

Sebastian Olbrich

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,198
citations

304743

22
h-index

233421

45
g-index

65
all docs

65
docs citations

65
times ranked

2517
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG-vigilance and BOLD effect during simultaneous EEG/fMRI measurement. <i>NeuroImage</i> , 2009, 45, 319-332.	4.2	307
2	EEG biomarkers in major depressive disorder: Discriminative power and prediction of treatment response. <i>International Review of Psychiatry</i> , 2013, 25, 604-618.	2.8	246
3	Predicting sex from brain rhythms with deep learning. <i>Scientific Reports</i> , 2018, 8, 3069.	3.3	141
4	Personalized Medicine: Review and Perspectives of Promising Baseline EEG Biomarkers in Major Depressive Disorder and Attention Deficit Hyperactivity Disorder. <i>Neuropsychobiology</i> , 2015, 72, 229-240.	1.9	127
5	Functional connectivity in major depression: Increased phase synchronization between frontal cortical EEG-source estimates. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 91-99.	1.8	108
6	Hyperstable regulation of vigilance in patients with major depressive disorder. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 436-446.	2.6	95
7	ICA-based muscle artefact correction of EEG data: What is muscle and what is brain?. <i>NeuroImage</i> , 2011, 54, 1-3.	4.2	67
8	EEG Vigilance Regulation Patterns and Their Discriminative Power to Separate Patients with Major Depression from Healthy Controls. <i>Neuropsychobiology</i> , 2012, 65, 188-194.	1.9	65
9	EEG-vigilance differences between patients with borderline personality disorder, patients with obsessive-compulsive disorder and healthy controls. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 137-143.	3.2	57
10	Translational machine learning for psychiatric neuroimaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 91, 113-121.	4.8	56
11	Are Psychostimulants a Treatment Option in Mania?. <i>Pharmacopsychiatry</i> , 2009, 42, 169-174.	3.3	53
12	EEG-vigilance and response to stimulants in paediatric patients with attention deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2010, 121, 1511-1518.	1.5	53
13	Impact of EEG-vigilance on brain glucose uptake measured with [18F]FDG and PET in patients with depressive episode or mild cognitive impairment. <i>NeuroImage</i> , 2011, 56, 93-101.	4.2	49
14	Neural correlates of impaired emotional face recognition in cerebellar lesions. <i>Brain Research</i> , 2015, 1613, 1-12.	2.2	49
15	Brain and Body. <i>Journal of Psychophysiology</i> , 2011, 25, 190-200.	0.7	46
16	Stratified psychiatry: Tomorrow's precision psychiatry?. <i>European Neuropsychopharmacology</i> , 2022, 55, 14-19.	0.7	42
17	CNS- and ANS-arousal predict response to antidepressant medication: Findings from the randomized iSPOT-D study. <i>Journal of Psychiatric Research</i> , 2016, 73, 108-115.	3.1	40
18	Treatment of Acute Mania with Modafinil Monotherapy. <i>Biological Psychiatry</i> , 2010, 67, e55-e57.	1.3	38

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19	Mental health treatment seeking among patients with OCD: impact of age of onset. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2013, 48, 813-819.	3.1	32
20	Deep learning applied to electroencephalogram data in mental disorders: A systematic review. <i>Biological Psychology</i> , 2021, 162, 108117.	2.2	32
21	Altered EEG lagged coherence during rest in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 2421-2430.	1.5	29
22	Unstable EEG-vigilance in patients with cancer-related fatigue (CRF) in comparison to healthy controls. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 146-152.	2.6	24
23	Machine Learning: An Approach in Identifying Risk Factors for Coercion Compared to Binary Logistic Regression. <i>Frontiers in Psychiatry</i> , 2018, 9, 258.	2.6	24
24	Prestimulus vigilance predicts response speed in an easy visual discrimination task. <i>Behavioral and Brain Functions</i> , 2011, 7, 31.	3.3	19
25	Event-related potentials indicating impaired emotional attention in cerebellar stroke—A case study. <i>Neuroscience Letters</i> , 2013, 548, 206-211.	2.1	19
26	Effects of EEG-vigilance regulation patterns on early perceptual processes in human visual cortex. <i>Clinical Neurophysiology</i> , 2014, 125, 98-107.	1.5	19
27	Objective markers for sleep propensity: comparison between the Multiple Sleep Latency Test and the Vigilance Algorithm Leipzig. <i>Journal of Sleep Research</i> , 2015, 24, 450-457.	3.2	19
28	LSD and ketanserin and their impact on the human autonomic nervous system. <i>Psychophysiology</i> , 2021, 58, e13822.	2.4	19
29	The two decades brainclinics research archive for insights in neurophysiology (TDBRAIN) database. <i>Scientific Data</i> , 2022, 9, .	5.3	19
30	Pretreatment qEEG biomarkers for predicting pharmacological treatment outcome in major depressive disorder: Independent validation from the NeuroPharm study. <i>European Neuropsychopharmacology</i> , 2021, 49, 101-112.	0.7	18
31	Avoiding the ballistocardiogram (BCG) artifact of EEG data acquired simultaneously with fMRI by pulse-triggered presentation of stimuli. <i>Journal of Neuroscience Methods</i> , 2010, 186, 231-241.	2.5	16
32	EEG-vigilance regulation during the resting state in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 497-502.	1.5	16
33	Probing the “Default Network Interference Hypothesis” With EEG: An RDoC Approach Focused on Attention. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 404-412.	1.7	16
34	Time perception at different EEG-vigilance levels. <i>Behavioral and Brain Functions</i> , 2012, 8, 50.	3.3	14
35	Personalized Medicine in ADHD and Depression: Use of Pharmaco-EEG. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 21, 345-370.	1.7	14
36	EEG-arousal regulation as predictor of treatment response in patients suffering from obsessive compulsive disorder. <i>Clinical Neurophysiology</i> , 2017, 128, 1906-1914.	1.5	14

