

Katherine H Karlsgodt

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

3,434
citations

31
h-index

57
g-index

97
ext. papers

4,078
ext. citations

4.7
avg, IF

5.34
L-index

#	Paper	IF	Citations
84	Diffusion tensor imaging of the superior longitudinal fasciculus and working memory in recent-onset schizophrenia. <i>Biological Psychiatry</i> , 2008 , 63, 512-8	7.9	273
83	Antipsychotic treatment and functional connectivity of the striatum in first-episode schizophrenia. <i>JAMA Psychiatry</i> , 2015 , 72, 5-13	14.5	208
82	White matter integrity and prediction of social and role functioning in subjects at ultra-high risk for psychosis. <i>Biological Psychiatry</i> , 2009 , 66, 562-9	7.9	184
81	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, 1071-80		158
80	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, 13141-6	11.5	117
79	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	3.7	117
78	A phenome-wide examination of neural and cognitive function. <i>Scientific Data</i> , 2016 , 3, 160110	8.2	117
77	Baseline Striatal Functional Connectivity as a Predictor of Response to Antipsychotic Drug Treatment. <i>American Journal of Psychiatry</i> , 2016 , 173, 69-77	11.9	115
76	Developmental disruptions in neural connectivity in the pathophysiology of schizophrenia. <i>Development and Psychopathology</i> , 2008 , 20, 1297-327	4.3	114
75	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, 191-7	3.6	110
74	Predicting risky choices from brain activity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2470-5	11.5	108
73	Reduced dysbindin expression mediates N-methyl-D-aspartate receptor hypofunction and impaired working memory performance. <i>Biological Psychiatry</i> , 2011 , 69, 28-34	7.9	101
72	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	7.9	94
71	Re-evaluating dorsolateral prefrontal cortex activation during working memory in schizophrenia. <i>Schizophrenia Research</i> , 2009 , 108, 143-50	3.6	82
70	Hippocampal activations during encoding and retrieval in a verbal working memory paradigm. <i>NeuroImage</i> , 2005 , 25, 1224-31	7.9	79
69	Structural and Functional Brain Abnormalities in Schizophrenia. <i>Current Directions in Psychological Science</i> , 2010 , 19, 226-231	6.5	77
68	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, 1601-14	3.1	65

67	A multimodal assessment of the genetic control over working memory. <i>Journal of Neuroscience</i> , 2010 , 30, 8197-202	6.6	61
66	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	3.6	59
65	White matter development in the early stages of psychosis. <i>Schizophrenia Research</i> , 2015 , 161, 61-9	3.6	57
64	Default mode network connectivity and reciprocal social behavior in 22q11.2 deletion syndrome. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 1261-7	4	55
63	Examining the Psychosis Continuum. <i>Current Behavioral Neuroscience Reports</i> , 2015 , 2, 80-89	1.7	52
62	Greater extracellular free-water in first-episode psychosis predicts better neurocognitive functioning. <i>Molecular Psychiatry</i> , 2018 , 23, 701-707	15.1	49
61	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	3.5	48
60	Alterations in white matter microstructure in neurofibromatosis-1. <i>PLoS ONE</i> , 2012 , 7, e47854	3.7	48
59	Remember and know judgments during recognition in chronic schizophrenia. <i>Schizophrenia Research</i> , 2008 , 100, 181-90	3.6	47
58	Relationship between Duration of Untreated Psychosis and Intrinsic Corticostriatal Connectivity in Patients with Early Phase Schizophrenia. <i>Neuropsychopharmacology</i> , 2017 , 42, 2214-2221	8.7	39
57	Cocaine-primed craving and its relationship to depressive symptomatology in individuals with cocaine dependence. <i>Journal of Psychopharmacology</i> , 2002 , 16, 163-7	4.6	39
56	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, 539-51	3.7	37
55	Genetic influence on the working memory circuitry: behavior, structure, function and extensions to illness. <i>Behavioural Brain Research</i> , 2011 , 225, 610-22	3.4	33
54	Blood pressure and cerebral white matter share common genetic factors in Mexican Americans. <i>Hypertension</i> , 2011 , 57, 330-5	8.5	32
53	Diffusion Imaging of White Matter In Schizophrenia: Progress and Future Directions. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 209-217	3.4	31
52	Dynamic Functional Connectivity States Reflecting Psychotic-like Experiences. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 443-453	3.4	27
51	Acute cortisol administration triggers craving in individuals with cocaine dependence. <i>Psychopharmacology Bulletin</i> , 2003 , 37, 84-9	0.9	27
50	The relationship of developmental changes in white matter to the onset of psychosis. <i>Current Pharmaceutical Design</i> , 2012 , 18, 422-33	3.3	26

