

Jiri Horacek

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,492
citations

172457

29
h-index

155660

55
g-index

107
all docs

107
docs citations

107
times ranked

5180
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum Thyrotropin Concentration as a Novel Predictor of Malignancy in Thyroid Nodules Investigated by Fine-Needle Aspiration. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4295-4301.	3.6	435
2	Mechanism of Action of Atypical Antipsychotic Drugs and the Neurobiology of Schizophrenia. <i>CNS Drugs</i> , 2006, 20, 389-409.	5.9	385
3	Models of schizophrenia in humans and animals based on inhibition of NMDA receptors. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1014-1023.	6.1	294
4	Psilocybin – Summary of knowledge and new perspectives. <i>European Neuropsychopharmacology</i> , 2014, 24, 342-356.	0.7	167
5	Universal screening detects two-times more thyroid disorders in early pregnancy than targeted high-risk case finding. <i>European Journal of Endocrinology</i> , 2010, 163, 645-650.	3.7	98
6	Bridging disparate symptoms of schizophrenia: a triple network dysfunction theory. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 171.	2.0	98
7	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
8	The effect of zotepine, risperidone, clozapine and olanzapine on MK-801-disrupted sensorimotor gating. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 591-596.	2.9	78
9	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
10	Electroencephalographic Spectral and Coherence Analysis of Ketamine in Rats: Correlation with Behavioral Effects and Pharmacokinetics. <i>Neuropsychobiology</i> , 2011, 63, 202-218.	1.9	73
11	EEG source analysis in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2011, 122, 1735-1743.	1.5	59
12	Medial frontal and dorsal cortical morphometric abnormalities are related to obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2009, 464, 62-66.	2.1	55
13	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.	3.1	46
14	Behavioral, neurochemical and pharmac-EEG profiles of the psychedelic drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in rats. <i>Psychopharmacology</i> , 2013, 225, 75-93.	3.1	45
15	Expression of the Hippocampal NMDA Receptor GluN1 Subunit and Its Splicing Isoforms in Schizophrenia: Postmortem Study. <i>Neurochemical Research</i> , 2010, 35, 994-1002.	3.3	44
16	Serotonin1A receptors in the pathophysiology of schizophrenia: development of novel cognition-enhancing therapeutics. <i>Advances in Therapy</i> , 2008, 25, 1037-1056.	2.9	43
17	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.	1.9	43
18	Prothrombotic changes due to an increase in thyroid hormone levels. <i>European Journal of Endocrinology</i> , 2015, 172, 537-542.	3.7	43

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19	Multi-center machine learning in imaging psychiatry: A meta-model approach. <i>NeuroImage</i> , 2017, 155, 10-24.	4.2	42
20	Does Psychedelic Therapy Have a Transdiagnostic Action and Prophylactic Potential?. <i>Frontiers in Psychiatry</i> , 2021, 12, 661233.	2.6	41
21	Negative Effects of Latent Toxoplasmosis on Mental Health. <i>Frontiers in Psychiatry</i> , 2019, 10, 1012.	2.6	40
22	Spatial knowledge impairment after GPS guided navigation: Eye-tracking study in a virtual town. <i>International Journal of Human Computer Studies</i> , 2018, 116, 15-24.	5.6	39
23	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
24	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
25	Sex differences and serotonergic mechanisms in the behavioural effects of psilocin. <i>Behavioural Pharmacology</i> , 2016, 27, 309-320.	1.7	38
26	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
27	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. <i>Neuroscience Letters</i> , 2011, 493, 131-135.	2.1	34
28	A virtual reality task based on animal research ÅĈâ,~âĖœ spatial learning and memory in patients after the first episode of schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 157.	2.0	34
29	EEG correlates of a mental arithmetic task in patients with first episode schizophrenia and schizoaffective disorder. <i>Clinical Neurophysiology</i> , 2015, 126, 2090-2098.	1.5	33
30	Toxoplasmosis, but not borreliosis, is associated with psychiatric disorders and symptoms. <i>Schizophrenia Research</i> , 2018, 197, 603-604.	2.0	32
31	Carbamazepine and risk of hypothyroidism: a prospective study. <i>Acta Neurologica Scandinavica</i> , 2007, 116, 317-321.	2.1	30
32	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2020, 11, 844.	2.6	29
33	Biochemical, Histopathological and Morphological Profiling of a Rat Model of Early Immune Stimulation: Relation to Psychopathology. <i>PLoS ONE</i> , 2015, 10, e0115439.	2.5	26
34	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.	4.3	26
35	Endocannabinoid system in sexual motivational processes: Is it a novel therapeutic horizon?. <i>Pharmacological Research</i> , 2017, 115, 200-208.	7.1	26
36	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processingâĖ” study on P300 and mismatch negativity in healthy volunteers. <i>Psychopharmacology</i> , 2018, 235, 491-503.	3.1	26

