Tomáš Novák

List of Publications by Year
in descending order

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	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. Lancet, The, 2016, 387, 1085-1093.	13.7	306
2	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. Human Molecular Genetics, 2016, 25, 3383-3394.	2.9	182
3	Assessment of Response to Lithium Maintenance Treatment in Bipolar Disorder: A Consortium on Lithium Genetics (ConLiGen) Report. PLoS ONE, 2013, 8, e65636.	2.5	156
4	Early reduction in prefrontal theta QEEG cordance value predicts response to venlafaxine treatment in patients with resistant depressive disorder. European Psychiatry, 2008, 23, 350-355.	0.2	120
5	Brain Structural Signature of Familial Predisposition for Bipolar Disorder: Replicable Evidence For Involvement of the Right Inferior Frontal Gyrus. Biological Psychiatry, 2013, 73, 144-152.	1.3	118
6	ITAREPS: Information Technology Aided Relapse Prevention Programme in Schizophrenia. Schizophrenia Research, 2008, 98, 312-317.	2.0	116
7	Increase in $GSK3\beta$ gene copy number variation in bipolar disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 259-265.	1.7	113
8	Changes in QEEG prefrontal cordance as a predictor of response to antidepressants in patients with treatment resistant depressive disorder: A pilot study. Journal of Psychiatric Research, 2007, 41, 319-325.	3.1	107
9	Relationship of ketamine's antidepressant and psychotomimetic effects in unipolar depression. Neuroendocrinology Letters, 2013, 34, 287-93.	0.2	105
10	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. JAMA Psychiatry, 2018, 75, 65-74.	11.0	102
11	Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. Bipolar Disorders, 2012, 14, 261-270.	1.9	99
12	Effect of Low-Frequency rTMS on Electromagnetic Tomography (LORETA) and Regional Brain Metabolism (PET) in Schizophrenia Patients with Auditory Hallucinations. Neuropsychobiology, 2007, 55, 132-142.	1.9	97
13	Brain Age in Early Stages of Bipolar Disorders or Schizophrenia. Schizophrenia Bulletin, 2019, 45, 190-198.	4.3	94
14	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. European Neuropsychopharmacology, 2010, 20, 459-466.	0.7	81
15	Latent toxoplasmosis reduces gray matter density in schizophrenia but not in controls: Voxel-based-morphometry (VBM) study. World Journal of Biological Psychiatry, 2012, 13, 501-509.	2.6	77
16	Effectiveness of the Information Technology-Aided Program of Relapse Prevention in Schizophrenia (ITAREPS). Journal of Psychiatric Practice, 2012, 18, 269-280.	0.7	66
17	Differences in onset of disease and severity of psychopathology between toxoplasmosis–related and toxoplasmosis–unrelated schizophrenia. Acta Psychiatrica Scandinavica, 2013, 127, 227-238.	4.5	58
18	White matter changes in first episode psychosis and their relation to the size of sample studied: A DTI study. Schizophrenia Research, 2015, 162, 22-28.	2.0	56

