

# Jiri Horacek

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

3,492  
citations

172386

29  
h-index

155592

55  
g-index

107  
all docs

107  
docs citations

107  
times ranked

5180  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	1.2	2
2	Early-stage visual perception impairment in schizophrenia, bottom-up and back again. <i>NPJ Schizophrenia</i> , 2022, 8, 27.	2.0	26
3	Brain Functional Connectivity Asymmetry: Left Hemisphere Is More Modular. <i>Symmetry</i> , 2022, 14, 833.	1.1	3
4	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
5	The Ups and Downs of BACE1: Walking a Fine Line between Neurocognitive and Other Psychiatric Symptoms of Alzheimer's Disease. <i>Neuroscientist</i> , 2021, 27, 222-234.	2.6	4
6	Predictive value of heart rate in treatment of major depression with ketamine in two controlled trials. <i>Clinical Neurophysiology</i> , 2021, 132, 1339-1346.	0.7	11
7	Does Psychedelic Therapy Have a Transdiagnostic Action and Prophylactic Potential?. <i>Frontiers in Psychiatry</i> , 2021, 12, 661233.	1.3	41
8	Is short-term memory capacity ( $7\pm 2$ ) really predicted by theta to gamma cycle length ratio?. <i>Behavioural Brain Research</i> , 2021, 414, 113465.	1.2	5
9	Global Adversities, the Media, and Mental Health. <i>Frontiers in Psychiatry</i> , 2021, 12, 809239.	1.3	3
10	Extraction and Evaluation of EEG Covariates and Their Influence on GLM Model. , 2021, , .		0
11	The Effects of Daytime Psilocybin Administration on Sleep: Implications for Antidepressant Action. <i>Frontiers in Pharmacology</i> , 2020, 11, 602590.	1.6	11
12	Fusiform Activity Distinguishes Between Subjects With Low and High Xenophobic Attitudes Toward Refugees. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 98.	1.0	5
13	The Role of Zebrafish and Laboratory Rodents in Schizophrenia Research. <i>Frontiers in Psychiatry</i> , 2020, 11, 703.	1.3	24
14	The Antidepressant Effect of Ketamine Is Dampened by Concomitant Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2020, 11, 844.	1.3	29
15	Functional Connectivity Changes in Obsessive-Compulsive Disorder Correspond to Interference Control and Obsessions Severity. <i>Frontiers in Neurology</i> , 2020, 11, 568.	1.1	8
16	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
17	Simultaneous fMRI-EEG-Based Characterisation of NREM Parasomnia Disease: Methods and Limitations. <i>Diagnostics</i> , 2020, 10, 1087.	1.3	4
18	Three challenges that the COVID-19 pandemic represents for psychiatry. <i>British Journal of Psychiatry</i> , 2020, 217, 475-476.	1.7	19

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19	Personality reflection in the brain's intrinsic functional architecture remains elusive. PLoS ONE, 2020, 15, e0232570.	1.1	1
20	Scintigraphic evaluation of salivary gland function in thyroid cancer patients after radioiodine remnant ablation. European Journal of Oral Sciences, 2020, 128, 204-210.	0.7	4
21	Salivary gland function in thyroid cancer patients with radioiodine administration history. Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia, 2020, 164, 277-283.	0.2	1
22	Augmentation therapy of N-acetylcysteine for OCD: A meta-analysis of double-blind, randomized, placebo-controlled trials. Journal of Obsessive-Compulsive and Related Disorders, 2019, 23, 100481.	0.7	0
23	The effect of gabapentin and pregabalin on bone turnover and bone strength: A prospective study in Wistar rats. Pharmacological Reports, 2019, 71, 1213-1218.	1.5	6
24	Intrinsic Rivalry. Can White Bears Help Us With the Other Side of Consciousness?. Frontiers in Psychology, 2019, 10, 1087.	1.1	2
25	Cannabis-induced altered states of consciousness are associated with specific dynamic brain connectivity states. Journal of Psychopharmacology, 2019, 33, 811-821.	2.0	15
26	Neural and neuronal discoordination in schizophrenia: From ensembles through networks to symptoms. Acta Physiologica, 2019, 226, e13282.	1.8	21
27	Negative Effects of Latent Toxoplasmosis on Mental Health. Frontiers in Psychiatry, 2019, 10, 1012.	1.3	40
28	Dual Tracer 99mTc-Pertechnetate/99mTc-MIBI Dual-Time-Point SPECT/CT Parathyroid Gland Assessment Regarding to Parathyroid Gland Size and Biochemical Parameters – Two Years Single Imaging Centre Experience. Acta Medica (Hradec Kralove), 2019, 62, 1-5.	0.2	5
29	Toxoplasmosis, but not borreliosis, is associated with psychiatric disorders and symptoms. Schizophrenia Research, 2018, 197, 603-604.	1.1	32
30	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processing – study on P300 and mismatch negativity in healthy volunteers. Psychopharmacology, 2018, 235, 491-503.	1.5	26
31	Spatial knowledge impairment after GPS guided navigation: Eye-tracking study in a virtual town. International Journal of Human Computer Studies, 2018, 116, 15-24.	3.7	39
32	Role of Glutamatergic System in Obsessive-Compulsive Disorder with Possible Therapeutic Implications. Pharmacopsychiatry, 2018, 51, 229-242.	1.7	23
33	Do Personality Features Influence Our Intuitions of the Mind-Body Problem? A Pilot Study. Frontiers in Psychology, 2018, 9, 1219.	1.1	2
34	EEG coherence in a mental arithmetic task performance in first episode schizophrenia and schizoaffective disorder. Clinical Neurophysiology, 2018, 129, 2315-2324.	0.7	9
35	EEG correlates of induced anxiety in obsessive-compulsive patients: comparison of autobiographical and general anxiety scenarios. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 2165-2174.	1.0	12
36	Could Prolonged Usage of GPS Navigation Implemented in Augmented Reality Smart Glasses Affect Hippocampal Functional Connectivity?. BioMed Research International, 2018, 2018, 1-10.	0.9	8

