

Martin Brunovsky

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,239
citations

20
h-index

34
g-index

89
ext. papers

1,486
ext. citations

3.8
avg, IF

3.92
L-index

#	Paper	IF	Citations
56	Predictive value of heart rate in treatment of major depression with ketamine in two controlled trials. <i>Clinical Neurophysiology</i> , 2021 , 132, 1339-1346	4.3	2
55	Is short-term memory capacity ($7\pi 2$) really predicted by theta to gamma cycle length ratio?. <i>Behavioural Brain Research</i> , 2021 , 414, 113465	3.4	1
54	Baseline Difference in Quantitative Electroencephalography Variables Between Responders and Non-Responders to Low-Frequency Repetitive Transcranial Magnetic Stimulation in Depression. <i>Frontiers in Psychiatry</i> , 2020 , 11, 83	5	2
53	Predicting Sex From EEG: Validity and Generalizability of Deep-Learning-Based Interpretable Classifier. <i>Frontiers in Neuroscience</i> , 2020 , 14, 589303	5.1	3
52	The Effects of Daytime Psilocybin Administration on Sleep: Implications for Antidepressant Action. <i>Frontiers in Pharmacology</i> , 2020 , 11, 602590	5.6	3
51	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2020 , 11, 844	5	9
50	Latent Schizencephaly With Psychotic Phenotype or Schizophrenia With Schizencephaly? A Case Report and Review of the Literature. <i>Clinical EEG and Neuroscience</i> , 2019 , 50, 13-19	2.3	3
49	Nonlinear Dimensionality Reduction and Feature Analysis for Artifact Component Identification in hdEEG Datasets. <i>IFMBE Proceedings</i> , 2019 , 415-419	0.2	
48	Early change of prefrontal theta cordance and occipital alpha asymmetry in the prediction of responses to antidepressants. <i>International Journal of Psychophysiology</i> , 2019 , 143, 1-8	2.9	7
47	Transcranial Direct-Current Stimulation (tDCS) Versus Venlafaxine ER In The Treatment Of Depression: A Randomized, Double-Blind, Single-Center Study With Open-Label, Follow-Up. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 3003-3014	3.1	4
46	Artifacts in Simultaneous hdEEG/fMRI Imaging: A Nonlinear Dimensionality Reduction Approach. <i>Sensors</i> , 2019 , 19,	3.8	3
45	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processing-study on P300 and mismatch negativity in healthy volunteers. <i>Psychopharmacology</i> , 2018 , 235, 491-503	4.7	15
44	Role of Glutamatergic System in Obsessive-Compulsive Disorder with Possible Therapeutic Implications. <i>Pharmacopsychiatry</i> , 2018 , 51, 229-242	2	15
43	Electrical Source Imaging in Rats: Cortical EEG Performance and Limitations 2018 ,		1
42	EEG correlates of induced anxiety in obsessive-compulsive patients: comparison of autobiographical and general anxiety scenarios. <i>Neuropsychiatric Disease and Treatment</i> , 2018 , 14, 2165-2174	3.1	7
41	The Comparison of Effectiveness of Various Potential Predictors of Response to Treatment With SSRIs in Patients With Depressive Disorder. <i>Journal of Nervous and Mental Disease</i> , 2017 , 205, 618-626	1.8	9
40	Prefrontal Theta Cordance in the Prediction of Antidepressant Response to Various Classes of Antidepressants in Patients with Depressive Disorder. <i>European Psychiatry</i> , 2017 , 41, s140-s140	6	

39	Cognitive deficits in patients with obsessive-compulsive disorder - electroencephalography correlates. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 1119-25	3.1	10
38	The effectiveness of various potential predictors of response to treatment with SSRIs in patients with depressive disorder. <i>European Psychiatry</i> , 2016 , 33, S406-S406	6	
37	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression. <i>Psychiatry Research</i> , 2016 , 240, 364-375	9.9	16
36	Sad mood induction has an opposite effect on amygdala response to emotional stimuli in euthymic patients with bipolar disorder and healthy controls. <i>Journal of Psychiatry and Neuroscience</i> , 2015 , 40, 134-42	4.5	12
35	QEEG Theta Cordance in the Prediction of Treatment Outcome to Prefrontal Repetitive Transcranial Magnetic Stimulation or Venlafaxine ER in Patients With Major Depressive Disorder. <i>Clinical EEG and Neuroscience</i> , 2015 , 46, 73-80	2.3	26
34	The effectiveness of prefrontal theta cordance and early reduction of depressive symptoms in the prediction of antidepressant treatment outcome in patients with resistant depression: analysis of naturalistic data. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015 , 265, 73-82	5.1	21
33	Early stages of pediatric bipolar disorder: retrospective analysis of a Czech inpatient sample. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 2855-64	3.1	11
32	Physical Comorbidities in Depression Co-Occurring with Anxiety: A Cross Sectional Study in the Czech Primary Care System. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 15728-38	4.6	15
31	P.1.b.009 Default mode network activity decrement interrelated with anxious-like and dreadful experiences during acute cannabis intoxication. <i>European Neuropsychopharmacology</i> , 2014 , 24, S176-S177 ²		
30	The effect of ((-)-2-oxa-4-aminobicyclo[3.1.0]hexane-2,6-dicarboxylic acid (LY379268), an mGlu2/3 receptor agonist, on EEG power spectra and coherence in ketamine model of psychosis. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 122, 212-21	3.9	9
29	Prediction of treatment response and the effect of independent component neurofeedback in obsessive-compulsive disorder: a randomized, sham-controlled, double-blind study. <i>Neuropsychobiology</i> , 2013 , 67, 210-23	4	31
28	Standardized low-resolution electromagnetic tomography in obsessive-compulsive disorder--a replication study. <i>Neuroscience Letters</i> , 2013 , 548, 185-9	3.3	10
27	Behavioral, neurochemical and pharmaco-EEG profiles of the psychedelic drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in rats. <i>Psychopharmacology</i> , 2013 , 225, 75-93	4.7	31
26	Guidelines for the recording and evaluation of pharmaco-sleep studies in man: the International Pharmaco-EEG Society (IPEG). <i>Neuropsychobiology</i> , 2013 , 67, 127-67	4	33
25	The change of QEEG prefrontal cordance as a response predictor to antidepressive intervention in bipolar depression. A pilot study. <i>Journal of Psychiatric Research</i> , 2012 , 46, 219-25	5.2	20
24	Frames of reference and their neural correlates within navigation in a 3D environment. <i>Visual Neuroscience</i> , 2012 , 29, 183-91	1.7	3
23	Latent toxoplasmosis reduces gray matter density in schizophrenia but not in controls: voxel-based-morphometry (VBM) study. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 501-9	3.8	58
22	Guidelines for the recording and evaluation of pharmaco-EEG data in man: the International Pharmaco-EEG Society (IPEG). <i>Neuropsychobiology</i> , 2012 , 66, 201-20	4	84

