

Tomas Kasperek

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

1,972
citations

279778

23
h-index

289230

40
g-index

94
all docs

94
docs citations

94
times ranked

3454
citing authors

#	ARTICLE	IF	CITATIONS
1	Poststroke delirium incidence and outcomes. <i>Critical Care Medicine</i> , 2012, 40, 484-490.	0.9	148
2	fMRI neurofeedback in emotion regulation: A literature review. <i>NeuroImage</i> , 2019, 193, 75-92.	4.2	104
3	Treatment of negative symptoms of schizophrenia using repetitive transcranial magnetic stimulation in a double-blind, randomized controlled study. <i>Schizophrenia Research</i> , 2007, 95, 151-157.	2.0	93
4	Disruption in cerebellar and basal ganglia networks during a visuospatial task in cervical dystonia. <i>Movement Disorders</i> , 2017, 32, 757-768.	3.9	88
5	Emotion recognition and theory of mind in schizophrenia: A meta-analysis of neuroimaging studies. <i>World Journal of Biological Psychiatry</i> , 2018, 19, S86-S96.	2.6	80
6	Sociodemographic and delivery risk factors for developing postpartum depression in a sample of 3233 mothers from the Czech ELSPAC study. <i>BMC Psychiatry</i> , 2017, 17, 104.	2.6	70
7	Neurobiology of ADHD From Childhood to Adulthood. <i>Journal of Attention Disorders</i> , 2015, 19, 931-943.	2.6	63
8	HDAC1 and HDAC3 underlie dynamic H3K9 acetylation during embryonic neurogenesis and in schizophrenia-like animals. <i>Journal of Cellular Physiology</i> , 2018, 233, 530-548.	4.1	61
9	A detailed analysis of the effect of repetitive transcranial magnetic stimulation on negative symptoms of schizophrenia: A double-blind trial. <i>Schizophrenia Research</i> , 2013, 149, 167-173.	2.0	54
10	Repetitive transcranial magnetic stimulation reduces cigarette consumption in schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 49, 30-35.	4.8	54
11	Source-based morphometry of gray matter volume in men with first-episode schizophrenia. <i>Human Brain Mapping</i> , 2010, 31, 300-310.	3.6	52
12	Depression and Anxiety after Acute Myocardial Infarction Treated by Primary PCI. <i>PLoS ONE</i> , 2016, 11, e0152367.	2.5	47
13	Multi-center machine learning in imaging psychiatry: A meta-model approach. <i>NeuroImage</i> , 2017, 155, 10-24.	4.2	42
14	Influence of dose, gender, and cigarette smoking on clozapine plasma concentrations. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1535-1543.	2.2	41
15	Prefrontal but not temporal grey matter changes in males with first-episode schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 151-157.	4.8	40
16	Neurological soft signs and their relationship to 1-year outcome in first-episode schizophrenia. <i>European Psychiatry</i> , 2007, 22, 499-504.	0.2	40
17	Maximum-uncertainty linear discrimination analysis of first-episode schizophrenia subjects. <i>Psychiatry Research - Neuroimaging</i> , 2011, 191, 174-181.	1.8	39
18	Dynamics of neurological soft signs and its relationship to clinical course in patients with first-episode schizophrenia. <i>Psychiatry Research</i> , 2012, 200, 67-72.	3.3	38

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19	Towards a predictive model for post-stroke delirium. <i>Brain Injury</i> , 2012, 26, 962-971.	1.2	37
20	The Mechanisms of Movement Control and Time Estimation in Cervical Dystonia Patients. <i>Neural Plasticity</i> , 2013, 2013, 1-10.	2.2	36
21	Neurological soft signs, clinical symptoms and treatment reactivity in patients suffering from first episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2006, 40, 141-146.	3.1	35
22	Gray matter morphology and the level of functioning in one-year follow-up of first-episode schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1438-1446.	4.8	33
23	Unveiling the mystery of dACC: The structural anatomy of dACC. <i>Cortex</i> , 2012, 48, 1240-1243.	2.4	30
24	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
25	Processing of Emotion in Functional Neurological Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 479.	2.6	25
26	Abnormalities in Myelination of the Superior Cerebellar Peduncle in Patients with Schizophrenia and Deficits in Movement Sequencing. <i>Cerebellum</i> , 2014, 13, 415-424.	2.5	23
27	Impulsivity in patients with borderline personality disorder: a comprehensive profile compared with healthy people and patients with ADHD. <i>Psychological Medicine</i> , 2020, 50, 1829-1838.	4.5	23
28	Hippocampal volume in first-episode schizophrenia and longitudinal course of the illness. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 429-438.	2.6	22
29	Evaluation of different cerebrospinal fluid and white matter fMRI filtering strategies: Quantifying noise removal and neural signal preservation. <i>Human Brain Mapping</i> , 2019, 40, 1114-1138.	3.6	22
30	Serum dextromethorphan/dextrorphan metabolic ratio for CYP2D6 phenotyping in clinical practice. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2012, 37, 486-490.	1.5	21
31	Combining various types of classifiers and features extracted from magnetic resonance imaging data in schizophrenia recognition. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 237-249.	1.8	21
32	Poly(I:C) model of schizophrenia in rats induces sex-dependent functional brain changes detected by MRI that are not reversed by aripiprazole treatment. <i>Brain Research Bulletin</i> , 2018, 137, 146-155.	3.0	21
33	Disruption of Multiple Distinctive Neural Networks Associated With Impulse Control Disorder in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 462.	2.0	21
34	Aberrant EEG responses to gamma-frequency visual stimulation in schizophrenia. <i>Schizophrenia Research</i> , 2010, 124, 101-109.	2.0	20
35	Behavioral and Neuroanatomical Account of Impulsivity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 1338.	2.4	20
36	Psychopathology and treatment responsiveness of patients with first-episode schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2005, 1, 179-185.	2.2	20

