

# Dusan Hirjak

## List of Publications by Citations

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103  
papers

1,534  
citations

24  
h-index

31  
g-index

127  
ext. papers

2,182  
ext. citations

3.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
103	Motor dysfunction within the schizophrenia-spectrum: A dimensional step towards an underappreciated domain. <i>Schizophrenia Research</i> , <b>2015</b> , 169, 217-233	3.6	66
102	Structural and functional correlates of smartphone addiction. <i>Addictive Behaviors</i> , <b>2020</b> , 105, 106334	4.2	51
101	Source-based morphometry of gray matter volume in patients with schizophrenia who have persistent auditory verbal hallucinations. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2014</b> , 50, 102-9	5.5	51
100	Evidence Synthesis of Digital Interventions to Mitigate the Negative Impact of the COVID-19 Pandemic on Public Mental Health: Rapid Meta-review. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e23365	7.6	49
99	All roads lead to the motor cortex: psychomotor mechanisms and their biochemical modulation in psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 92-102	15.1	44
98	Combined tract segmentation and orientation mapping for bundle-specific tractography. <i>Medical Image Analysis</i> , <b>2019</b> , 58, 101559	15.4	43
97	Overcoming Disembodiment: The Effect of Movement Therapy on Negative Symptoms in Schizophrenia-A Multicenter Randomized Controlled Trial. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 483	3.4	39
96	Cortical signature of neurological soft signs in recent onset schizophrenia. <i>Brain Topography</i> , <b>2014</b> , 27, 296-306	4.3	38
95	Neurological soft signs and subcortical brain morphology in recent onset schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2012</b> , 46, 533-9	5.2	38
94	Neuromodulation in response to electroconvulsive therapy in schizophrenia and major depression. <i>Brain Stimulation</i> , <b>2017</b> , 10, 637-644	5.1	34
93	Motor dysfunction as research domain in the period preceding manifest schizophrenia: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 87, 87-105	9	34
92	Multimodal Magnetic Resonance Imaging Data Fusion Reveals Distinct Patterns of Abnormal Brain Structure and Function in Catatonia. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 202-210	1.3	32
91	Structural network changes in patients with major depression and schizophrenia treated with electroconvulsive therapy. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 1465-1474	1.2	31
90	Local brain gyrification as a marker of neurological soft signs in schizophrenia. <i>Behavioural Brain Research</i> , <b>2015</b> , 292, 19-25	3.4	30
89	Neurological soft signs in recent-onset schizophrenia: Focus on the cerebellum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 60, 18-25	5.5	30
88	Neurological soft signs and brainstem morphology in first-episode schizophrenia. <i>Neuropsychobiology</i> , <b>2013</b> , 68, 91-9	4	28
87	Aberrant cortical neurodevelopment in major depressive disorder. <i>Journal of Affective Disorders</i> , <b>2019</b> , 243, 340-347	6.6	28

