

Jiri Horacek

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,790
citations

218381

26
h-index

197535

49
g-index

77
all docs

77
docs citations

77
times ranked

4295
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Action of Atypical Antipsychotic Drugs and the Neurobiology of Schizophrenia. <i>CNS Drugs</i> , 2006, 20, 389-409.	2.7	385
2	Models of schizophrenia in humans and animals based on inhibition of NMDA receptors. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1014-1023.	2.9	294
3	Psilocybin – Summary of knowledge and new perspectives. <i>European Neuropsychopharmacology</i> , 2014, 24, 342-356.	0.3	167
4	Relationship of ketamine's antidepressant and psychotomimetic effects in unipolar depression. <i>Neuroendocrinology Letters</i> , 2013, 34, 287-93.	0.2	105
5	Bridging disparate symptoms of schizophrenia: a triple network dysfunction theory. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 171.	1.0	98
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, 132-142.	0.9	97
7	The effect of zotepine, risperidone, clozapine and olanzapine on MK-801-disrupted sensorimotor gating. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 591-596.	1.3	78
8	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.	1.3	77
9	Electroencephalographic Spectral and Coherence Analysis of Ketamine in Rats: Correlation with Behavioral Effects and Pharmacokinetics. <i>Neuropsychobiology</i> , 2011, 63, 202-218.	0.9	73
10	EEG source analysis in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2011, 122, 1735-1743.	0.7	59
11	Medial frontal and dorsal cortical morphometric abnormalities are related to obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2009, 464, 62-66.	1.0	55
12	Mescaline effects on rat behavior and its time profile in serum and brain tissue after a single subcutaneous dose. <i>Psychopharmacology</i> , 2008, 196, 51-62.	1.5	46
13	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.	1.5	45
14	Expression of the Hippocampal NMDA Receptor GluN1 Subunit and Its Splicing Isoforms in Schizophrenia: Postmortem Study. <i>Neurochemical Research</i> , 2010, 35, 994-1002.	1.6	44
15	Serotonin1A receptors in the pathophysiology of schizophrenia: development of novel cognition-enhancing therapeutics. <i>Advances in Therapy</i> , 2008, 25, 1037-1056.	1.3	43
16	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, 210-223.	0.9	43
17	Multi-center machine learning in imaging psychiatry: A meta-model approach. <i>NeuroImage</i> , 2017, 155, 10-24.	2.1	42
18	Does Psychedelic Therapy Have a Transdiagnostic Action and Prophylactic Potential?. <i>Frontiers in Psychiatry</i> , 2021, 12, 661233.	1.3	41

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19	Negative Effects of Latent Toxoplasmosis on Mental Health. <i>Frontiers in Psychiatry</i> , 2019, 10, 1012.	1.3	40
20	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.	2.5	38
21	Individualized rTMS neuronavigated according to regional brain metabolism (18F-GD 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.	1.8	38
22	Sex differences and serotonergic mechanisms in the behavioural effects of psilocin. <i>Behavioural Pharmacology</i> , 2016, 27, 309-320.	0.8	38
23	LORETA Functional Imaging in Antipsychotic-Naive and Olanzapine-, Clozapine- and Risperidone-Treated Patients with Schizophrenia. <i>Neuropsychobiology</i> , 2008, 58, 1-10.	0.9	34
24	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. <i>Neuroscience Letters</i> , 2011, 493, 131-135.	1.0	34
25	A virtual reality task based on animal research ÅĈ, ÅĒ spatial learning and memory in patients after the first episode of schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 157.	1.0	34
26	EEG correlates of a mental arithmetic task in patients with first episode schizophrenia and schizoaffective disorder. <i>Clinical Neurophysiology</i> , 2015, 126, 2090-2098.	0.7	33
27	Toxoplasmosis, but not borreliosis, is associated with psychiatric disorders and symptoms. <i>Schizophrenia Research</i> , 2018, 197, 603-604.	1.1	32
28	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2020, 11, 844.	1.3	29
29	Biochemical, Histopathological and Morphological Profiling of a Rat Model of Early Immune Stimulation: Relation to Psychopathology. <i>PLoS ONE</i> , 2015, 10, e0115439.	1.1	26
30	Altered Neural Correlate of the Self-Agency Experience in First-Episode Schizophrenia-Spectrum Patients: An fMRI Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 916-925.	2.3	26
31	Endocannabinoid system in sexual motivational processes: Is it a novel therapeutic horizon?. <i>Pharmacological Research</i> , 2017, 115, 200-208.	3.1	26
32	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processing ÅĒ study on P300 and mismatch negativity in healthy volunteers. <i>Psychopharmacology</i> , 2018, 235, 491-503.	1.5	26
33	Prolactin response to d-fenfluramine challenge test as a predictor of treatment response to haloperidol in acute schizophrenia. <i>Schizophrenia Research</i> , 1998, 30, 91-99.	1.1	24
34	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 130-139.	1.3	24
35	The Role of Zebrafish and Laboratory Rodents in Schizophrenia Research. <i>Frontiers in Psychiatry</i> , 2020, 11, 703.	1.3	24
36	Role of Glutamatergic System in Obsessive-Compulsive Disorder with Possible Therapeutic Implications. <i>Pharmacopsychiatry</i> , 2018, 51, 229-242.	1.7	23