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37	Brain functional connectivity of male patients in remission after the first episode of schizophrenia. <i>Human Brain Mapping</i> , 2013, 34, 726-737.	3.6	19
38	Predictive Motor Timing and the Cerebellar Vermis in Schizophrenia: An fMRI Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 1517-1527.	4.3	18
39	A Deformable Registration Method for Automated Morphometry of MRI Brain Images in Neuropsychiatric Research. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 452-461.	8.9	17
40	Cortico-cerebellar functional connectivity and sequencing of movements in schizophrenia. <i>BMC Psychiatry</i> , 2012, 12, 17.	2.6	17
41	Aripiprazole-induced adverse metabolic alterations in poly:C neurodevelopmental model of schizophrenia in rats. <i>Neuropharmacology</i> , 2017, 123, 148-158.	4.1	16
42	Processing of Emotions in Functional Movement Disorder: An Exploratory fMRI Study. <i>Frontiers in Neurology</i> , 2019, 10, 861.	2.4	15
43	Outcome in males with first-episode schizophrenia: 7-year follow-up. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 66-72.	2.6	14
44	Dimensions of Impulsivity in Healthy People, Patients with Borderline Personality Disorder, and Patients with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Attention Disorders</i> , 2021, 25, 584-595.	2.6	14
45	Supervised, Multivariate, Whole-Brain Reduction Did Not Help to Achieve High Classification Performance in Schizophrenia Research. <i>Frontiers in Neuroscience</i> , 2016, 10, 392.	2.8	12
46	Autism, impulsivity and inhibition a review of the literature. <i>Basal Ganglia</i> , 2018, 14, 44-53.	0.3	12
47	Theory of Mind Skills Are Related to Resting-State Frontolimbic Connectivity in Schizophrenia. <i>Brain Connectivity</i> , 2018, 8, 350-361.	1.7	12
48	Emotional impulsivity is connected to suicide attempts and health care utilization in patients with borderline personality disorder. <i>General Hospital Psychiatry</i> , 2019, 56, 54-55.	2.4	12
49	Brain Morphometry Methods for Feature Extraction in Random Subspace Ensemble Neural Network Classification of First-Episode Schizophrenia. <i>Neural Computation</i> , 2019, 31, 897-918.	2.2	11
50	Brain morphometry of MR images for automated classification of first-episode schizophrenia. <i>Information Fusion</i> , 2014, 19, 97-102.	19.1	10
51	Event-related Potentials and Their Applications. <i>Activitas Nervosa Superior</i> , 2014, 56, 17-23.	0.4	10
52	Neural Network of Predictive Motor Timing in the Context of Gender Differences. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	2.2	10
53	The association of matrix metalloproteinase 9 (MMP9) with hippocampal volume in schizophrenia: a preliminary MRI study. <i>Neuropsychopharmacology</i> , 2022, 47, 524-530.	5.4	10
54	Movement sequencing abilities and basal ganglia morphology in first-episode schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 752-762.	2.6	9