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19	Analysis of protocadherin alpha gene enhancer polymorphism in bipolar disorder and schizophrenia. Schizophrenia Research, 2008, 102, 210-219.	2.0	53
20	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. Journal of Affective Disorders, 2009, 118, 94-100.	4.1	53
21	The Information Technology Aided Relapse Prevention Programme in Schizophrenia: an extension of a mirror-design follow-up. International Journal of Clinical Practice, 2008, 62, 1943-1946.	1.7	52
22	The double-blind sham-controlled study of high-frequency rTMS (20 Hz) for negative symptoms in schizophrenia: negative results. Neuroendocrinology Letters, 2006, 27, 209-13.	0.2	48
23	Using structural MRI to identify individuals at genetic risk for bipolar disorders: a 2-cohort, machine learning study. Journal of Psychiatry and Neuroscience, 2015, 40, 316-324.	2.4	45
24	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. Molecular Psychiatry, 2021, 26, 2457-2470.	7.9	44
25	QEEG Theta Cordance in the Prediction of Treatment Outcome to Prefrontal Repetitive Transcranial Magnetic Stimulation or Venlafaxine ER in Patients With Major Depressive Disorder. Clinical EEG and Neuroscience, 2015, 46, 73-80.	1.7	39
26	Sex differences in the effects of N,N-diethyllysergamide (LSD) on behavioural activity and prepulse inhibition. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 588-596.	4.8	38
27	Individualized rTMS neuronavigated according to regional brain metabolism (18FGD PET) has better treatment effects on auditory hallucinations than standard positioning of rTMS: a double-blind, sham-controlled study. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 475-484.	3.2	38
28	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. Psychological Medicine, 2010, 40, 1443-1451.	4.5	37
29	LORETA Functional Imaging in Antipsychotic-Naive and Olanzapine-, Clozapine- and Risperidone-Treated Patients with Schizophrenia. Neuropsychobiology, 2008, 58, 1-10.	1.9	34
30	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. Neuroscience Letters, 2011, 493, 131-135.	2.1	34
31	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. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 73-82.	3.2	31
32	Psychiatric Disorders and Quality of Life in the Offspring of Parents with Bipolar Disorder. Journal of Child and Adolescent Psychopharmacology, 2017, 27, 483-493.	1.3	30
33	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. Frontiers in Psychiatry, 2020, 11, 844.	2.6	29
34	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. Frontiers in Psychiatry, 2018, 9, 207.	2.6	28
35	White matter hyperintensities in affected and unaffected late teenage and early adulthood offspring of bipolar parents: A two-center high-risk study. Journal of Psychiatric Research, 2011, 45, 76-82.	3.1	26
36	The change of QEEG prefrontal cordance as a response predictor to antidepressive intervention in bipolar depression. A pilot study. Journal of Psychiatric Research, 2012, 46, 219-225.	3.1	26

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37	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processingâ€"study on P300 and mismatch negativity in healthy volunteers. Psychopharmacology, 2018, 235, 491-503.	3.1	26
38	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression. Psychiatry Research, 2016, 240, 364-375.	3.3	25
39	Sleep characteristics in child and adolescent offspring of parents with bipolar disorder: a case control study. BMC Psychiatry, 2017, 17, 199.	2.6	25
40	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. Translational Psychiatry, 2021, 11, 606.	4.8	25
41	Subgenual cingulate volumes in offspring of bipolar parents and in sporadic bipolar patients. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 297-304.	3.2	24
42	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. Pharmacology Biochemistry and Behavior, 2011, 98, 130-139.	2.9	24
43	Modulating Inhibitory Control Processes Using Individualized High Definition Theta Transcranial Alternating Current Stimulation (HD Î¸-tACS) of the Anterior Cingulate and Medial Prefrontal Cortex. Frontiers in Systems Neuroscience, 2021, 15, 611507.	2.5	22
44	Analysis of protocadherin alpha gene deletion variant in bipolar disorder and schizophrenia. Psychiatric Genetics, 2008, 18, 110-115.	1.1	21
45	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. Bipolar Disorders, 2019, 21, 68-75.	1.9	20
46	Characterisation of age and polarity at onset in bipolar disorder. British Journal of Psychiatry, 2021, 219, 659-669.	2.8	20
47	Sad mood induction has an opposite effect on amygdala response to emotional stimuli in euthymic patients with bipolar disorder and healthy controls. Journal of Psychiatry and Neuroscience, 2015, 40, 134-142.	2.4	19
48	Psilocin, LSD, mescaline, and DOB all induce broadband desynchronization of EEG and disconnection in rats with robust translational validity. Translational Psychiatry, 2021, 11, 506.	4.8	19
49	Psychiatrist's adherence: a new factor in relapse prevention of schizophrenia. A randomized controlled study on relapse control through telemedicine system. Journal of Psychiatric and Mental Health Nursing, 2015, 22, 811-820.	2.1	18
50	The temperament and character inventory-revised (TCI-R): a psychometric characteristics of the Czech version. Psychiatria Danubina, 2007, 19, 27-34.	0.4	17
51	The Comparison of Effectiveness of Various Potential Predictors of Response to Treatment With SSRIs in Patients With Depressive Disorder. Journal of Nervous and Mental Disease, 2017, 205, 618-626.	1.0	16
52	Decreased need for sleep as an endophenotype of bipolar disorder: an actigraphy study. Chronobiology International, 2019, 36, 1227-1239.	2.0	16
53	Insula activity in resting-state differentiates bipolar from unipolar depression: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 16930.	3.3	14
54	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. European Psychiatry, 2012, 27, 522-527.	0.2	13

