Filip Spaniel

List of Publications by Year
in descending order

77 papers	2,959 citations	257101 24 h-index	189595 50 g-index
89 all docs	89 docs citations	89 times ranked	5255 citing authors

#	Article	IF	Citations
1	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	0.7	627
2	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	4.1	522
3	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
4	ITAREPS: Information Technology Aided Relapse Prevention Programme in Schizophrenia. Schizophrenia Research, 2008, 98, 312-317.	1.1	116
5	Bridging disparate symptoms of schizophrenia: a triple network dysfunction theory. Frontiers in Behavioral Neuroscience, 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. Neuropsychobiology, 2007, 55, 132-142.	0.9	97
7	Brain Age in Early Stages of Bipolar Disorders or Schizophrenia. Schizophrenia Bulletin, 2019, 45, 190-198.	2.3	94
8	Obesity, dyslipidemia and brain age in first-episode psychosis. Journal of Psychiatric Research, 2018, 99, 151-158.	1.5	80
9	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.	1.3	77
10	Effectiveness of the Information Technology-Aided Program of Relapse Prevention in Schizophrenia (ITAREPS). Journal of Psychiatric Practice, 2012, 18, 269-280.	0.3	66
11	Connectivity of the anterior insula differentiates participants with first-episode schizophrenia spectrum disorders from controls: a machine-learning study. Psychological Medicine, 2016, 46, 2695-2704.	2.7	57
12	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.	1.1	56
13	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.	0.8	52
14	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. American Journal of Psychiatry, 2020, 177, 537-547.	4.0	49
15	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
16	Interaction Testing and Polygenic Risk Scoring to Estimate the Association of Common Genetic Variants With Treatment Resistance in Schizophrenia. JAMA Psychiatry, 2022, 79, 260.	6.0	44
17	Multi-center machine learning in imaging psychiatry: A meta-model approach. NeuroImage, 2017, 155, 10-24.	2.1	42
18	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.	1.8	38

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19	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. Psychological Medicine, 2010, 40, 1443-1451.	2.7	37
20	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. Neuroscience Letters, 2011, 493, 131-135.	1.0	34
21	Machine learning classification of first-episode schizophrenia spectrum disorders and controls using whole brain white matter fractional anisotropy. BMC Psychiatry, 2018, 18, 97.	1.1	33
22	Age- and Sex-Dependent Laterality of Rat Hippocampal Cholinergic System in Relation to Animal Models of Neurodevelopmental and Neurodegenerative Disorders. Neurochemical Research, 2004, 29, 671-680.	1.6	30
23	Obesity as a Risk Factor for Accelerated Brain Ageing in First-Episode Psychosisâ€"A Longitudinal Study. Schizophrenia Bulletin, 2021, 47, 1772-1781.	2.3	30
24	Cognitive Profiles and Functional Connectivity in First-Episode Schizophrenia Spectrum Disorders â€“ Linking Behavioral and Neuronal Data. Frontiers in Psychology, 2019, 10, 689.	1.1	29
25	Staging of Schizophrenia With the Use of PANSS: An International Multi-Center Study. International Journal of Neuropsychopharmacology, 2019, 22, 681-697.	1.0	28
26	Language lateralization in monozygotic twins discordant and concordant for schizophrenia. A functional MRI pilot study. European Psychiatry, 2007, 22, 319-322.	0.1	27
27	Relapse in schizophrenia: Definitively not a bolt from the blue. Neuroscience Letters, 2018, 669, 68-74.	1.0	27
28	Altered Neural Correlate of the Self-Agency Experience in First-Episode Schizophrenia-Spectrum Patients: An fMRI Study. Schizophrenia Bulletin, 2016, 42, 916-925.	2.3	26
29	The effect of tryptophan depletion on brain activation measured by functional magnetic resonance imaging during the Stroop test in healthy subjects. Physiological Research, 2005, 54, 235-44.	0.4	25
30	Cerebellar parcellation in schizophrenia and bipolar disorder. Acta Psychiatrica Scandinavica, 2019, 140, 468-476.	2.2	24
31	Identifying a neuroanatomical signature of schizophrenia, reproducible across sites and stages, using machine learning with structured sparsity. Acta Psychiatrica Scandinavica, 2018, 138, 571-580.	2.2	20
32	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.	1.2	18
33	An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium. Psychological Medicine, 2020, 50, 2034-2045.	2.7	18
34	Theoretical Modeling of Cognitive Dysfunction in Schizophrenia by Means of Errors and Corresponding Brain Networks. Frontiers in Psychology, 2018, 9, 1027.	1.1	17
35	Regional brain metabolism as the predictor of performance on the Trail Making Test in schizophrenia. A 18FDG PET covariation study. Neuroendocrinology Letters, 2006, 27, 587-94.	0.2	17
36	Obesity and brain structure in schizophrenia â€“ ENIGMA study in 3021 individuals. Molecular Psychiatry, 2022, 27, 3731-3737.	4.1	17