21	Different impact of t.gondii seropositivity on the brain morphometry in schizophrenia and healthy control groups. <i>European Psychiatry</i> , 2011 , 26, 2124-2124	6	
20	Electroencephalographic spectral and coherence analysis of ketamine in rats: correlation with behavioral effects and pharmacokinetics. <i>Neuropsychobiology</i> , 2011 , 63, 202-18	4	60
19	EEG source analysis in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2011 , 122, 1735-43	4.3	46
18	P.3.020 How ketamine changes the neurophysiology of depressive patientsTbrains: a randomised controlled trial. <i>European Neuropsychopharmacology</i> , 2011 , 21, S75	1.2	
17	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. <i>Psychological Medicine</i> , 2010 , 40, 1443-51	6.9	33
16	P.1.c.067 Effect of group II metabotropic glutamate receptor agonist on behaviour and electroencephalography in a model of psychosis. <i>European Neuropsychopharmacology</i> , 2010 , 20, S273-S274	1.2	12
15	The change of prefrontal QEEG theta cordance as a predictor of response to bupropion treatment in patients who had failed to respond to previous antidepressant treatments. <i>European Neuropsychopharmacology</i> , 2010 , 20, 459-66	1.2	67
14	Augmentation of antidepressants with bright light therapy in patients with comorbid depression and borderline personality disorder. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2010 , 154, 355-61	1.7	16
13	Low frequency (1-Hz), right prefrontal repetitive transcranial magnetic stimulation (rTMS) compared with venlafaxine ER in the treatment of resistant depression: a double-blind, single-centre, randomized study. <i>Journal of Affective Disorders</i> , 2009 , 118, 94-100	6.6	40
12	Early reduction in prefrontal theta QEEG cordance value predicts response to venlafaxine treatment in patients with resistant depressive disorder. <i>European Psychiatry</i> , 2008 , 23, 350-5	6	101
11	LORETA functional imaging in antipsychotic-naive and olanzapine-, clozapine- and risperidone-treated patients with schizophrenia. <i>Neuropsychobiology</i> , 2008 , 58, 1-10	4	26
10	Discontinuation of hypnotics during cognitive behavioural therapy for insomnia. <i>BMC Psychiatry</i> , 2008 , 8, 80	4.2	17
9	Standardized low-resolution brain electromagnetic tomography (sLORETA) in the prediction of response to cholinesterase inhibitors in patients with Alzheimer's disease 2008 , 7,		29
8	Trazodone improves the results of cognitive behaviour therapy of primary insomnia in non-depressed patients. <i>Neuroendocrinology Letters</i> , 2008 , 29, 895-901	0.3	15
7	Changes in QEEG prefrontal cordance as a predictor of response to antidepressants in patients with treatment resistant depressive disorder: a pilot study. <i>Journal of Psychiatric Research</i> , 2007 , 41, 319-25	5.2	88
6	Effect of low-frequency rTMS on electromagnetic tomography (LORETA) and regional brain metabolism (PET) in schizophrenia patients with auditory hallucinations. <i>Neuropsychobiology</i> , 2007 , 55, 132-42	4	78
5	Sleep disturbances in patients treated for panic disorder. <i>Sleep Medicine</i> , 2005 , 6, 149-53	4.6	34
4	Subjective and objective evaluation of alertness and sleep quality in depressed patients. <i>BMC Psychiatry</i> , 2004 , 4, 14	4.2	26

3	Objective measurement of the alertness level in dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2003 , 15, 212-7	2.6	6
2	Objective assessment of the degree of dementia by means of EEG. <i>Neuropsychobiology</i> , 2003 , 48, 19-26	4	56
1	EEG abnormalities in dementia reflect the parietal lobe syndrome. <i>Clinical Neurophysiology</i> , 2001 , 112, 1001-5	4.3	10