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37	Early-stage visual perception impairment in schizophrenia, bottom-up and back again. NPJ Schizophrenia, 2022, 8, 27.	3.6	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	Prolactin response to d-fenfluramine challenge test as a predictor of treatment response to haloperidol in acute schizophrenia. Schizophrenia Research, 1998, 30, 91-99.	2.0	24
40	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. Pharmacology Biochemistry and Behavior, 2011, 98, 130-139.	2.9	24
41	The Role of Zebrafish and Laboratory Rodents in Schizophrenia Research. Frontiers in Psychiatry, 2020, 11, 703.	2.6	24
42	Role of Glutamatergic System in Obsessive-Compulsive Disorder with Possible Therapeutic Implications. Pharmacopsychiatry, 2018, 51, 229-242.	3.3	23
43	The opposite effect of a low and a high dose of serotonin-1A agonist on behavior induced by MK-801. Neuropharmacology, 2007, 52, 1071-1078.	4.1	22
44	Cerebral toxoplasmosis in an allogeneic peripheral stem cell transplant recipient: case report and review of literature. Transplant Infectious Disease, 2007, 9, 332-335.	1.7	22
45	Low-dose cholecalciferol supplementation and dual vitamin D therapy in haemodialysis patients. International Urology and Nephrology, 2015, 47, 169-176.	1.4	22
46	Physical Comorbidities in Depression Co-Occurring with Anxiety: A Cross Sectional Study in the Czech Primary Care System. International Journal of Environmental Research and Public Health, 2015, 12, 15728-15738.	2.6	21
47	Neural and neuronal discoordination in schizophrenia: From ensembles through networks to symptoms. Acta Physiologica, 2019, 226, e13282.	3.8	21
48	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
49	Three challenges that the COVID-19 pandemic represents for psychiatry. British Journal of Psychiatry, 2020, 217, 475-476.	2.8	19
50	Empathy-Related Responses to Depicted People in Art Works. Frontiers in Psychology, 2017, 8, 228.	2.1	18
51	Perception of direct vs. averted gaze in portrait paintings: An fMRI and eye-tracking study. Brain and Cognition, 2018, 125, 88-99.	1.8	18
52	Trans-generational neurochemical modulation of methamphetamine in the adult brain of the Wistar rat. Archives of Toxicology, 2017, 91, 3373-3384.	4.2	18
53	Validity of Quinpirole Sensitization Rat Model of OCD: Linking Evidence from Animal and Clinical Studies. Frontiers in Behavioral Neuroscience, 2016, 10, 209.	2.0	17
54	Resting energy expenditure and thermal balance during isothermic and thermoneutral haemodialysis heat production does not explain increased body temperature during haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 3553-3560.	0.7	16

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55	Stem Cells and the Phenomena of Plasticity and Diversity: A Limiting Property of Carcinogenesis. <i>Stem Cells and Development</i> , 2008, 17, 1031-1038.	2.1	16
56	Central Dopaminergic Activity Influences Metabolic Parameters in Healthy Men. <i>Neuroendocrinology</i> , 2013, 97, 132-138.	2.5	16
57	Relaxant effects of BRL 38227 and pinacidil on the rat gastric fundus. <i>European Journal of Pharmacology</i> , 1992, 214, 1-6.	3.5	15
58	Standardized low-resolution electromagnetic tomography in obsessive-compulsive disorder: A replication study. <i>Neuroscience Letters</i> , 2013, 548, 185-189.	2.1	15
59	Cannabis-induced altered states of consciousness are associated with specific dynamic brain connectivity states. <i>Journal of Psychopharmacology</i> , 2019, 33, 811-821.	4.0	15

