

Katherine H Karlsgodt

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

4,502
citations

126907

33
h-index

114465

63
g-index

97
all docs

97
docs citations

97
times ranked

6691
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion Tensor Imaging of the Superior Longitudinal Fasciculus and Working Memory in Recent-Onset Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 512-518.	1.3	308
2	Antipsychotic Treatment and Functional Connectivity of the Striatum in First-Episode Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 5.	11.0	277
3	A phenome-wide examination of neural and cognitive function. <i>Scientific Data</i> , 2016, 3, 160110.	5.3	252
4	White Matter Integrity and Prediction of Social and Role Functioning in Subjects at Ultra-High Risk for Psychosis. <i>Biological Psychiatry</i> , 2009, 66, 562-569.	1.3	209
5	Dorsolateral Prefrontal Cortex Activity During Maintenance and Manipulation of Information in Working Memory in Patients With Schizophrenia. <i>Archives of General Psychiatry</i> , 2005, 62, 1071.	12.3	176
6	Baseline Striatal Functional Connectivity as a Predictor of Response to Antipsychotic Drug Treatment. <i>American Journal of Psychiatry</i> , 2016, 173, 69-77.	7.2	168
7	Neurofibromin regulates corticostriatal inhibitory networks during working memory performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13141-13146.	7.1	144
8	Predicting risky choices from brain activity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2470-2475.	7.1	137
9	GENDER DIFFERENCES IN COCAINE CRAVING AMONG NON-TREATMENT-SEEKING INDIVIDUALS WITH COCAINE DEPENDENCE. <i>American Journal of Drug and Alcohol Abuse</i> , 2001, 27, 193-202.	2.1	136
10	The role of myelination in measures of white matter integrity: Combination of diffusion tensor imaging and two-photon microscopy of CLARITY intact brains. <i>NeuroImage</i> , 2017, 147, 253-261.	4.2	133
11	Developmental disruptions in neural connectivity in the pathophysiology of schizophrenia. <i>Development and Psychopathology</i> , 2008, 20, 1297-1327.	2.3	125
12	Structural and Functional Brain Abnormalities in Schizophrenia. <i>Current Directions in Psychological Science</i> , 2010, 19, 226-231.	5.3	125
13	The relationship between performance and fMRI signal during working memory in patients with schizophrenia, unaffected co-twins, and control subjects. <i>Schizophrenia Research</i> , 2007, 89, 191-197.	2.0	118
14	Reduced Dysbindin Expression Mediates N-Methyl-D-Aspartate Receptor Hypofunction and Impaired Working Memory Performance. <i>Biological Psychiatry</i> , 2011, 69, 28-34.	1.3	106
15	Hippocampal activations during encoding and retrieval in a verbal working memory paradigm. <i>NeuroImage</i> , 2005, 25, 1224-1231.	4.2	92
16	Examining the Psychosis Continuum. <i>Current Behavioral Neuroscience Reports</i> , 2015, 2, 80-89.	1.3	92
17	Re-evaluating dorsolateral prefrontal cortex activation during working memory in schizophrenia. <i>Schizophrenia Research</i> , 2009, 108, 143-150.	2.0	89
18	Decomposing Decision Components in the Stop-signal Task: A Model-based Approach to Individual Differences in Inhibitory Control. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1601-1614.	2.3	77