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55	Early stages of pediatric bipolar disorder: retrospective&nbsp;analysis of a Czech inpatient sample. Neuropsychiatric Disease and Treatment, 2015, 11, 2855.	2.2	13
56	Repetitive transcranial magnetic stimulation (rTMS) for schizophrenia patients treated with clozapine. World Journal of Biological Psychiatry, 2021, 22, 14-26.	2.6	11
57	Predictive value of heart rate in treatment of major depression with ketamine in two controlled trials. Clinical Neurophysiology, 2021, 132, 1339-1346.	1.5	11
58	Self-reported symptoms and objective measures in idiopathic hypersomnia and hypersomnia associated with psychiatric disorders: a prospective cross-sectional study. Journal of Clinical Sleep Medicine, 2022, 18, 713-720.	2.6	11
59	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. British Journal of Psychiatry, 2022, 220, 219-228.	2.8	11
60	Early change of prefrontal theta cordance and occipital alpha asymmetry in the prediction of responses to antidepressants. International Journal of Psychophysiology, 2019, 143, 1-8.	1.0	10
61	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. Scientific Reports, 2021, 11, 17823.	3.3	10
62	Antidepressant monotherapy compared with combinations of antidepressants in the treatment of resistant depressive patients: A randomized, open-label study. International Journal of Psychiatry in Clinical Practice, 2013, 17, 35-43.	2.4	8
63	18FDG PET in hallucinating and non-hallucinating patients. Neuroendocrinology Letters, 2007, 28, 53-9.	0.2	8
64	Effects of Transcranial Direct Current Stimulation Treatment for Anorexia Nervosa. Frontiers in Psychiatry, 2021, 12, 717255.	2.6	7
65	Vascular Remodeling of Clinically Used Patches and Decellularized Pericardial Matrices Recellularized with Autologous or Allogeneic Cells in a Porcine Carotid Artery Model. International Journal of Molecular Sciences, 2022, 23, 3310.	4.1	7
66	Analysis of a Promoter Polymorphism in the SMDF Neuregulin 1 Isoform in Schizophrenia. Neuropsychobiology, 2009, 59, 205-212.	1.9	6
67	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 . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 3003-3014.	2.2	6
68	Is combined treatment more effective than switching to monotherapy in patients with resistant depression? A retrospective study. Neuroendocrinology Letters, 2009, 30, 723-8.	0.2	6
69	Prolonged Continuous Theta Burst Stimulation of the Motor Cortex Modulates Cortical Excitability But not Pain Perception. Frontiers in Systems Neuroscience, 2020, 14, 27.	2.5	5
70	Baseline Difference in Quantitative Electroencephalography Variables Between Responders and Non-Responders to Low-Frequency Repetitive Transcranial Magnetic Stimulation in Depression. Frontiers in Psychiatry, 2020, 11, 83.	2.6	5
71	IS THERE ANY INFLUENCE OF PERSONALITY DISORDER ON THE SHORT TERM INTENSIVE GROUP COGNITIVE BEHAVIORAL THERAPY OF SOCIAL PHOBIA?. Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2011, 155, 85-94.	0.6	5
72	Antidepressant monotherapy and combination of antidepressants in the treatment of resistant depression in current clinical practice: A retrospective study. International Journal of Psychiatry in Clinical Practice, 2010, 14, 303-308.	2.4	4

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73	Family therapy in the Czech Republic. International Review of Psychiatry, 2012, 24, 157-161.	2.8	4
74	Sedative Effects of Low-Dose Risperidone in GAD Patients and Risk of Drug Interactions. Journal of Clinical Psychiatry, 2006, 67, 1307-1308.	2.2	4
75	Neuropsychological Functioning and Temperament Traits in a Czech Sample of Children and Adolescents at Familial Risk of Bipolar Disorder. Frontiers in Psychiatry, 2019, 10, 198.	2.6	3
76	Neurostimulation Methods in the Treatment of Depression: A Comparison of rTMS, tDCS, and Venlafaxine Using a Pooled Analysis of Two Studies. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 1713-1722.	2.2	3
77	Associated factors of REM sleep without atonia in younger (â‰¤50â€‰years) hospitalized psychiatric patients. BMC Psychiatry, 2020, 20, 482.	2.6	2
78	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses. European Archives of Psychiatry and Clinical Neuroscience, 2022, , 1.	3.2	2
79	Developmental Considerations in Bipolar Disorder. , 2018, , 25-56.		0