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73	Could Prolonged Usage of GPS Navigation Implemented in Augmented Reality Smart Glasses Affect Hippocampal Functional Connectivity?. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	8
74	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.	2.2	8
75	Functional Connectivity Changes in Obsessive-Compulsive Disorder Correspond to Interference Control and Obsessions Severity. <i>Frontiers in Neurology</i> , 2020, 11, 568.	2.4	8
76	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.	0.6	8
77	Magnetic resonance relaxometry in monozygotic twins discordant and concordant for schizophrenia. <i>European Psychiatry</i> , 2005, 20, 41-44.	0.2	7
78	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.	3.3	6
79	Inhibition of peristaltic activity in the guinea-pig ileum by specific stress stimulus; its reversal by naloxone and indomethacin. <i>Life Sciences</i> , 1980, 27, 1557-1562.	4.3	5
80	Fusiform Activity Distinguishes Between Subjects With Low and High Xenophobic Attitudes Toward Refugees. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 98.	2.0	5
81	Is short-term memory capacity ($7\hat{A}\pm 2$) really predicted by theta to gamma cycle length ratio?. <i>Behavioural Brain Research</i> , 2021, 414, 113465.	2.2	5
82	RADIOIODINE TREATMENT OF GRAVESâ€™ DISEASE â€™ DOSE/RESPONSE ANALYSIS. <i>Acta Medica (Hradec) Tj ETQq0,0 0 rgBT /Overlock</i>	0.5	5
83	Dual Tracer ^{99m} Tc-Pertechnetate/ ^{99m} Tc-MIBI Dual-Time-Point SPECT/CT Parathyroid Gland Assessment Regarding to Parathyroid Gland Size and Biochemical Parameters â€™ Two Years Single Imaging Centre Experience. <i>Acta Medica (Hradec Kralove)</i> , 2019, 62, 1-5.	0.5	5
84	Severe Hypothyroidism as a Complication of Anticonvulsant Treatment. <i>Epilepsia</i> , 2004, 45, 292-293.	5.1	4
85	Sublingual apomorphine as a neuroendocrine probe. <i>Psychiatry Research</i> , 2012, 198, 297-299.	3.3	4
86	Effects of the adipokinetic hormone/red pigmentâ€™concentrating hormone (<sc>AKH</sc>/<sc>RPCH</sc>) family of peptides on <sc>MK</sc>â€™induced schizophrenia models. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 589-602.	1.9	4
87	Simultaneous fMRI-EEG-Based Characterisation of NREM Parasomnia Disease: Methods and Limitations. <i>Diagnostics</i> , 2020, 10, 1087.	2.6	4
88	Scintigraphic evaluation of salivary gland function in thyroid cancer patients after radioiodine remnant ablation. <i>European Journal of Oral Sciences</i> , 2020, 128, 204-210.	1.5	4
89	The Ups and Downs of BACE1: Walking a Fine Line between Neurocognitive and Other Psychiatric Symptoms of Alzheimerâ€™s Disease. <i>Neuroscientist</i> , 2021, 27, 222-234.	3.5	4
90	Global Adversities, the Media, and Mental Health. <i>Frontiers in Psychiatry</i> , 2021, 12, 809239.	2.6	3

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91	Brain Functional Connectivity Asymmetry: Left Hemisphere Is More Modular. <i>Symmetry</i> , 2022, 14, 833.	2.2	3
92	Campylobacter sepsis with multiple organ failure in IgG subclass deficiency. <i>Folia Microbiologica</i> , 2006, 51, 604-608.	2.3	2
93	Primary hyperparathyroidism associated with hypocalcemia in a patient presenting with kidney disease. <i>International Urology and Nephrology</i> , 2010, 42, 835-839.	1.4	2
94	Do Personality Features Influence Our Intuitions of the Mind-Body Problem? A Pilot Study. <i>Frontiers in Psychology</i> , 2018, 9, 1219.	2.1	2
95	Intrinsic Rivalry. Can White Bears Help Us With the Other Side of Consciousness?. <i>Frontiers in Psychology</i> , 2019, 10, 1087.	2.1	2
96	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.	2.4	2
97	Parathyroidectomy in Hyperparathyroidism-Associated Calciphylaxis in End-Stage Renal Disease Should be Prompt and Radical – a Case Report with Two Original Therapeutic Modifications and Successful Outcome. <i>Acta Medica (Hradec Kralove)</i> , 2017, 60, 85-88.	0.5	2
98	Thyroid nodules and thyroid cancer in women with positive thyroid screening in pregnancy: a double-centric, retrospective, cohort study. <i>European Thyroid Journal</i> , 2022, 11, .	2.4	2
99	Personality reflection in the brain's intrinsic functional architecture remains elusive. <i>PLoS ONE</i> , 2020, 15, e0232570.	2.5	1
100	Is radioiodine administration in patients with papillary thyroid multifocal microcarcinoma unnecessary?. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2016, 2016, 150138.	0.5	1
101	Salivary gland function in thyroid cancer patients with radioiodine administration history. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 277-283.	0.6	1
102	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.	3.3	1
103	POSTERS A.1 - BEHAVIOURAL AND BIOCHEMICAL PROFILES IN RATS INFECTED WITH TOXOPLASMA GONDII OR LIPOPOLYSACCHARIDE. <i>Behavioural Pharmacology</i> , 2013, 24, e22.	1.7	0
104	Acute Cannabis Intoxication and the Brain's Response to Visual Erotica: An Fmri Study. <i>Journal of Sexual Medicine</i> , 2017, 14, e253.	0.6	0
105	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.	1.5	0
106	Extraction and Evaluation of EEG Covariates and Their Influence on GLM Model. , 2021, , .		0