

# 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	Stratified psychiatry: Tomorrow's precision psychiatry?. <i>European Neuropsychopharmacology</i> , 2022, 55, 14-19.	0.7	42
2	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
3	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
4	Editorial: Biological Psychology in the rearview mirror – From the clinic to the clinic. <i>Biological Psychology</i> , 2022, 169, 108263.	2.2	0
5	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
6	The two decades brainclinics research archive for insights in neurophysiology (TDBRAIN) database. <i>Scientific Data</i> , 2022, 9, .	5.3	19
7	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
8	The way ahead for predictive EEG biomarkers in treatment of depression. <i>Clinical Neurophysiology</i> , 2021, 132, 616-617.	1.5	4
9	LSD and ketanserin and their impact on the human autonomic nervous system. <i>Psychophysiology</i> , 2021, 58, e13822.	2.4	19
10	Deep learning applied to electroencephalogram data in mental disorders: A systematic review. <i>Biological Psychology</i> , 2021, 162, 108117.	2.2	32
11	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
12	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
13	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
14	NeuroPharm study: EEG wakefulness regulation as a biomarker in MDD. <i>Journal of Psychiatric Research</i> , 2021, 141, 57-65.	3.1	12
15	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
16	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
17	Hyperstable arousal regulation in multiple sclerosis. <i>Psychoneuroendocrinology</i> , 2019, 110, 104417.	2.7	8
18	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

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19	Translational machine learning for psychiatric neuroimaging. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 91, 113-121.	4.8	56
20	Predicting sex from brain rhythms with deep learning. Scientific Reports, 2018, 8, 3069.	3.3	141
21	Length of Involuntary Hospitalization Related to the Referring Physician's Psychiatric Emergency Experience. Administration and Policy in Mental Health and Mental Health Services Research, 2018, 45, 254-264.	2.1	8
22	Exposure to attachment narratives dynamically modulates cortical arousal during the resting state in the listener. Brain and Behavior, 2018, 8, e01007.	2.2	12
23	Machine Learning: An Approach in Identifying Risk Factors for Coercion Compared to Binary Logistic Regression. Frontiers in Psychiatry, 2018, 9, 258.	2.6	24
24	Treating brainwaves is not an option. Nature, 2018, 557, 309-309.	27.8	4
25	EEG-arousal regulation as predictor of treatment response in patients suffering from obsessive compulsive disorder. Clinical Neurophysiology, 2017, 128, 1906-1914.	1.5	14
26	19th biennial IPEG Meeting. Neuropsychiatric Electrophysiology, 2016, 2, .	4.1	0
27	Smartphone based Geo-Feedback in obsessive compulsive disorder as facilitatory intervention: A case report. Journal of Obsessive-Compulsive and Related Disorders, 2016, 8, 75-78.	1.5	10
28	CNS- and ANS-arousal predict response to antidepressant medication: Findings from the randomized iSPOT-D study. Journal of Psychiatric Research, 2016, 73, 108-115.	3.1	40
29	Future of clinical EEG in psychiatric disorders: Shifting the focus from diagnosis to the choice of optimal treatment. Clinical Neurophysiology, 2016, 127, 17-18.	1.5	6
30	Personalized Medicine: Review and Perspectives of Promising Baseline EEG Biomarkers in Major Depressive Disorder and Attention Deficit Hyperactivity Disorder. Neuropsychobiology, 2015, 72, 229-240.	1.9	127
31	Objective markers for sleep propensity: comparison between the Multiple Sleep Latency Test and the Vigilance Algorithm Leipzig. Journal of Sleep Research, 2015, 24, 450-457.	3.2	19
32	Neural correlates of impaired emotional face recognition in cerebellar lesions. Brain Research, 2015, 1613, 1-12.	2.2	49
33	Subcortical activity in electrophysiological scalp recordings. Clinical Neurophysiology, 2015, 126, 1279-1280.	1.5	2
34	Elektrophysiologische Methoden zur Erfassung der Wachheitsregulation und Vigilanz. Neurophysiologie-Labor, 2015, 37, 79-90.	0.0	1
35	Sleep maintenance, spindling excessive beta and impulse control: an RDoC arousal and regulatory systems approach?. Neuropsychiatric Electrophysiology, 2015, 1, .	4.1	10
36	Personalized Medicine in ADHD and Depression: Use of Pharmaco-EEG. Current Topics in Behavioral Neurosciences, 2014, 21, 345-370.	1.7	14

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37	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
38	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
39	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
40	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
41	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
42	Altered EEG lagged coherence during rest in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 2421-2430.	1.5	29
43	Event-related potentials indicating impaired emotional attention in cerebellar stroke "A case study. <i>Neuroscience Letters</i> , 2013, 548, 206-211.	2.1	19
44	EEG-vigilance regulation during the resting state in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 497-502.	1.5	16
45	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
46	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
47	Hyperstable regulation of vigilance in patients with major depressive disorder. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 436-446.	2.6	95
48	Time perception at different EEG-vigilance levels. <i>Behavioral and Brain Functions</i> , 2012, 8, 50.	3.3	14
49	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
50	Brain and Body. <i>Journal of Psychophysiology</i> , 2011, 25, 190-200.	0.7	46
51	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
52	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
53	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
54	Prestimulus vigilance predicts response speed in an easy visual discrimination task. <i>Behavioral and Brain Functions</i> , 2011, 7, 31.	3.3	19

#	ARTICLE	IF	CITATIONS
55	EEG Vigilance and Phenotypes in Neuropsychiatry. , 2011, , 79-435.		10
56	Avoiding the ballistocardiogram (BCG) artifact of EEG data acquired simultaneously with fMRI by pulse-triggered presentation of stimuli. Journal of Neuroscience Methods, 2010, 186, 231-241.	2.5	16
57	Treatment of Acute Mania with Modafinil Monotherapy. Biological Psychiatry, 2010, 67, e55-e57.	1.3	38
58	EEG-vigilance and response to stimulants in paediatric patients with attention deficit/hyperactivity disorder. Clinical Neurophysiology, 2010, 121, 1511-1518.	1.5	53
59	Are Psychostimulants a Treatment Option in Mania?. Pharmacopsychiatry, 2009, 42, 169-174.	3.3	53
60	EEG-vigilance and BOLD effect during simultaneous EEG/fMRI measurement. NeuroImage, 2009, 45, 319-332.	4.2	307
61	EEG-vigilance differences between patients with borderline personality disorder, patients with obsessive-compulsive disorder and healthy controls. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 137-143.	3.2	57