-675.	1.4	233
2	Changes in regional gray matter volume in women with chronic pelvic pain: A voxel-based morphometry study. <i>Pain</i> , 2012, 153, 1006-1014.	4.2	201
3	Fibromyalgia: from pathophysiology to therapy. <i>Nature Reviews Rheumatology</i> , 2011, 7, 518-527.	8.0	181
4	Reduced insular γ -aminobutyric acid in fibromyalgia. <i>Arthritis and Rheumatism</i> , 2012, 64, 579-583.	6.7	171
5	Functional Connectivity Is Associated With Altered Brain Chemistry in Women With Endometriosis-Associated Chronic Pelvic Pain. <i>Journal of Pain</i> , 2016, 17, 1-13.	1.4	135
6	Altered Resting State Connectivity of the Insular Cortex in Individuals With Fibromyalgia. <i>Journal of Pain</i> , 2014, 15, 815-826.e1.	1.4	133
7	Impact of frequency drift on gamma-aminobutyric acid-edited MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 941-948.	3.0	100
8	Increased Brain Gray Matter in the Primary Somatosensory Cortex is Associated with Increased Pain and Mood Disturbance in Patients with Interstitial Cystitis/Painful Bladder Syndrome. <i>Journal of Urology</i> , 2015, 193, 131-137.	0.4	82
9	Striatal GABA-MRS predicts response inhibition performance and its cortical electrophysiological correlates. <i>Brain Structure and Function</i> , 2015, 220, 3555-3564.	2.3	78
10	Pain-free resting-state functional brain connectivity predicts individual pain sensitivity. <i>Nature Communications</i> , 2020, 11, 187.	12.8	72
11	Resting Functional Connectivity of the Periaqueductal Gray Is Associated With Normal Inhibition and Pathological Facilitation in Conditioned Pain Modulation. <i>Journal of Pain</i> , 2018, 19, 635.e1-635.e15.	1.4	70
12	Pharmacologic attenuation of cross-modal sensory augmentation within the chronic pain insula. <i>Pain</i> , 2016, 157, 1933-1945.	4.2	63
13	Coordinate-based (ALE) meta-analysis of brain activation in patients with fibromyalgia. <i>Human Brain Mapping</i> , 2016, 37, 1749-1758.	3.6	61
14	Diminished white matter integrity in patients with systemic lupus erythematosus. <i>NeuroImage: Clinical</i> , 2014, 5, 291-297.	2.7	55
15	Feeling safe in the plane: Neural mechanisms underlying superior action control in airplane pilot trainees—A combined EEG/MRS study. <i>Human Brain Mapping</i> , 2014, 35, 5040-5051.	3.6	52
16	Neuroimaging of chronic pain. <i>Best Practice and Research in Clinical Rheumatology</i> , 2015, 29, 29-41.	3.3	49
17	Combined glutamate and glutamine levels in pain-processing brain regions are associated with individual pain sensitivity. <i>Pain</i> , 2016, 157, 2248-2256.	4.2	46
18	Increased thalamic glutamate/glutamine levels in migraineurs. <i>Journal of Headache and Pain</i> , 2018, 19, 55.	6.0	46

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19	Changes in Clinical Pain in Fibromyalgia Patients Correlate with Changes in Brain Activation in the Cingulate Cortex in a Response Inhibition Task. <i>Pain Medicine</i> , 2014, 15, 1346-1358.	1.9	42
20	Interrelation of resting state functional connectivity, striatal GABA levels, and cognitive control processes. <i>Human Brain Mapping</i> , 2015, 36, 4383-4393.	3.6	31
21	Resting BOLD fluctuations in the primary somatosensory cortex correlate with tactile acuity. <i>Cortex</i> , 2015, 64, 20-28.	2.4	28
22	Diffusion tensor imaging of the human calf: Variation of inter- and intramuscle-specific diffusion parameters. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1137-1148.	3.4	28
23	Impairment of Motor Function Correlates with Neurometabolite and Brain Iron Alterations in Parkinson's Disease. <i>Cells</i> , 2019, 8, 96.	4.1	28
24	Transcutaneous Spinal Direct Current Stimulation Alters Resting-State Functional Connectivity. <i>Brain Connectivity</i> , 2017, 7, 357-365.	1.7	23
25	Association of exposure to manganese and iron with striatal and thalamic GABA and other neurometabolites – Neuroimaging results from the WELDOX II study. <i>NeuroToxicology</i> , 2018, 64, 60-67.	3.0	23
26	MR Diffusion Tractography to Identify and Characterize Microstructural White Matter Tract Changes in Systemic Lupus Erythematosus Patients. <i>Academic Radiology</i> , 2016, 23, 1431-1440.	2.5	21
27	Neuroimaging markers of clinical progression in chronic inflammatory demyelinating polyradiculoneuropathy. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641985548.	3.5	20
28	Resting-state functional heterogeneity of the right insula contributes to pain sensitivity. <i>Scientific Reports</i> , 2021, 11, 22945.	3.3	16
29	Association of exposure to manganese and iron with relaxation rates R1 and R2* - magnetic resonance imaging results from the WELDOX II study. <i>NeuroToxicology</i> , 2018, 64, 68-77.	3.0	14
30	Confocal Cornea Microscopy Detects Involvement of Corneal Nerve Fibers in a Patient with Light-Chain Amyloid Neuropathy Caused by Multiple Myeloma: A Case Report. <i>Case Reports in Neurology</i> , 2016, 8, 134-139.	0.7	12
31	GABA Levels in Left and Right Sensorimotor Cortex Correlate across Individuals. <i>Biomedicines</i> , 2018, 6, 80.	3.2	12
32	Network properties and regional brain morphology of the insular cortex correlate with individual pain thresholds. <i>Human Brain Mapping</i> , 2021, 42, 4896-4908.	3.6	12
33	From perceptual to lexico-semantic analysis – cortical plasticity enabling new levels of processing. <i>Human Brain Mapping</i> , 2015, 36, 4512-4528.	3.6	9
34	Transition From Sublexical to Lexico-Semantic Stimulus Processing. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 522384.	2.5	6
35	Pain Perception, Brain Connectivity, and Neurochemistry in Healthy, Capsaicin-Sensitive Subjects. <i>Neural Plasticity</i> , 2020, 2020, 1-11.	2.2	4
36	Altered social decision making in patients with chronic pain. <i>Psychological Medicine</i> , 2023, 53, 2466-2475.	4.5	4

#	ARTICLE	IF	CITATIONS
37	Association of exposure to manganese and fine motor skills in welders - Results from the WELDOX II study. <i>NeuroToxicology</i> , 2021, 82, 137-145.	3.0	3
38	Cortical Thinning of Motor and Non-Motor Brain Regions Enables Diagnosis of Amyotrophic Lateral Sclerosis and Supports Distinction between Upper- and Lower-Motoneuron Phenotypes. <i>Biomedicines</i> , 2021, 9, 1195.	3.2	3
39	P125â€¦Whole-brain r1 mapping of manganese in welders - visualisation of increased mn levels in the brain. , 2016, , .		1
40	Brain volume patterns in corticobasal syndrome versus idiopathic Parkinson's disease. <i>Journal of Neuroimaging</i> , 2022, , .	2.0	1