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19	Greater extracellular free-water in first-episode psychosis predicts better neurocognitive functioning. <i>Molecular Psychiatry</i> , 2018, 23, 701-707.	7.9	73
20	A Multimodal Assessment of the Genetic Control over Working Memory. <i>Journal of Neuroscience</i> , 2010, 30, 8197-8202.	3.6	70
21	Altered age-related trajectories of amygdala-prefrontal circuitry in adolescents at clinical high risk for psychosis: A preliminary study. <i>Schizophrenia Research</i> , 2012, 134, 1-9.	2.0	70
22	Default mode network connectivity and reciprocal social behavior in 22q11.2 deletion syndrome. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1261-1267.	3.0	68
23	White matter development in the early stages of psychosis. <i>Schizophrenia Research</i> , 2015, 161, 61-69.	2.0	68
24	Alterations in White Matter Microstructure in Neurofibromatosis-1. <i>PLoS ONE</i> , 2012, 7, e47854.	2.5	61
25	Adolescent Neurodevelopment and Vulnerability to Psychosis. <i>Biological Psychiatry</i> , 2021, 89, 184-193.	1.3	58
26	Relationship between Duration of Untreated Psychosis and Intrinsic Corticostriatal Connectivity in Patients with Early Phase Schizophrenia. <i>Neuropsychopharmacology</i> , 2017, 42, 2214-2221.	5.4	55
27	Altered white matter microstructure is associated with social cognition and psychotic symptoms in 22q11.2 microdeletion syndrome. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 393.	2.0	52
28	Remember and know judgments during recognition in chronic schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 181-190.	2.0	49
29	Cocaine-primed craving and its relationship to depressive symptomatology in individuals with cocaine dependence. <i>Journal of Psychopharmacology</i> , 2002, 16, 163-167.	4.0	44
30	Psychosocial Stress and the Duration of Cocaine Use in Non-treatment Seeking Individuals with Cocaine Dependence. <i>American Journal of Drug and Alcohol Abuse</i> , 2003, 29, 539-551.	2.1	40
31	Neural activation during response inhibition in adult attention-deficit/hyperactivity disorder: Preliminary findings on the effects of medication and symptom severity. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 17-28.	1.8	39
32	Genetic influence on the working memory circuitry: Behavior, structure, function and extensions to illness. <i>Behavioural Brain Research</i> , 2011, 225, 610-622.	2.2	37
33	Blood Pressure and Cerebral White Matter Share Common Genetic Factors in Mexican Americans. <i>Hypertension</i> , 2011, 57, 330-335.	2.7	37
34	The accumbens tract: Diffusion tensor imaging characterization and developmental change from childhood to adulthood. <i>Human Brain Mapping</i> , 2015, 36, 4954-4963.	3.6	37
35	Diffusion Imaging of White Matter in Schizophrenia: Progress and Future Directions. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 209-217.	1.5	37
36	Dynamic Functional Connectivity States Reflecting Psychotic-like Experiences. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 443-453.	1.5	33

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37	The Relationship of Developmental Changes in White Matter to the Onset of Psychosis. <i>Current Pharmaceutical Design</i> , 2012, 18, 422-433.	1.9	30
38	Differences in neural activation as a function of risk-taking task parameters. <i>Frontiers in Neuroscience</i> , 2013, 7, 173.	2.8	30
39	The prediction-error hypothesis of schizophrenia: new data point to circuit-specific changes in dopamine activity. <i>Neuropsychopharmacology</i> , 2022, 47, 628-640.	5.4	29
40	Identification and Treatment of a Pineal Region Tumor in an Adolescent With Prodromal Psychotic Symptoms. <i>American Journal of Psychiatry</i> , 2010, 167, 1033-1037.	7.2	28
41	Brain White Matter Development Is Associated with a Human-Specific Haplotype Increasing the Synthesis of Long Chain Fatty Acids. <i>Journal of Neuroscience</i> , 2014, 34, 6367-6376.	3.6	27
42	Intracranial and subcortical volumes in adolescents with <scp>earlyâ€onset</scp> psychosis: A multisite <scp>megaâ€analysis</scp> from the <scp>ENIGMA</scp> consortium. <i>Human Brain Mapping</i> , 2022, 43, 373-384.	3.6	27
43	Acute cortisol administration triggers craving in individuals with cocaine dependence. <i>Psychopharmacology Bulletin</i> , 2003, 37, 84-9.	0.0	27
44	Age-Normative Pathways of Striatal Connectivityâ€Related to Clinical Symptoms in the General Population. <i>Biological Psychiatry</i> , 2019, 85, 966-976.	1.3	26
45	Structural Brain Alterations in Youth With Psychosis and Bipolar Spectrum Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1079-1091.	0.5	26
46	Disrupted working memory circuitry and psychotic symptoms in 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2014, 4, 392-402.	2.7	24
47	Adding insult to injury: Childhood and adolescent risk factors for psychosis predict lower fractional anisotropy in the superior longitudinal fasciculus in healthy adults. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 296-302.	1.8	23
48	A schizophrenia risk gene, ZNF804A, is associated with brain white matter microstructure. <i>Schizophrenia Research</i> , 2014, 155, 15-20.	2.0	22
49	Spatial working memory in neurofibromatosis 1: Altered neural activity and functional connectivity. <i>NeuroImage: Clinical</i> , 2017, 15, 801-811.	2.7	22
50	White Matter Microstructure across the Psychosis Spectrum. <i>Trends in Neurosciences</i> , 2020, 43, 406-416.	8.6	22
51	White matter microstructure in the executive network associated with aggression in healthy adolescents and young adults. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1251-1256.	3.0	21
52	White matter integrity in the fronto-striatal accumbocfrontal tract predicts impulsivity. <i>Brain Imaging and Behavior</i> , 2018, 12, 1524-1528.	2.1	21
53	Heritability of Functional Connectivity in Resting State: Assessment of the Dynamic Mean, Dynamic Variance, and Static Connectivity across Networks. <i>Cerebral Cortex</i> , 2021, 31, 2834-2844.	2.9	21
54	Effects of acute cortisol and cocaine administration on attention, recall and recognition task performance in individuals with cocaine dependence. <i>Human Psychopharmacology</i> , 2004, 19, 511-516.	1.5	20