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37	The opposite effect of a low and a high dose of serotonin-1A agonist on behavior induced by MK-801. <i>Neuropharmacology</i> , 2007, 52, 1071-1078.	2.0	22
38	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, 15728-15738.	1.2	21
39	Neural and neuronal discoordination in schizophrenia: From ensembles through networks to symptoms. <i>Acta Physiologica</i> , 2019, 226, e13282.	1.8	21
40	The effect of a full agonist/antagonist of the D1 receptor on locomotor activity, sensorimotor gating and cognitive function in dizocilpine-treated rats. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 873.	1.0	19
41	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.	1.4	19
42	Three challenges that the COVID-19 pandemic represents for psychiatry. <i>British Journal of Psychiatry</i> , 2020, 217, 475-476.	1.7	19
43	Empathy-Related Responses to Depicted People in Art Works. <i>Frontiers in Psychology</i> , 2017, 8, 228.	1.1	18
44	Perception of direct vs. averted gaze in portrait paintings: An fMRI and eye-tracking study. <i>Brain and Cognition</i> , 2018, 125, 88-99.	0.8	18
45	Trans-generational neurochemical modulation of methamphetamine in the adult brain of the Wistar rat. <i>Archives of Toxicology</i> , 2017, 91, 3373-3384.	1.9	18
46	Validity of Quinpirole Sensitization Rat Model of OCD: Linking Evidence from Animal and Clinical Studies. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 209.	1.0	17
47	Theoretical Modeling of Cognitive Dysfunction in Schizophrenia by Means of Errors and Corresponding Brain Networks. <i>Frontiers in Psychology</i> , 2018, 9, 1027.	1.1	17
48	Regional brain metabolism as the predictor of performance on the Trail Making Test in schizophrenia. A 18FDG PET covariation study. <i>Neuroendocrinology Letters</i> , 2006, 27, 587-94.	0.2	17
49	Central Dopaminergic Activity Influences Metabolic Parameters in Healthy Men. <i>Neuroendocrinology</i> , 2013, 97, 132-138.	1.2	16
50	Standardized low-resolution electromagnetic tomography in obsessive-compulsive disorder—A replication study. <i>Neuroscience Letters</i> , 2013, 548, 185-189.	1.0	15
51	Cannabis-induced altered states of consciousness are associated with specific dynamic brain connectivity states. <i>Journal of Psychopharmacology</i> , 2019, 33, 811-821.	2.0	15
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55	Effect of tandospirone, a serotonin-1A receptor partial agonist, on information processing and locomotion in dizocilpine-treated rats. <i>Psychopharmacology</i> , 2010, 212, 267-276.	1.5	11
56	The Effects of Daytime Psilocybin Administration on Sleep: Implications for Antidepressant Action. <i>Frontiers in Pharmacology</i> , 2020, 11, 602590.	1.6	11
57	The effect of tryptophan depletion on the action of haloperidol in MK-801-treated rats. <i>European Journal of Pharmacology</i> , 2004, 502, 109-116.	1.7	10
58	EEG coherence in a mental arithmetic task performance in first episode schizophrenia and schizoaffective disorder. <i>Clinical Neurophysiology</i> , 2018, 129, 2315-2324.	0.7	9