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37	Cannabis-induced altered states of consciousness are associated with specific dynamic brain connectivity states. Journal of Psychopharmacology, 2019, 33, 811-821.	2.0	15
38	Are There Any Differences in the Efficacy among Second Generation Antipsychotics in the Treatment of Schizophrenia and Related Disorders?. Annals of Clinical Psychiatry, 2007, 19, 133-143.	0.6	13
39	Relapse prevention in schizophrenia: does group family psychoeducation matter? One-year prospective follow-up field study. International Journal of Psychiatry in Clinical Practice, 2006, 10, 38-44.	1.2	12
40	Crossâ€sectional and withinâ€subject seasonality and regularity of hospitalizations: A population study in mood disorders and schizophrenia. Bipolar Disorders, 2020, 22, 508-516.	1.1	11
41	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	0.7	11
42	Differences in fMRI and MRS in a monozygotic twin pair discordant for schizophrenia (case report). Acta Psychiatrica Scandinavica, 2003, 107, 155-158.	2.2	10
43	Comparison of Visuospatial and Verbal Abilities in First Psychotic Episode of Schizophrenia Spectrum Disorder: Impact on Global Functioning and Quality of Life. Frontiers in Behavioral Neuroscience, 2015, 9, 322.	1.0	10
44	Analysis of actigraph parameters for relapse prediction in bipolar disorder: A feasibility study. , 2014, 2014, 4972-5.		9
45	EEG coherence in a mental arithmetic task performance in first episode schizophrenia and schizoaffective disorder. Clinical Neurophysiology, 2018, 129, 2315-2324.	0.7	9
46	Higher Body-Mass Index and Lower Gray Matter Volumes in First Episode of Psychosis. Frontiers in Psychiatry, 2020, 11, 556759.	1.3	9
47	Motor activity patterns can distinguish between interepisode bipolar disorder patients and healthy controls. CNS Spectrums, 2022, 27, 82-92.	0.7	9
48	Disrupted Sense of Agency as a State Marker of First-Episode Schizophrenia: A Large-Scale Follow-Up Study. Frontiers in Psychiatry, 2020, 11, 570570.	1.3	8
49	18FDG PET in hallucinating and non-hallucinating patients. Neuroendocrinology Letters, 2007, 28, 53-9.	0.2	8
50	Magnetic resonance relaxometry in monozygotic twins discordant and concordant for schizophrenia. European Psychiatry, 2005, 20, 41-44.	0.1	7
51	Psychoeducation for Schizophrenia in the Czech Republic: Curriculum Modification Based on Opinions of Service Users and Providers. Academic Psychiatry, 2015, 39, 186-190.	0.4	6
52	Classification of first-episode psychosis using cortical thickness: A large multicenter MRI study. European Neuropsychopharmacology, 2021, 47, 34-47.	0.3	6
53	P01.110 Psychoeducation and relapse of schizophrenia. European Psychiatry, 2000, 15, 349s-349s.	0.1	5
54	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. Biological Psychiatry, 2019, 85, e35-e39.	0.7	5