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55	The Role of Executive Function in Adolescent Adaptive Risk-Taking on the Balloon Analogue Risk Task. <i>Developmental Neuropsychology</i> , 2018, 43, 566-580.	1.4	20
56	Structural and functional neuroimaging phenotypes in dysbindin mutant mice. <i>NeuroImage</i> , 2012, 62, 120-129.	4.2	19
57	White Matter Abnormalities Associated With Subsyndromal Psychotic-Like Symptoms Predict Later Social Competence in Children and Adolescents. <i>Schizophrenia Bulletin</i> , 2017, 43, 152-159.	4.3	19
58	Diffusion tensor imaging measures of white matter compared to myelin basic protein immunofluorescence in tissue cleared intact brains. <i>Data in Brief</i> , 2017, 10, 438-443.	1.0	19
59	Intrinsic Connectivity Network-Based Classification and Detection of Psychotic Symptoms in Youth With 22q11.2 Deletions. <i>Cerebral Cortex</i> , 2017, 27, 3294-3306.	2.9	18
60	Future Directions for Examination of Brain Networks in Neurodevelopmental Disorders. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2018, 47, 483-497.	3.4	18
61	Healthy Adolescent Performance With Standardized Scoring Tables for the MATRICS Consensus Cognitive Battery: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2019, 45, 773-783.	4.3	18
62	Altered relationships between age and functional brain activation in adolescents at clinical high risk for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 21-29.	1.8	17
63	Effects of perceived cocaine availability on subjective and objective responses to the drug. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2007, 2, 30.	2.2	16
64	Neural Substrates of Inhibitory Control Deficits in 22q11.2 Deletion Syndrome. <i>Cerebral Cortex</i> , 2015, 25, 1069-1079.	2.9	16
65	Recognition deficits in mice carrying mutations of genes encoding <i>BLOC1</i> subunits pallidin or dysbindin. <i>Genes, Brain and Behavior</i> , 2015, 14, 618-624.	2.2	15
66	Clinical outcomes following cocaine infusion in nontreatment-seeking individuals with cocaine dependence. <i>Biological Psychiatry</i> , 2001, 49, 553-555.	1.3	14
67	Symptomatic and functional correlates of regional brain physiology during working memory processing in patients with recent onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 177-182.	1.8	14
68	Relationship between executive function, attachment style, and psychotic like experiences in typically developing youth. <i>Schizophrenia Research</i> , 2018, 197, 428-433.	2.0	14
69	Genetic Architecture of Declarative Memory. <i>Neuroscientist</i> , 2012, 18, 516-532.	3.5	13
70	Relationships between intrinsic functional connectivity, cognitive control, and reading achievement across development. <i>NeuroImage</i> , 2020, 221, 117202.	4.2	13
71	Social cognition in 22q11.2 deletion syndrome and idiopathic developmental neuropsychiatric disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 15.	3.1	13
72	Age and Sex Effects on White Matter Tracts in Psychosis from Adolescence through Middle Adulthood. <i>Neuropsychopharmacology</i> , 2016, 41, 2473-2480.	5.4	11