86	Cortical Contributions to Distinct Symptom Dimensions of Catatonia. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1184-1194	1.3	27
85	Neural network activity and neurological soft signs in healthy adults. <i>Behavioural Brain Research</i> , <b>2015</b> , 278, 514-9	3.4	26
84	Cerebellar volume change in response to electroconvulsive therapy in patients with major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 73, 31-35	5.5	26
83	Motor dysfunction as research domain across bipolar, obsessive-compulsive and neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 95, 315-335	9	26
82	Going Back to Kahlbaum's Psychomotor (and GABAergic) Origins: Is Catatonia More Than Just a Motor and Dopaminergic Syndrome?. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 272-285	1.3	25
81	Intrinsic neural network dysfunction in quiescent Crohn's Disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 11579	4.9	25
80	Abnormal cerebellar volume in acute and remitted major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 71, 97-102	5.5	24
79	Multiparametric mapping of neurological soft signs in healthy adults. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 1209-21	4	24
78	Disturbance of intentionality: a phenomenological study of body-affecting first-rank symptoms in schizophrenia. <i>PLoS ONE</i> , <b>2013</b> , 8, e73662	3.7	24
77	Motor abnormalities and basal ganglia in schizophrenia: evidence from structural magnetic resonance imaging. <i>Brain Topography</i> , <b>2015</b> , 28, 135-52	4.3	23
76	Hippocampal morphology and autobiographic memory in mild cognitive impairment and Alzheimer's disease. <i>Current Alzheimer Research</i> , <b>2012</b> , 9, 507-15	3	23
75	Neurological Soft Signs and Psychopathology in Chronic Schizophrenia: A Cross-Sectional Study in Three Age Groups. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 98	5	20
74	Altered Markers of Brain Development in Crohn's Disease with Extraintestinal Manifestations - A Pilot Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163202	3.7	20
73	Motor dysfunction as an intermediate phenotype across schizophrenia and other psychotic disorders: Progress and perspectives. <i>Schizophrenia Research</i> , <b>2018</b> , 200, 26-34	3.6	19
72	Delusions of technical alien control: a phenomenological description of three cases. <i>Psychopathology</i> , <b>2010</b> , 43, 96-103	3.4	19
71	Cortical features of distinct developmental trajectories in patients with delusional infestation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 76, 72-79	5.5	18
70	Movement disorder and sensorimotor abnormalities in schizophrenia and other psychoses - European consensus on assessment and perspectives. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 38, 25-39	1.2	18
69	Patterns of co-altered brain structure and function underlying neurological soft signs in schizophrenia spectrum disorders. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 5029-5041	5.9	17

68	Noninvasive brain stimulation for the treatment of auditory verbal hallucinations in schizophrenia: methods, effects and challenges. <i>Frontiers in Systems Neuroscience</i> , <b>2015</b> , 9, 131	3.5	17
67	Reduced gray to white matter tissue intensity contrast in schizophrenia. <i>PLoS ONE</i> , <b>2012</b> , 7, e37016	3.7	17
66	Association of cortical thickness and neurological soft signs in patients with chronic schizophrenia and healthy controls. <i>Neuropsychobiology</i> , <b>2015</b> , 71, 225-33	4	15
65	Effects of Dance Movement Therapy on Adult Patients with Autism Spectrum Disorder: A Randomized Controlled Trial. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2018</b> , 8,	2.3	15
64	Structure/function interrelationships in patients with schizophrenia who have persistent auditory verbal hallucinations: A multimodal MRI study using parallel ICA. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 93, 114-121	5.5	14
63	Neural correlates of cue reactivity in individuals with smartphone addiction. <i>Addictive Behaviors</i> , <b>2020</b> , 108, 106422	4.2	14
62	Cortical folding patterns are associated with impulsivity in healthy young adults. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 1592-1603	4.1	14
61	Neurological abnormalities in recent-onset schizophrenia and asperger-syndrome. <i>Frontiers in Psychiatry</i> , <b>2014</b> , 5, 91	5	14
60	Cerebellar contributions to neurological soft signs in healthy young adults. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2016</b> , 266, 35-41	5.1	13
59	Neuroanatomical Markers of Neurological Soft Signs in Recent-Onset Schizophrenia and Asperger-Syndrome. <i>Brain Topography</i> , <b>2016</b> , 29, 382-94	4.3	13
58	Transdiagnostic modulation of brain networks by electroconvulsive therapy in schizophrenia and major depression. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 925-935	1.2	13
57	Hippocampal formation alterations differently contribute to autobiographic memory deficits in mild cognitive impairment and Alzheimer's disease. <i>Hippocampus</i> , <b>2017</b> , 27, 702-715	3.5	12
56	A Neural Signature of Parkinsonism in Patients With Schizophrenia Spectrum Disorders: A Multimodal MRI Study Using Parallel ICA. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 999-1008	1.3	12
55	Cortical neurodevelopment in pre-manifest Huntington's disease. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101913	5.3	12
54	White matter microstructure variations contribute to neurological soft signs in healthy adults. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 3552-3565	5.9	11
53	Multiparametric mapping of white matter microstructure in catatonia. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1750-1757	8.7	11
52	Aberrant brain structural large-scale connectome in Crohn's disease. <i>Neurogastroenterology and Motility</i> , <b>2019</b> , 31, e13593	4	10
51	Cortical folding abnormalities in patients with schizophrenia who have persistent auditory verbal hallucinations. <i>European Neuropsychopharmacology</i> , <b>2018</b> , 28, 297-306	1.2	10