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55	Modeling psychological function in patients with schizophrenia with the PANSS: an international multi-center study. CNS Spectrums, 2021, 26, 290-298.	0.7	5
56	Brain ventricular volume changes in schizophrenia. A narrative review. Neuroscience Letters, 2021, 759, 136065.	1.0	4
57	The relationships between cognitive reserve, cognitive functioning and quality of life in first-episode schizophrenia spectrum disorders. Psychiatry Research, 2022, 310, 114479.	1.7	4
58	Planum Temporale Analysis Via a New Volumetric Method in Autoptic Brains of Demented and Psychotic Patients. Current Alzheimer Research, 2009, 6, 69-76.	0.7	3
59	Cognitive profiles of healthy siblings of firstâ€episode schizophrenia patients. Microbial Biotechnology, 2021, 15, 554-562.	0.9	3
60	Brain Functional Connectivity Asymmetry: Left Hemisphere Is More Modular. Symmetry, 2022, 14, 833.	1.1	3
61	Language lateralisation in schizophrenia. British Journal of Psychiatry, 2005, 186, 444-444.	1.7	2
62	Information technology aided relapse prevention in schizophrenia: ITAREPS. European Psychiatry, 2007, 22, S140.	0.1	2
63	Plastic Strain Concentrations in Perforated Structures Subjected to Alternating Loads. Journal of Pressure Vessel Technology, Transactions of the ASME, 1982, 104, 161-167.	0.4	1
64	Anti-correlated Brain Networks and Self-agency Experience in First-episode Schizophrenia-spectrum Patients. an FMRI Study.. European Psychiatry, 2015, 30, 897.	0.1	1
65	Classification of first-episode schizophrenia spectrum disorders and controls from whole brain white matter fractional anisotropy using machine learning. European Psychiatry, 2017, 41, S191-S191.	0.1	1
66	Evidence for the Association between the Intronic Haplotypes of Ionotropic Glutamate Receptors and First-Episode Schizophrenia. Journal of Personalized Medicine, 2021, 11, 1250.	1.1	1
67	The effect of low-frequency rTMS on regional brain metabolism (PET) in auditory hallucinations as the background for neuronavigated rTMS. European Psychiatry, 2007, 22, S315.	0.1	0
68	Asymmetry of language activation in families with multiple incidence of schizophrenia. European Psychiatry, 2008, 23, S188.	0.1	0
69	Day treatment program for schizophrenia based on psychoeducation: The 6-week follow-up focused on psychopathology and quality of life. European Psychiatry, 2008, 23, S134.	0.1	0
70	ITAREPS: Information technology aided relapse prevention programme in schizophrenia. A two-year mirror design follow up evaluation. European Psychiatry, 2008, 23, S148.	0.1	0
71	P.1.i.011 Effect of delta-9-tetrahydrocannabinol on the whole-brain resting state functional connectivity: a dynamic connectivity approach. European Neuropsychopharmacology, 2015, 25, S305.	0.3	0
72	623. Classification of First-Episode Schizophrenia Spectrum Disorders and Controls from Whole Brain White Matter Fractional Anisotropy Using Machine Learning. Biological Psychiatry, 2017, 81, S252.	0.7	0

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73	Explorative analysis of the association between trail making test error types and brain connectivity in first episode psychosis. European Neuropsychopharmacology, 2017, 27, S742.	0.3	0
74	T233. Obesity and Brain Age in First Episode of Schizophrenia-Spectrum Disorders â€“ Effects of Antipsychotic Medications. Biological Psychiatry, 2018, 83, S219.	0.7	0
75	P.4.10 Obesity, first-episode psychosis and lower brain gray matter volumes. European Neuropsychopharmacology, 2019, 29, S708.	0.3	0
76	S177. Self-Disturbance Scale and its Application in Schizophrenia. Biological Psychiatry, 2019, 85, S366.	0.7	0
77	Validity of the Aktibipo Self-rating Questionnaire for the Digital Self-assessment of Mood and Relapse Detection in Patients With Bipolar Disorder: Instrument Validation Study. JMIR Mental Health, 2021, 8, e26348.	1.7	0