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73	Corpus callosum shape and morphology in youth across the psychosis Spectrum. Schizophrenia Research, 2018, 199, 266-273.	2.0	11
74	History of childhood maltreatment is associated with reduced fractional anisotropy of the accumbens/ventral striatum tract in healthy adults. Brain Imaging and Behavior, 2020, 14, 353-361.	2.1	11
75	State-Dependent Functional Dysconnectivity in Youth With Psychosis Spectrum Symptoms. Schizophrenia Bulletin, 2020, 46, 408-421.	4.3	9
76	Subcortical modulation in auditory processing and auditory hallucinations. Behavioural Brain Research, 2015, 295, 78-81.	2.2	8
77	Memory systems in schizophrenia: Modularity is preserved but deficits are generalized. Schizophrenia Research, 2015, 168, 223-230.	2.0	7
78	The relationship between temperament and character and psychotic-like experiences in healthy children and adolescents. European Psychiatry, 2016, 31, 60-65.	0.2	7
79	Disruptions in White Matter Maturation and Mediation of Cognitive Development in Youths on the Psychosis Spectrum. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 423-433.	1.5	6
80	Socioemotional mechanisms of loneliness in subclinical psychosis. Schizophrenia Research, 2021, 238, 145-151.	2.0	5
81	Disrupted Working Memory Circuitry in Adolescent Psychosis. Frontiers in Human Neuroscience, 2017, 11, 394.	2.0	4
82	Functional Activation During a Cognitive Control Task in Healthy Youth Specific to Externalizing or Internalizing Behaviors. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 133-140.	1.5	4
83	Using Advanced Diffusion Metrics to Probe White Matter Microstructure in Individuals at Clinical High Risk for Psychosis. American Journal of Psychiatry, 2019, 176, 777-779.	7.2	3
84	Risk and Resilience in Extraordinary Times. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 136-138.	1.5	1
85	DIFFUSION TENSOR IMAGING INVESTIGATIONS OF WHITE MATTER DEVELOPMENT IN SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 111.	2.0	0
86	REDUCED ABILITY TO ENGAGE DEFAULT-MODE BRAIN REGIONS DURING THE RESTING-STATE PERIODS OF A WORKING MEMORY TASK IN RECENT-ONSET SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 347.	2.0	0
87	Cognitive Phenotypes and Endophenotypes: Concepts and Criteria. Innovations in Cognitive Neuroscience, 2016, , 61-80.	0.3	0
88	O31. Age-Normative Pathways of Striatal Connectivity Relate to ADHD Symptoms in the General Population. Biological Psychiatry, 2018, 83, S121.	1.3	0
89	195. Fatty Acid Bioavailability and Membrane Dynamics are Associated With White Matter Integrity and Neurocognitive Performance During Development. Biological Psychiatry, 2018, 83, S78-S79.	1.3	0
90	T191. Load-Dependent Working Memory Circuitry in Early-Onset Psychosis. Biological Psychiatry, 2019, 85, S203-S204.	1.3	0

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91	S157. Neural and Clinical Correlates of Optimal Risk-Taking in Early Psychosis. <i>Biological Psychiatry</i> , 2019, 85, S357-S358.	1.3	0
92	The Role of Anhedonia in Predicting Risk-Taking Behavior in University Students. <i>Biological Psychiatry</i> , 2021, 89, S220-S221.	1.3	0