50	Amygdala structure and aggressiveness in borderline personality disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2018</b> , 268, 417-427	5.1	10
49	Subcortical morphological correlates of impaired clock drawing performance. <i>Neuroscience Letters</i> , <b>2012</b> , 512, 28-32	3.3	10
48	Cortical signature of clock drawing performance in Alzheimer's disease and mild cognitive impairment. <i>Journal of Psychiatric Research</i> , <b>2017</b> , 90, 133-142	5.2	9
47	Differential contributions of brainstem structures to neurological soft signs in first- and multiple-episode schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , <b>2019</b> , 210, 101-106	3.6	8
46	Moving forward: distinct sensorimotor abnormalities predict clinical outcome after 6 months in patients with schizophrenia. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 36, 72-82	1.2	8
45	Differential contributions of cortical thickness and surface area to trait impulsivity in healthy young adults. <i>Behavioural Brain Research</i> , <b>2018</b> , 350, 65-71	3.4	8
44	GABA and Negative Affect-Catatonia as Model of RDoC-Based Investigation in Psychiatry. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1168-1169	1.3	7
43	A search for cortical correlates of trait impulsivity in Parkinson's disease. <i>Behavioural Brain Research</i> , <b>2019</b> , 369, 111911	3.4	7
42	Dissociative paraplegia after epidural anesthesia: a case report. <i>Journal of Medical Case Reports</i> , <b>2013</b> , 7, 56	1.2	7
41	Sensorimotor Neuroscience in Mental Disorders: Progress, Perspectives and Challenges. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 880-882	1.3	7
40	Exploring cortical predictors of clinical response to electroconvulsive therapy in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2020</b> , 270, 253-261	5.1	7
39	Mindfulness-based interventions modulate structural network strength in patients with opioid dependence. <i>Addictive Behaviors</i> , <b>2018</b> , 82, 50-56	4.2	6
38	GABA receptor, clozapine, and catatonia-a complex triad. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2683-2684	15.1	6
37	Cognition and Cortical Thickness in Heavy Cannabis Users. <i>European Addiction Research</i> , <b>2021</b> , 27, 115-122	4.6	6
36	The relevance of hippocampal subfield integrity and clock drawing test performance for the diagnosis of Alzheimer's disease and mild cognitive impairment. <i>World Journal of Biological Psychiatry</i> , <b>2019</b> , 20, 197-208	3.8	6
35	Aberrant Gray Matter Volume and Cortical Surface in Paranoid-Type Delusional Disorder. <i>Neuropsychobiology</i> , <b>2020</b> , 79, 335-344	4	5
34	Digital interventions to mitigate the negative impact of the COVID-19 pandemic on public mental health: a rapid meta-review		5
33	A neurodevelopmental signature of parkinsonism in schizophrenia. <i>Schizophrenia Research</i> , <b>2021</b> , 231, 54-60	3.6	5