59	Effects of haloperidol treatment on prolactin response to D -fenfluramine challenge in acute schizophrenia. <i>Psychopharmacology</i> , 1999, 141, 322-325.	1.5	8
60	Impact of psychotropic drugs on adult hippocampal neurogenesis. <i>Neuroscience Research</i> , 2012, 73, 93-98.	1.0	8
61	Neurobiology of the Effects of Psilocybin in Relation to Its Potential Therapeutic Targets. , 2016, , 782-793.		8
62	Why and How. The Future of the Central Questions of Consciousness. <i>Frontiers in Psychology</i> , 2017, 8, 1797.	1.1	8
63	Neonatal immune activation by lipopolysaccharide causes inadequate emotional responses to novel situations but no changes in anxiety or cognitive behavior in Wistar rats. <i>Behavioural Brain Research</i> , 2018, 349, 42-53.	1.2	8
64	Functional Connectivity Changes in Obsessiveâ€“Compulsive Disorder Correspond to Interference Control and Obsessions Severity. <i>Frontiers in Neurology</i> , 2020, 11, 568.	1.1	8
65	The effect of lacosamide on bone tissue in orchidectomised male albino Wistar rats. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 394-399.	0.2	8
66	¹⁸ F PET in hallucinating and non-hallucinating patients. <i>Neuroendocrinology Letters</i> , 2007, 28, 53-9.	0.2	8
67	The effect of gabapentin and pregabalin on bone turnover and bone strength: A prospective study in Wistar rats. <i>Pharmacological Reports</i> , 2019, 71, 1213-1218.	1.5	6
68	Is short-term memory capacity (7 ± 2) really predicted by theta to gamma cycle length ratio?. <i>Behavioural Brain Research</i> , 2021, 414, 113465.	1.2	5
69	Effects of the adipokinetic hormone/red pigmentâ€“concentrating hormone (<sc>AKH</sc>/<sc>RPCH</sc>) family of peptides on <sc>MK</sc>â€“801â€“induced schizophrenia models. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 589-602.	1.0	4
70	Parallel optimization and genotyping of multiple single-nucleotide polymorphism markers by sample pooling approach using cycling-gradient CE with multiple injections. <i>Electrophoresis</i> , 2006, 27, 3856-3863.	1.3	3
71	Global Adversities, the Media, and Mental Health. <i>Frontiers in Psychiatry</i> , 2021, 12, 809239.	1.3	3
72	Psilocybinâ€“Mediated Attenuation of Gamma Band Auditory Steady-State Responses (ASSR) Is Driven by the Intensity of Cognitive and Emotional Domains of Psychedelic Experience. <i>Journal of Personalized Medicine</i> , 2022, 12, 1004.	1.1	3

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73	Intrinsic Rivalry. Can White Bears Help Us With the Other Side of Consciousness?. <i>Frontiers in Psychology</i> , 2019, 10, 1087.	1.1	2
74	Effects of adipokinetic hormone/red pigment-concentrating hormone family of peptides in olfactory bulbectomy model and posttraumatic stress disorder model of rats. <i>Peptides</i> , 2020, 134, 170408.	1.2	2
75	Impact of a Long Lockdown on Mental Health and the Role of Media Use: Web-Based Survey Study. <i>JMIR Mental Health</i> , 2022, 9, e36050.	1.7	1
76	Augmentation therapy of N-acetylcysteine for OCD: A meta-analysis of double-blind, randomized, placebo-controlled trials. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2019, 23, 100481.	0.7	0