

Nina V Kraguljac

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,306
citations

257450

24
h-index

223800

46
g-index

59
all docs

59
docs citations

59
times ranked

2848
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurometabolites in schizophrenia and bipolar disorder – A systematic review and meta-analysis. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 111-125.	1.8	179
2	Increased Hippocampal Glutamate and Volumetric Deficits in Unmedicated Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 1294.	11.0	179
3	Brain structure, function, and neurochemistry in schizophrenia and bipolar disorder – a systematic review of the magnetic resonance neuroimaging literature. <i>NPJ Schizophrenia</i> , 2017, 3, 15.	3.6	164
4	Ventral Tegmental Area/Midbrain Functional Connectivity and Response to Antipsychotic Medication in Schizophrenia. <i>Neuropsychopharmacology</i> , 2014, 39, 1020-1030.	5.4	145
5	Neuroimaging Biomarkers in Schizophrenia. <i>American Journal of Psychiatry</i> , 2021, 178, 509-521.	7.2	117
6	Aberrant Hippocampal Connectivity in Unmedicated Patients With Schizophrenia and Effects of Antipsychotic Medication: A Longitudinal Resting State Functional MRI Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 1046-1055.	4.3	104
7	Change in brain network topology as a function of treatment response in schizophrenia: a longitudinal resting-state fMRI study using graph theory. <i>NPJ Schizophrenia</i> , 2016, 2, 16014.	3.6	100
8	Abnormalities in large scale functional networks in unmedicated patients with schizophrenia and effects of risperidone. <i>NeuroImage: Clinical</i> , 2016, 10, 146-158.	2.7	94
9	Ketamine modulates hippocampal neurochemistry and functional connectivity: a combined magnetic resonance spectroscopy and resting-state fMRI study in healthy volunteers. <i>Molecular Psychiatry</i> , 2017, 22, 562-569.	7.9	91
10	Regional Decoupling of N-acetyl-aspartate and Glutamate in Schizophrenia. <i>Neuropsychopharmacology</i> , 2012, 37, 2635-2642.	5.4	83
11	Multimodal analysis of the hippocampus in schizophrenia using proton magnetic resonance spectroscopy and functional magnetic resonance imaging. <i>Schizophrenia Research</i> , 2012, 140, 136-142.	2.0	67
12	Hippocampal – parietal dysconnectivity and glutamate abnormalities in unmedicated patients with schizophrenia. <i>Hippocampus</i> , 2014, 24, 1524-1532.	1.9	55
13	Memory Deficits in Schizophrenia: A Selective Review of Functional Magnetic Resonance Imaging (fMRI) Studies. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2013, 3, 330-347.	2.1	51
14	The role of glutamate and GABA in cognitive dysfunction in schizophrenia and mood disorders – A systematic review of magnetic resonance spectroscopy studies. <i>Schizophrenia Research</i> , 2022, 249, 74-84.	2.0	50
15	A combined diffusion tensor imaging and magnetic resonance spectroscopy study of patients with schizophrenia. <i>Schizophrenia Research</i> , 2016, 170, 341-350.	2.0	45
16	Risks and Benefits of Cannabis and Cannabinoids in Psychiatry. <i>American Journal of Psychiatry</i> , 2022, 179, 98-109.	7.2	42
17	Risperidone Effects on Brain Dynamic Connectivity – A Prospective Resting-State fMRI Study in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 14.	2.6	40
18	Hippocampal glutamate and hippocampus subfield volumes in antipsychotic-naïve first episode psychosis subjects and relationships to duration of untreated psychosis. <i>Translational Psychiatry</i> , 2020, 10, 137.	4.8	38

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19	A longitudinal neurite and free water imaging study in patients with a schizophrenia spectrum disorder. <i>Neuropsychopharmacology</i> , 2019, 44, 1932-1939.	5.4	37
20	A longitudinal magnetic resonance spectroscopy study investigating effects of risperidone in the anterior cingulate cortex and hippocampus in schizophrenia. <i>Schizophrenia Research</i> , 2019, 210, 239-244.	2.0	37
21	Contribution of substantia nigra glutamate to prediction error signals in schizophrenia: a combined magnetic resonance spectroscopy/functional imaging study. <i>NPJ Schizophrenia</i> , 2015, 1, 14001.	3.6	35
22	A Longitudinal Multimodal Neuroimaging Study to Examine Relationships Between Resting State Glutamate and Task Related BOLD Response in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018, 9, 632.	2.6	34
23	Examining resting-state functional connectivity in first-episode schizophrenia with 7T fMRI and MEG. <i>NeuroImage: Clinical</i> , 2019, 24, 101959.	2.7	34
24	Evaluation of fronto-striatal networks during cognitive control in unmedicated patients with schizophrenia and the effect of antipsychotic medication. <i>NPJ Schizophrenia</i> , 2018, 4, 8.	3.6	31
25	White matter integrity, duration of untreated psychosis, and antipsychotic treatment response in medication-naïve first-episode psychosis patients. <i>Molecular Psychiatry</i> , 2021, 26, 5347-5356.	7.9	29
26	Evaluating the Machine Learning Literature: A Primer and User's Guide for Psychiatrists. <i>American Journal of Psychiatry</i> , 2021, 178, 715-729.	7.2	29
27	Relationship Between Cortical Excitation and Inhibition and Task-Induced Activation and Deactivation: A Combined Magnetic Resonance Spectroscopy and Functional Magnetic Resonance Imaging Study at 7T in First-Episode Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 121-130.	1.5	27
28	Mnemonic Discrimination Deficits in First-Episode Psychosis and a Ketamine Model Suggests Dentate Gyrus Pathology Linked to N-Methyl-D-Aspartate Receptor Hypofunction. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 231-238.	1.5	25
29	Four-way multimodal fusion of 7T imaging data using an mCCA+jICA model in first-episode schizophrenia. <i>Human Brain Mapping</i> , 2018, 39, 1475-1488.	3.6	24
30	White matter and neurite morphology differ in psychogenic nonepileptic seizures. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1973-1984.	3.7	22
31	A Prospective Longitudinal Investigation of Cortical Thickness and Gyrification in Schizophrenia. <i>Canadian Journal of Psychiatry</i> , 2020, 65, 381-391.	1.9	22
32	Proton magnetic resonance spectroscopy of the substantia nigra in schizophrenia. <i>Schizophrenia Research</i> , 2013, 147, 348-354.	2.0	21
33	Cognitive control network dysconnectivity and response to antipsychotic treatment in schizophrenia. <i>Schizophrenia Research</i> , 2019, 204, 262-270.	2.0	21
34	Gyrification Connectomes in Unmedicated Patients With Schizophrenia and Following a Short Course of Antipsychotic Drug Treatment. <i>Frontiers in Psychiatry</i> , 2018, 9, 699.	2.6	19
35	Duration of Untreated Psychosis Correlates With Brain Connectivity and Morphology in Medication-Naïve Patients With First-Episode Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 231-238.	1.5	19
36	A multimodal magnetoencephalography fMRI and proton MR spectroscopy study in first episode psychosis. <i>NPJ Schizophrenia</i> , 2020, 6, 23.	3.6	18