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55	Risperidone increases the cortical silent period in drug-naive patients with first-episode schizophrenia: A transcranial magnetic stimulation study. <i>Journal of Psychopharmacology</i> , 2017, 31, 500-504.	4.0	9
56	Random Subspace Ensemble Artificial Neural Networks for First-episode Schizophrenia Classification. , 0, , .		9
57	Asymptomatic Elevation of Amylase and Lipase After Olanzapine Treatment. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 181-183.	1.4	8
58	Neuronal substrate and effective connectivity of abnormal movement sequencing in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 67, 1-9.	4.8	8
59	Suicides in Males After the First Episode of Schizophrenia. <i>Journal of Nervous and Mental Disease</i> , 2011, 199, 62-64.	1.0	7
60	Prolactin levels in risperidone treatment of first-episode schizophrenia. <i>International Journal of Psychiatry in Clinical Practice</i> , 2004, 8, 31-36.	2.4	6
61	Psychosis effect on hippocampal reduction in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 186-192.	4.8	6
62	Severe acute dystonia/akathisia after paliperidone palmitate application â€“ a case study. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 341-342.	2.1	6
63	Hippocampal involvement in nonpathological dÃ©jÃ© vu: Subfield vulnerability rather than temporal lobe epilepsy equivalent. <i>Brain and Behavior</i> , 2018, 8, e00996.	2.2	6
64	Emotional Awareness in Schizophrenia Is Associated With Gray Matter Volume of Right Precuneus. <i>Frontiers in Psychiatry</i> , 2021, 12, 601742.	2.6	6
65	Electrodermal Response to Mirror Exposure in Relation to Subjective Emotional Responses, Emotional Competences and Affectivity in Adolescent Girls With Restrictive Anorexia and Healthy Controls. <i>Frontiers in Psychology</i> , 2021, 12, 673597.	2.1	6
66	Medical Studentsâ€™ Career Choice and Attitudes Toward Psychiatry: Case of the Czech Republic. <i>Academic Psychiatry</i> , 2020, 44, 751-755.	0.9	5
67	Insight in first-episode schizophrenia. <i>International Journal of Psychiatry in Clinical Practice</i> , 2008, 12, 36-40.	2.4	4
68	Structural MRI-Based Schizophrenia Classification Using Autoencoders and 3D Convolutional Neural Networks in Combination with Various Pre-Processing Techniques. <i>Brain Sciences</i> , 2022, 12, 615.	2.3	4
69	Influencing negative symptoms of schizophrenia with repetitive transcranial magnetic stimulation: a case study. <i>Acta Neuropsychiatrica</i> , 2007, 19, 53-55.	2.1	3
70	Transcranial Magnetic Stimulation in Schizophrenia. , 0, , .		3
71	Brain Connectivity and Symptom Changes After Transcranial Magnetic Stimulation in Patients With Borderline Personality Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 770353.	2.6	3
72	Morphology of Fronto-temporal Regions and Word Generation in First-episode Schizophrenia. <i>Actas Nervosae Superior</i> , 2008, 50, 88-90.	0.4	2

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73	Withdrawal related adverse effects of antipsychotic medication in a patient with first-episode schizophrenia. <i>Open Medicine (Poland)</i> , 2011, 6, 662-664.	1.3	2
74	Comparison of Point Similarity Measures for Atlas-based Registration of MRI Brain Images. , 2005, 2006, 455-8.		1
75	How and Why Psychiatrists Should Use Imaging Methods. <i>Activitas Nervosa Superior</i> , 2010, 52, 118-127.	0.4	1
76	Brain Image Classification Based on Automated Morphometry and Penalised Linear Discriminant Analysis with Resampling. , 0, , .		1
77	Processing of emotionally ambiguous stimuli in eating disorders: an fMRI pilot study. <i>Eating and Weight Disorders</i> , 2021, 26, 2757-2761.	2.5	1
78	Hemodynamic and white blood cells parameters in patients with first-episode psychosis: a pilot longitudinal study. <i>International Journal of Psychiatry in Clinical Practice</i> , 2021, , 1-4.	2.4	1
79	Noise reduction in asteroid imaging using a miniaturized spectral imager. , 2021, , .		1
80	Transcranial magnetic stimulation in borderline personality disorder " case series. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2019, 82/115, .	0.1	1
81	Identification of Laminar Composition in Cerebral Cortex Using Low-Resolution Magnetic Resonance Images and Trust Region Optimization Algorithm. <i>Diagnostics</i> , 2022, 12, 24.	2.6	1
82	S168. THE ASSOCIATION BETWEEN MMP-9 AND CHOROID PLEXUS VOLUME IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2020, 46, S100-S101.	4.3	0
83	Signos neurol3gicos leves y relaci3n con las variables de evaluaci3n al a±o de un primer episodio de esquizofrenia. <i>European Psychiatry (Ed Espa±ola)</i> , 2008, 15, 75-80.	0.0	0
84	Derived Primate-Specific Astroglia Reveal Brain Disorder Traits. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0