49	Identification and treatment of a pineal region tumor in an adolescent with prodromal psychotic symptoms. <i>American Journal of Psychiatry</i> , 2010 , 167, 1033-7	11.9	25
48	The accumbens/ventral striatum tract: Diffusion tensor imaging characterization and developmental change from childhood to adulthood. <i>Human Brain Mapping</i> , 2015 , 36, 4954-63	5.9	24
47	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	2.9	23
46	Disrupted working memory circuitry and psychotic symptoms in 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2014 , 4, 392-402	5.3	22
45	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, 6367-76	6.6	21
44	Differences in neural activation as a function of risk-taking task parameters. <i>Frontiers in Neuroscience</i> , 2013 , 7, 173	5.1	18
43	Adolescent Neurodevelopment and Vulnerability to Psychosis. <i>Biological Psychiatry</i> , 2021 , 89, 184-193	7.9	18
42	A schizophrenia risk gene, ZNF804A, is associated with brain white matter microstructure. <i>Schizophrenia Research</i> , 2014 , 155, 15-20	3.6	17
41	Intrinsic Connectivity Network-Based Classification and Detection of Psychotic Symptoms in Youth With 22q11.2 Deletions. <i>Cerebral Cortex</i> , 2017 , 27, 3294-3306	5.1	16
40	Altered relationships between age and functional brain activation in adolescents at clinical high risk for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 221, 21-9	2.9	16
39	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	2.9	16
38	Structural and functional neuroimaging phenotypes in dysbindin mutant mice. <i>NeuroImage</i> , 2012 , 62, 120-9	7.9	16
37	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, 511-6	2.3	16
36	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	7.2	16
35	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	1.2	15
34	Age-Normative Pathways of Striatal Connectivity Related to Clinical Symptoms in the General Population. <i>Biological Psychiatry</i> , 2019 , 85, 966-976	7.9	15
33	Future Directions for Examination of Brain Networks in Neurodevelopmental Disorders. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2018 , 47, 483-497	5.4	15
32	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	1.3	14

31	Recognition deficits in mice carrying mutations of genes encoding BLOC-1 subunits pallidin or dysbindin. <i>Genes, Brain and Behavior</i> , 2015 , 14, 618-24	3.6	14
30	Effects of perceived cocaine availability on subjective and objective responses to the drug. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2007 , 2, 30	3.4	14
29	The Role of Executive Function in Adolescent Adaptive Risk-Taking on the Balloon Analogue Risk Task. <i>Developmental Neuropsychology</i> , 2018 , 43, 566-580	1.8	14
28	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, 1251-6	4	13
27	Healthy Adolescent Performance With Standardized Scoring Tables for the MATRICS Consensus Cognitive Battery: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2019 , 45, 773-783	1.3	13
26	Neural substrates of inhibitory control deficits in 22q11.2 deletion syndrome. <i>Cerebral Cortex</i> , 2015 , 25, 1069-79	5.1	12
25	Spatial working memory in neurofibromatosis 1: Altered neural activity and functional connectivity. <i>NeuroImage: Clinical</i> , 2017 , 15, 801-811	5.3	12
24	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, 177-82	2.9	12
23	Genetic architecture of declarative memory: implications for complex illnesses. <i>Neuroscientist</i> , 2012 , 18, 516-32	7.6	12
22	Clinical outcomes following cocaine infusion in nontreatment-seeking individuals with cocaine dependence. <i>Biological Psychiatry</i> , 2001 , 49, 553-5	7.9	12
21	White matter integrity in the fronto-striatal accumbofrontal tract predicts impulsivity. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1524-1528	4.1	11
20	Intracranial and subcortical volumes in adolescents with early-onset psychosis: A multisite mega-analysis from the ENIGMA consortium. <i>Human Brain Mapping</i> , 2020 ,	5.9	11
19	White Matter Microstructure across the Psychosis Spectrum. <i>Trends in Neurosciences</i> , 2020 , 43, 406-416	13.3	8
18	Relationship between executive function, attachment style, and psychotic like experiences in typically developing youth. <i>Schizophrenia Research</i> , 2018 , 197, 428-433	3.6	8
17	Age and Sex Effects on White Matter Tracts in Psychosis from Adolescence through Middle Adulthood. <i>Neuropsychopharmacology</i> , 2016 , 41, 2473-80	8.7	8
16	Subcortical modulation in auditory processing and auditory hallucinations. <i>Behavioural Brain Research</i> , 2015 , 295, 78-81	3.4	6
15	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	5.1	6
14	State-Dependent Functional Dysconnectivity in Youth With Psychosis Spectrum Symptoms. <i>Schizophrenia Bulletin</i> , 2020 , 46, 408-421	1.3	5

13	The relationship between temperament and character and psychotic-like experiences in healthy children and adolescents. <i>European Psychiatry</i> , 2016 , 31, 60-5	6	5
12	Memory systems in schizophrenia: Modularity is preserved but deficits are generalized. <i>Schizophrenia Research</i> , 2015 , 168, 223-30	3.6	4
11	History of childhood maltreatment is associated with reduced fractional anisotropy of the accumbens and cingulate in healthy adults. <i>Brain Imaging and Behavior</i> , 2020 , 14, 353-361	4.1	4
10	Relationships between intrinsic functional connectivity, cognitive control, and reading achievement across development. <i>NeuroImage</i> , 2020 , 221, 117202	7.9	4
9	Corpus callosum shape and morphology in youth across the psychosis Spectrum. <i>Schizophrenia Research</i> , 2018 , 199, 266-273	3.6	3
8	Socioemotional mechanisms of loneliness in subclinical psychosis. <i>Schizophrenia Research</i> , 2021 , 238, 145-151	3.6	3
7	Disruptions in White Matter Maturation and Mediation of Cognitive Development in Youths on the Psychosis Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 423-433	3.4	3
6	The prediction-error hypothesis of schizophrenia: new data point to circuit-specific changes in dopamine activity. <i>Neuropsychopharmacology</i> , 2021 ,	8.7	3
5	Functional Activation During a Cognitive Control Task in Healthy Youth Specific to Externalizing or Internalizing Behaviors. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 133-140 ^{3,4}		2
4	Disrupted Working Memory Circuitry in Adolescent Psychosis. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 394	3.3	1
3	Social cognition in 22q11.2 deletion syndrome and idiopathic developmental neuropsychiatric disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2021 , 13, 15	4.6	1
2	Risk and Resilience in Extraordinary Times. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 136-138	3.4	1
1	Cognitive Phenotypes and Endophenotypes: Concepts and Criteria. <i>Innovations in Cognitive Neuroscience</i> , 2016 , 61-80		