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37	Ketamine induced changes in regional cerebral blood flow, interregional connectivity patterns, and glutamate metabolism. <i>Journal of Psychiatric Research</i> , 2019, 117, 108-115.	3.1	17
38	Neurite Orientation Dispersion and Density Imaging in Psychiatric Disorders: A Systematic Literature Review and a Technical Note. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 10-21.	2.2	17
39	Micro- and Macrostructural White Matter Integrity in Never-Treated and Currently Unmedicated Patients With Schizophrenia and Effects of Short-Term Antipsychotic Treatment. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 462-471.	1.5	15
40	Aberrant static and dynamic functional patterns of frontoparietal control network in antipsychotic-naïve first-episode psychosis subjects. <i>Human Brain Mapping</i> , 2020, 41, 2999-3008.	3.6	15
41	Saliency network glutamate and brain connectivity in medication-naïve first episode patients – A multimodal magnetic resonance spectroscopy and resting state functional connectivity MRI study. <i>NeuroImage: Clinical</i> , 2021, 32, 102845.	2.7	14
42	Neurometabolic correlates of 6 and 16 weeks of treatment with risperidone in medication-naive first-episode psychosis patients. <i>Translational Psychiatry</i> , 2020, 10, 15.	4.8	13
43	Neurometabolic abnormalities in the associative striatum in antipsychotic-naïve first episode psychosis patients. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 101-106.	1.8	12
44	Hippocampal Dysconnectivity and Altered Glutamatergic Modulation of the Default Mode Network: A Combined Resting-State Connectivity and Magnetic Resonance Spectroscopy Study in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 108-118.	1.5	10
45	Neuroimaging as a Window Into the Pathophysiological Mechanisms of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 613764.	2.6	10
46	A multimodal neuroimaging study investigating resting-state connectivity, glutamate and GABA at 7 T in first-episode psychosis. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E702-E710.	2.4	10
47	Structural and Functional Default Mode Network Connectivity and Antipsychotic Treatment Response in Medication-Naïve First Episode Psychosis Patients. <i>Schizophrenia Bulletin Open</i> , 2021, 2, sgab032.	1.7	7
48	Neurite Orientation Dispersion and Density Imaging (NODDI) and duration of untreated psychosis in antipsychotic medication-naïve first episode psychosis patients. <i>NeuroImage Reports</i> , 2021, 1, 100005.	1.0	7
49	Reinforcement learning abnormalities in the attenuated psychosis syndrome and first episode psychosis. <i>European Neuropsychopharmacology</i> , 2021, 47, 11-19.	0.7	7
50	Baseline Functional Connectivity Predicts Connectivity Changes Due to a Small Dose of Midazolam in Older Adults. <i>Anesthesia and Analgesia</i> , 2020, 130, 224-232.	2.2	5
51	Neural Signatures of Memory Encoding in Schizophrenia Are Modulated by Antipsychotic Treatment. <i>Neuropsychobiology</i> , 2021, 80, 12-24.	1.9	5
52	The neural substrates of neurological soft signs in schizophrenia: a systematic review. <i>NPJ Schizophrenia</i> , 2022, 8, .	3.6	4
53	White Matter Neurometabolic Signatures Support the Deficit and Nondeficit Distinction in Antipsychotic-Naïve First-Episode Psychosis Patients. <i>Schizophrenia Bulletin</i> , 2021, 47, 1068-1076.	4.3	3
54	The Problem of Spurious Correlations Between Pairs of Brain Metabolite Values Measured in the Same Voxel With Magnetic Resonance Spectroscopy – Reply. <i>JAMA Psychiatry</i> , 2014, 71, 339.	11.0	2

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55	Paving the Way for Targeted Drug Development in Schizophrenia. <i>JAMA Psychiatry</i> , 2018, 75, 19.	11.0	2
56	Rapid Clozapine Titration in an Acutely Agitated Patient With Schizoaffective Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 276-277.	1.4	1
57	Regional Decoupling of N-acetyl-aspartate and Glutamate in Schizophrenia. , 0, .		1
58	Mnemonic Discrimination Deficits in First-Episode Psychosis and a Ketamine Model Suggest Dentate Gyrus Pathology Linked to NMDA Receptor Hypofunction. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1185-1192.	1.5	1