32	Neurological Soft Signs Predict Auditory Verbal Hallucinations in Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 433-443	1.3	5
31	Intrinsic Network Connectivity Patterns Underlying Specific Dimensions of Impulsiveness in Healthy Young Adults. <i>Brain Topography</i> , <b>2018</b> , 31, 477-487	4.3	5
30	Progress in sensorimotor neuroscience of schizophrenia spectrum disorders: Lessons learned and future directions. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110370	5.5	5
29	Two Sides of the Same Coin: A Case Report of First-Episode Catatonic Syndrome in a High-Functioning Autism Patient. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 224	5	4
28	Aerobic endurance training to improve cognition and enhance recovery in schizophrenia: design and methodology of a multicenter randomized controlled trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 271, 315-324	5.1	4
27	Intrinsic neural network dynamics in catatonia. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 6087-6098	5.9	4
26	Functional Decoupling of Language and Self-Reference Networks in Patients with Persistent Auditory Verbal Hallucinations. <i>Neuropsychobiology</i> , <b>2020</b> , 79, 345-351	4	3
25	Abnormal cerebellar volume in somatic vs. non-somatic delusional disorders. <i>Cerebellum and Ataxias</i> , <b>2020</b> , 7, 2	1.7	3
24	Evidence for Distinguishable Treatment Costs among Paranoid Schizophrenia and Schizoaffective Disorder. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157635	3.7	3
23	Effects of a Novel, Transdiagnostic, Hybrid Ecological Momentary Intervention for Improving Resilience in Youth (EMlcompass): Protocol for an Exploratory Randomized Controlled Trial. <i>JMIR Research Protocols</i> , <b>2021</b> , 10, e27462	2	3
22	Neurological soft signs in schizophrenia spectrum disorders are not confounded by current antipsychotic dosage. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 31, 47-57	1.2	3
21	Brainstem alterations contribute to catatonia in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , <b>2020</b> , 224, 82-87	3.6	3
20	Structural correlates of sensorimotor dysfunction in heavy cannabis users. <i>Addiction Biology</i> , <b>2021</b> , 26, e13032	4.6	3
19	Multimodal MRI data fusion reveals distinct structural, functional and neurochemical correlates of heavy cannabis use. <i>Addiction Biology</i> , <b>2021</b> , e13113	4.6	2
18	Characterizing the sensorimotor domain in schizophrenia spectrum disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 1	5.1	2
17	Why is there symptom coupling of psychological and motor changes in psychomotor mechanisms? Insights from the brain's topography. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3669-3671	15.1	2
16	Structural alterations in brainstem, basal ganglia and thalamus associated with parkinsonism in schizophrenia spectrum disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 271, 1455-1464	5.1	2
15	Reacknowledging a "motor dimension" will lead to biologically reliable phenotypes and innovative treatment strategies in mental disorders. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 1253-4	1.2	2

14	Neural correlates of binocular depth inversion illusion in antipsychotic-naïve first-episode schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2019</b> , 269, 897-910	5.1	2
13	Motor domain in psychotic disorders: the rebirth of a concept. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2020</b> , 270, 399-400	5.1	2
12	Generative network models of altered structural brain connectivity in schizophrenia. <i>NeuroImage</i> , <b>2021</b> , 225, 117510	7.9	2
11	White matter microstructure alterations in cortico-striatal networks are associated with parkinsonism in schizophrenia spectrum disorders. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 50, 64-74	1.2	2
10	Neural Correlates of the Risk for Schizophrenia and Bipolar Disorder: A Meta-analysis of Structural and Functional Neuroimaging Studies.. <i>Biological Psychiatry</i> , <b>2022</b> ,	7.9	2
9	Cortical folding complexity is distinctively altered in schizophrenia and bipolar disorder.. <i>Schizophrenia Research</i> , <b>2022</b> , 241, 92-93	3.6	1
8	Effects of a Novel, Transdiagnostic, Hybrid Ecological Momentary Intervention for Improving Resilience in Youth (EMlcompass): Protocol for an Exploratory Randomized Controlled Trial (Preprint)		1
7	The polysemous concepts of psychomotricity and catatonia: A European multi-consensus perspective.. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 56, 60-73	1.2	1
6	Antipsychotic-induced catatonia and neuroleptic malignant syndrome: the dark side of the moon. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	1
5	Neural Responses of Benefiting From the Prosocial Exchange: The Effect of Helping Behavior. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 606858	3.4	1
4	Different faces of catatonia and how to approach them.. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2022</b> , 1	5.1	0
3	Cortical morphology and illness insight in patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 1	5.1	0
2	Multiparametric assessment of sensorimotor abnormalities in vulnerable populations: A window of opportunity.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104658	9	
1	Association between aerobic fitness and the functional connectome in patients with schizophrenia.. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2022</b> , 1	5.1	