

Tomáš Novák

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,266
citations

159585

30
h-index

161849

54
g-index

85
all docs

85
docs citations

85
times ranked

5208
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-reported symptoms and objective measures in idiopathic hypersomnia and hypersomnia associated with psychiatric disorders: a prospective cross-sectional study. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 713-720.	2.6	11
2	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, , 1.	3.2	2
3	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. <i>British Journal of Psychiatry</i> , 2022, 220, 219-228.	2.8	11
4	Vascular Remodeling of Clinically Used Patches and Decellularized Pericardial Matrices Recellularized with Autologous or Allogeneic Cells in a Porcine Carotid Artery Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3310.	4.1	7
5	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2457-2470.	7.9	44
6	Repetitive transcranial magnetic stimulation (rTMS) for schizophrenia patients treated with clozapine. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 14-26.	2.6	11
7	Modulating Inhibitory Control Processes Using Individualized High Definition Theta Transcranial Alternating Current Stimulation (HD θ -tACS) of the Anterior Cingulate and Medial Prefrontal Cortex. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 611507.	2.5	22
8	Neurostimulation Methods in the Treatment of Depression: A Comparison of rTMS, tDCS, and Venlafaxine Using a Pooled Analysis of Two Studies. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1713-1722.	2.2	3
9	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
10	Characterisation of age and polarity at onset in bipolar disorder. <i>British Journal of Psychiatry</i> , 2021, 219, 659-669.	2.8	20
11	Insula activity in resting-state differentiates bipolar from unipolar depression: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 16930.	3.3	14
12	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. <i>Scientific Reports</i> , 2021, 11, 17823.	3.3	10
13	Effects of Transcranial Direct Current Stimulation Treatment for Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , 2021, 12, 717255.	2.6	7
14	Psilocin, LSD, mescaline, and DOB all induce broadband desynchronization of EEG and disconnection in rats with robust translational validity. <i>Translational Psychiatry</i> , 2021, 11, 506.	4.8	19
15	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 606.	4.8	25
16	Associated factors of REM sleep without atonia in younger (â‰¥ 50 years) hospitalized psychiatric patients. <i>BMC Psychiatry</i> , 2020, 20, 482.	2.6	2
17	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2020, 11, 844.	2.6	29
18	Prolonged Continuous Theta Burst Stimulation of the Motor Cortex Modulates Cortical Excitability But not Pain Perception. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 27.	2.5	5

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19	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.	2.6	5
20	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. <i>Bipolar Disorders</i> , 2019, 21, 68-75.	1.9	20
21	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.	1.0	10
22	Decreased need for sleep as an endophenotype of bipolar disorder: an actigraphy study. <i>Chronobiology International</i> , 2019, 36, 1227-1239.	2.0	16
23	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, Volume 15, 3003-3014.	2.2	6
24	Neuropsychological Functioning and Temperament Traits in a Czech Sample of Children and Adolescents at Familial Risk of Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 198.	2.6	3
25	Brain Age in Early Stages of Bipolar Disorders or Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 190-198.	4.3	94
26	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. <i>JAMA Psychiatry</i> , 2018, 75, 65-74.	11.0	102
27	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processing: a study on P300 and mismatch negativity in healthy volunteers. <i>Psychopharmacology</i> , 2018, 235, 491-503.	3.1	26
28	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 207.	2.6	28
29	Developmental Considerations in Bipolar Disorder. , 2018, , 25-56.		0
30	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.	1.0	16
31	Psychiatric Disorders and Quality of Life in the Offspring of Parents with Bipolar Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2017, 27, 483-493.	1.3	30
32	Sleep characteristics in child and adolescent offspring of parents with bipolar disorder: a case control study. <i>BMC Psychiatry</i> , 2017, 17, 199.	2.6	25
33	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression. <i>Psychiatry Research</i> , 2016, 240, 364-375.	3.3	25
34	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. <i>Human Molecular Genetics</i> , 2016, 25, 3383-3394.	2.9	182
35	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. <i>Lancet</i> , The, 2016, 387, 1085-1093.	13.7	306
36	Psychiatrist's adherence: a new factor in relapse prevention of schizophrenia. A randomized controlled study on relapse control through telemedicine system. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2015, 22, 811-820.	2.1	18