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37	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
38	Effects of the adipokinetic hormone/red pigment-concentrating hormone (<sc>AKH</sc>/<sc>RPCH</sc>) family of peptides on <sc>MK</sc>-induced schizophrenia models. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 589-602.	1.0	4
39	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
40	Multi-center machine learning in imaging psychiatry: A meta-model approach. <i>NeuroImage</i> , 2017, 155, 10-24.	2.1	42
41	Acute Cannabis Intoxication and the Brain's Response to Visual Erotica: An Fmri Study. <i>Journal of Sexual Medicine</i> , 2017, 14, e253.	0.3	0
42	Endocannabinoid system in sexual motivational processes: Is it a novel therapeutic horizon?. <i>Pharmacological Research</i> , 2017, 115, 200-208.	3.1	26
43	Empathy-Related Responses to Depicted People in Art Works. <i>Frontiers in Psychology</i> , 2017, 8, 228.	1.1	18
44	Why and How. The Future of the Central Questions of Consciousness. <i>Frontiers in Psychology</i> , 2017, 8, 1797.	1.1	8
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	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.	0.2	2
47	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
48	Sex differences and serotonergic mechanisms in the behavioural effects of psilocin. <i>Behavioural Pharmacology</i> , 2016, 27, 309-320.	0.8	38
49	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression. <i>Psychiatry Research</i> , 2016, 240, 364-375.	1.7	25
50	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
51	Is radioiodine administration in patients with papillary thyroid multifocal microcarcinoma unnecessary?. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2016, 2016, 150138.	0.2	1
52	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
53	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
54	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

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55	Prothrombotic changes due to an increase in thyroid hormone levels. <i>European Journal of Endocrinology</i> , 2015, 172, 537-542.	1.9	43
56	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
57	Low-dose cholecalciferol supplementation and dual vitamin D therapy in haemodialysis patients. <i>International Urology and Nephrology</i> , 2015, 47, 169-176.	0.6	22
58	The effect of lacosamide on bone tissue in orchidectomised male albino Wistar rats. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 394-399.	0.2	8
59	A virtual reality task based on animal research Āĉâ,-â€œ spatial learning and memory in patients after the first episode of schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 157.	1.0	34
60	Bridging disparate symptoms of schizophrenia: a triple network dysfunction theory. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 171.	1.0	98
61	Psilocybin â€œ Summary of knowledge and new perspectives. <i>European Neuropsychopharmacology</i> , 2014, 24, 342-356.	0.3	167

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73	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
74	Impact of psychotropic drugs on adult hippocampal neurogenesis. <i>Neuroscience Research</i> , 2012, 73, 93-98.	1.0	8
75	Sublingual apomorphine as a neuroendocrine probe. <i>Psychiatry Research</i> , 2012, 198, 297-299.	1.7	4
76	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
77	EEG source analysis in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2011, 122, 1735-1743.	0.7	59
78	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. <i>Neuroscience Letters</i> , 2011, 493, 131-135.	1.0	34
79	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 130-139.	1.3	24
80	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
81	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
82	Primary hyperparathyroidism associated with hypocalcemia in a patient presenting with kidney disease. <i>International Urology and Nephrology</i> , 2010, 42, 835-839.	0.6	2
83	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.	1.9	98
84	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
85	Medial frontal and dorsal cortical morphometric abnormalities are related to obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2009, 464, 62-66.	1.0	55
86	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
87	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
88	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
89	Stem Cells and the Phenomena of Plasticity and Diversity: A Limiting Property of Carcinogenesis. <i>Stem Cells and Development</i> , 2008, 17, 1031-1038.	1.1	16
90	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

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91	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
92	Resting energy expenditure and thermal balance during isothermic and thermoneutral haemodialysis heat production does not explain increased body temperature during haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 3553-3560.	0.4	16
93	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
94	Cerebral toxoplasmosis in an allogeneic peripheral stem cell transplant recipient: case report and review of literature. <i>Transplant Infectious Disease</i> , 2007, 9, 332-335.	0.7	22
95	Carbamazepine and risk of hypothyroidism: a prospective study. <i>Acta Neurologica Scandinavica</i> , 2007, 116, 317-321.	1.0	30
96	Mechanism of Action of Atypical Antipsychotic Drugs and the Neurobiology of Schizophrenia. <i>CNS Drugs</i> , 2006, 20, 389-409.	2.7	385
97	Campylobacter sepsis with multiple organ failure in IgG subclass deficiency. <i>Folia Microbiologica</i> , 2006, 51, 604-608.	1.1	2
98	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.	1.8	435
99	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
100	Magnetic resonance relaxometry in monozygotic twins discordant and concordant for schizophrenia. <i>European Psychiatry</i> , 2005, 20, 41-44.	0.1	7
101	Severe Hypothyroidism as a Complication of Anticonvulsant Treatment. <i>Epilepsia</i> , 2004, 45, 292-293.	2.6	4
102	Radioiodine Treatment of Graves's™ Hyperthyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 6113-6113.	1.8	9
103	Effects of haloperidol treatment on prolactin response to D -fenfluramine challenge in acute schizophrenia. <i>Psychopharmacology</i> , 1999, 141, 322-325.	1.5	8
104	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
105	Relaxant effects of BRL 38227 and pinacidil on the rat gastric fundus. <i>European Journal of Pharmacology</i> , 1992, 214, 1-6.	1.7	15
106	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.	2.0	5