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37	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. <i>Clinical EEG and Neuroscience</i> , 2021, 52, 3-28.	1.7	13
38	The Diagnostic Value of Clinical EEG in Detecting Abnormal Synchronicity in Panic Disorder. <i>Clinical EEG and Neuroscience</i> , 2011, 42, 166-174.	1.7	12
39	Exposure to attachment narratives dynamically modulates cortical arousal during the resting state in the listener. <i>Brain and Behavior</i> , 2018, 8, e01007.	2.2	12
40	NeuroPharm study: EEG wakefulness regulation as a biomarker in MDD. <i>Journal of Psychiatric Research</i> , 2021, 141, 57-65.	3.1	12
41	Electroencephalogram Source Connectivity in the Prediction of Electroconvulsive Therapy Outcome in Major Depressive Disorder. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 10-18.	1.7	11
42	Predictive value of heart rate in treatment of major depression with ketamine in two controlled trials. <i>Clinical Neurophysiology</i> , 2021, 132, 1339-1346.	1.5	11
43	Functional connectivity alterations between default mode network and occipital cortex in patients with obsessive-compulsive disorder (OCD). <i>NeuroImage: Clinical</i> , 2022, 33, 102915.	2.7	11
44	Separation of Low-Voltage EEG-Activity During Mental Activation from that During Transition to Drowsiness. <i>Brain Topography</i> , 2013, 26, 538-546.	1.8	10
45	Sleep maintenance, spindling excessive beta and impulse control: an RDoC arousal and regulatory systems approach?. <i>Neuropsychiatric Electrophysiology</i> , 2015, 1, .	4.1	10
46	Smartphone based Geo-Feedback in obsessive compulsive disorder as facilitatory intervention: A case report. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2016, 8, 75-78.	1.5	10
47	EEG Vigilance and Phenotypes in Neuropsychiatry. , 2011, , 79-435.		10
48	Length of Involuntary Hospitalization Related to the Referring Physician's Psychiatric Emergency Experience. <i>Administration and Policy in Mental Health and Mental Health Services Research</i> , 2018, 45, 254-264.	2.1	8
49	Hyperstable arousal regulation in multiple sclerosis. <i>Psychoneuroendocrinology</i> , 2019, 110, 104417.	2.7	8
50	Suicidal ideations and suicide attempts prior to admission to a psychiatric hospital in the first six months of the COVID-19 pandemic: interrupted time-series analysis to estimate the impact of the lockdown and comparison of 2020 with 2019. <i>BJPsych Open</i> , 2022, 8, e24.	0.7	8
51	Future of clinical EEG in psychiatric disorders: Shifting the focus from diagnosis to the choice of optimal treatment. <i>Clinical Neurophysiology</i> , 2016, 127, 17-18.	1.5	6
52	Exposure and response prevention therapy augmented with naltrexone in kleptomania: a controlled case study using galvanic skin response for monitoring. <i>Behavioural and Cognitive Psychotherapy</i> , 2019, 47, 622-627.	1.2	6
53	The way ahead for predictive EEG biomarkers in treatment of depression. <i>Clinical Neurophysiology</i> , 2021, 132, 616-617.	1.5	4
54	Treating brainwaves is not an option. <i>Nature</i> , 2018, 557, 309-309.	27.8	4

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55	Subcortical activity in electrophysiological scalp recordings. <i>Clinical Neurophysiology</i> , 2015, 126, 1279-1280.	1.5	2
56	Two EEG Channels Do Not Make a ~Quantitative EEG (QEEG)~™: A Response to Widge, Avery and Zarkowski (2013). <i>Brain Stimulation</i> , 2014, 7, 146-148.	1.6	1
57	Elektrophysiologische Methoden zur Erfassung der Wachheitsregulation und Vigilanz. <i>Neurophysiologie-Labor</i> , 2015, 37, 79-90.	0.0	1
58	Fit for Work and Life~™ an eight-week program for improvement of functionality and quality of life. <i>Neuropsychiatrie</i> , 2022, , 1.	2.5	1
59	19th biennial IPEC Meeting. <i>Neuropsychiatric Electrophysiology</i> , 2016, 2, .	4.1	0
60	Backtracing persistent biomarker shifts to the age of onset: A novel procedure applied to men~™s and women~™s white blood cell counts in post-traumatic stress disorder. <i>Biomarkers in Neuropsychiatry</i> , 2021, 4, 100030.	1.0	0
61	Editorial: Biological Psychology in the rearview mirror~™ From the clinic to the clinic. <i>Biological Psychology</i> , 2022, 169, 108263.	2.2	0