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37	Early stages of pediatric bipolar disorder: retrospective analysis of a Czech inpatient sample. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2855.	2.2	13
38	Using structural MRI to identify individuals at genetic risk for bipolar disorders: a 2-cohort, machine learning study. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 316-324.	2.4	45
39	White matter changes in first episode psychosis and their relation to the size of sample studied: A DTI study. <i>Schizophrenia Research</i> , 2015, 162, 22-28.	2.0	56
40	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, 134-142.	2.4	19
41	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.	1.7	39
42	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.	3.2	31
43	Individualized rTMS neuronavigated according to regional brain metabolism (18FDG PET) has better treatment effects on auditory hallucinations than standard positioning of rTMS: a double-blind, sham-controlled study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 475-484.	3.2	38
44	Brain Structural Signature of Familial Predisposition for Bipolar Disorder: Replicable Evidence For Involvement of the Right Inferior Frontal Gyrus. <i>Biological Psychiatry</i> , 2013, 73, 144-152.	1.3	118
45	Antidepressant monotherapy compared with combinations of antidepressants in the treatment of resistant depressive patients: A randomized, open-label study. <i>International Journal of Psychiatry in Clinical Practice</i> , 2013, 17, 35-43.	2.4	8
46	Differences in onset of disease and severity of psychopathology between toxoplasmosis-related and toxoplasmosis-unrelated schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2013, 127, 227-238.	4.5	58
47	Assessment of Response to Lithium Maintenance Treatment in Bipolar Disorder: A Consortium on Lithium Genetics (ConLiGen) Report. <i>PLoS ONE</i> , 2013, 8, e65636.	2.5	156
48	Relationship of ketamine's antidepressant and psychotomimetic effects in unipolar depression. <i>Neuroendocrinology Letters</i> , 2013, 34, 287-93.	0.2	105
49	Family therapy in the Czech Republic. <i>International Review of Psychiatry</i> , 2012, 24, 157-161.	2.8	4
50	Effectiveness of the Information Technology-Aided Program of Relapse Prevention in Schizophrenia (ITAREPS). <i>Journal of Psychiatric Practice</i> , 2012, 18, 269-280.	0.7	66
51	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, 501-509.	2.6	77
52	The early improvement of depressive symptoms as a potential predictor of response to antidepressants in depressive patients who failed to respond to previous antidepressant treatments. Analysis of naturalistic data. <i>European Psychiatry</i> , 2012, 27, 522-527.	0.2	13
53	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, 219-225.	3.1	26
54	Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. <i>Bipolar Disorders</i> , 2012, 14, 261-270.	1.9	99

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55	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. <i>Neuroscience Letters</i> , 2011, 493, 131-135.	2.1	34
56	White matter hyperintensities in affected and unaffected late teenage and early adulthood offspring of bipolar parents: A two-center high-risk study. <i>Journal of Psychiatric Research</i> , 2011, 45, 76-82.	3.1	26
57	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 130-139.	2.9	24
58	IS THERE ANY INFLUENCE OF PERSONALITY DISORDER ON THE SHORT TERM INTENSIVE GROUP COGNITIVE BEHAVIORAL THERAPY OF SOCIAL PHOBIA?. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2011, 155, 85-94.	0.6	5
59	Subgenual cingulate volumes in offspring of bipolar parents and in sporadic bipolar patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 297-304.	3.2	24
60	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. <i>Psychological Medicine</i> , 2010, 40, 1443-1451.	4.5	37
61	Sex differences in the effects of N,N-diethyllysergamide (LSD) on behavioural activity and prepulse inhibition. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 588-596.	4.8	38
62	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, 459-466.	0.7	81
63	Antidepressant monotherapy and combination of antidepressants in the treatment of resistant depression in current clinical practice: A retrospective study. <i>International Journal of Psychiatry in Clinical Practice</i> , 2010, 14, 303-308.	2.4	4
64	Analysis of a Promoter Polymorphism in the SMDF Neuregulin 1 Isoform in Schizophrenia. <i>Neuropsychobiology</i> , 2009, 59, 205-212.	1.9	6
65	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.	4.1	53
66	Is combined treatment more effective than switching to monotherapy in patients with resistant depression? A retrospective study. <i>Neuroendocrinology Letters</i> , 2009, 30, 723-8.	0.2	6
67	The Information Technology Aided Relapse Prevention Programme in Schizophrenia: an extension of a mirror-design follow-up. <i>International Journal of Clinical Practice</i> , 2008, 62, 1943-1946.	1.7	52
68	ITAREPS: Information Technology Aided Relapse Prevention Programme in Schizophrenia. <i>Schizophrenia Research</i> , 2008, 98, 312-317.	2.0	116
69	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, 350-355.	0.2	120
70	Analysis of protocadherin alpha gene enhancer polymorphism in bipolar disorder and schizophrenia. <i>Schizophrenia Research</i> , 2008, 102, 210-219.	2.0	53
71	LORETA Functional Imaging in Antipsychotic-Naive and Olanzapine-, Clozapine- and Risperidone-Treated Patients with Schizophrenia. <i>Neuropsychobiology</i> , 2008, 58, 1-10.	1.9	34
72	Analysis of protocadherin alpha gene deletion variant in bipolar disorder and schizophrenia. <i>Psychiatric Genetics</i> , 2008, 18, 110-115.	1.1	21

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73	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, 132-142.	1.9	97
74	Increase in <i>GSK3β</i> gene copy number variation in bipolar disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 259-265.	1.7	113
75	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, 319-325.	3.1	107
76	18FDG PET in hallucinating and non-hallucinating patients. <i>Neuroendocrinology Letters</i> , 2007, 28, 53-9.	0.2	8
77	The temperament and character inventory-revised (TCI-R): a psychometric characteristics of the Czech version. <i>Psychiatria Danubina</i> , 2007, 19, 27-34.	0.4	17
78	Sedative Effects of Low-Dose Risperidone in GAD Patients and Risk of Drug Interactions. <i>Journal of Clinical Psychiatry</i> , 2006, 67, 1307-1308.	2.2	4
79	The double-blind sham-controlled study of high-frequency rTMS (20 Hz) for negative symptoms in schizophrenia: negative results. <i>Neuroendocrinology Letters</i> , 2006, 27, 209-13.	0.2	48