

Kathryn R Cullen

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,344
citations

172457

29
h-index

175258

52
g-index

120
all docs

120
docs citations

120
times ranked

5280
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal Amygdala Resting-State Functional Connectivity in Adolescent Depression. <i>JAMA Psychiatry</i> , 2014, 71, 1138.	11.0	262
2	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	7.9	218
3	A preliminary study of functional connectivity in comorbid adolescent depression. <i>Neuroscience Letters</i> , 2009, 460, 227-231.	2.1	209
4	Altered White Matter Microstructure in Adolescents With Major Depression: A Preliminary Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 173-183e1.	0.5	191
5	Toward dysfunctional connectivity: a review of neuroimaging findings in pediatric major depressive disorder. <i>Brain Imaging and Behavior</i> , 2011, 5, 307-328.	2.1	151
6	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
7	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
8	Selective neurocognitive impairments in adolescents with major depressive disorder. <i>Journal of Adolescence</i> , 2012, 35, 11-20.	2.4	100
9	White Matter Abnormalities and Cognitive Impairment in Early-Onset Schizophrenia-Spectrum Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 362-372.e2.	0.5	81
10	Network analysis of functional brain connectivity in borderline personality disorder using resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016, 11, 302-315.	2.7	79
11	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
12	Amygdala Functional Connectivity in Young Women with Borderline Personality Disorder. <i>Brain Connectivity</i> , 2011, 1, 61-71.	1.7	75
13	An fMRI study of emotional face processing in adolescent major depression. <i>Journal of Affective Disorders</i> , 2014, 168, 44-50.	4.1	70
14	Limbic Structures and Networks in Children and Adolescents With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2007, 34, 18-29.	4.3	69
15	Multi-modal neuroimaging of adolescents with non-suicidal self-injury: Amygdala functional connectivity. <i>Journal of Affective Disorders</i> , 2017, 221, 47-55.	4.1	64
16	Neural Correlates of Antidepressant Treatment Response in Adolescents with Major Depressive Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 705-712.	1.3	63
17	Intravenous Ketamine for Adolescents with Treatment-Resistant Depression: An Open-Label Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 437-444.	1.3	59
18	Executive Attention Impairment in Adolescents With Major Depressive Disorder. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2016, 45, 69-83.	3.4	52

#	ARTICLE	IF	CITATIONS
19	Conceptualizing the neurobiology of non-suicidal self-injury from the perspective of the Research Domain Criteria Project. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 381-391.	6.1	50
20	Advancing a temporal framework for understanding the biology of nonsuicidal self-injury: An expert review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 228-239.	6.1	50
21	Neural Correlates of Suicidality in Adolescents with Major Depression: Resting-state Functional Connectivity of the Precuneus and Posterior Cingulate Cortex. <i>Suicide and Life-Threatening Behavior</i> , 2019, 49, 899-913.	1.9	46
22	Hypothalamic-pituitary-adrenal axis dysregulation in depressed adolescents with non-suicidal self-injury. <i>Psychoneuroendocrinology</i> , 2019, 102, 216-224.	2.7	46
23	Resting state functional connectivity of networks associated with reward and habit in anorexia nervosa. <i>Human Brain Mapping</i> , 2019, 40, 652-662.	3.6	41
24	Lipid peroxidation biomarkers in adolescents with or at high-risk for bipolar disorder. <i>Journal of Affective Disorders</i> , 2016, 192, 176-183.	4.1	39
25	Impaired Bottom-Up Effective Connectivity Between Amygdala and Subgenual Anterior Cingulate Cortex in Unmedicated Adolescents with Major Depression: Results from a Dynamic Causal Modeling Analysis. <i>Brain Connectivity</i> , 2015, 5, 608-619.	1.7	36
26	Abnormal striatal resting-state functional connectivity in adolescents with obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 49-56.	1.8	36
27	Multilevel assessment of the neurobiological threat system in depressed adolescents: Interplay between the limbic system and hypothalamic-pituitary-adrenal axis. <i>Development and Psychopathology</i> , 2014, 26, 1321-1335.	2.3	35
28	Neural and neuroendocrine predictors of pharmacological treatment response in adolescents with depression: A preliminary study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 194-202.	4.8	34
29	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	2.4	33
30	The genetics of early-onset bipolar disorder: A systematic review. <i>Journal of Affective Disorders</i> , 2015, 184, 1-12.	4.1	31
31	The Antidepressant Effect of Repeat Dose Intravenous Ketamine Is Delayed by Concurrent Benzodiazepine Use. <i>Journal of Clinical Psychiatry</i> , 2017, 78, e308-e309.	2.2	30
32	Cigarette smoking and white matter microstructure in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 152-158.	1.8	27
33	Seizure Induced by Deep Transcranial Magnetic Stimulation in an Adolescent with Depression. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 637-641.	1.3	27
34	Critical Decision Points for Augmenting Interpersonal Psychotherapy for Depressed Adolescents: A Pilot Sequential Multiple Assignment Randomized Trial. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 80-91.	0.5	27
35	Increases in orbitofrontal cortex thickness following antidepressant treatment are associated with changes in resting state autonomic function in adolescents with major depression – Preliminary findings from a pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 35-42.	1.8	26
36	N-Acetylcysteine for Nonsuicidal Self-Injurious Behavior in Adolescents: An Open-Label Pilot Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 136-144.	1.3	25

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37	Remission From Behavioral Dysregulation in a Child With PTSD After Receiving Procedural Ketamine. <i>Pediatrics</i> , 2015, 136, e694-e696.	2.1	24
38	Brain activation in response to overt and covert fear and happy faces in women with borderline personality disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 319-331.	2.1	24
39	Classification of obsessive-compulsive disorder from resting-state fMRI. , 2016, 2016, 3606-3609.		22
40	Editorsâ€™ Note and Special Communication: Research Priorities in Child and Adolescent Mental Health Emerging From the COVID-19 Pandemic. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 544-554.e8.	0.5	21
41	A multi-sensor visual tracking system for behavior monitoring of at-risk children. , 2012, , .		20
42	Classification of Adolescent Major Depressive Disorder Via Static and Dynamic Connectivity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2604-2614.	6.3	20
43	Trajectories of Social Withdrawal and Cognitive Decline in the Schizophrenia Prodrome. <i>Clinical Schizophrenia and Related Psychoses</i> , 2011, 4, 229-238.	1.4	20
44	Altered White Matter Microstructure in Adolescents With Major Depression: A Preliminary Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 173-183.e1.	0.5	19
45	Alexithymia is associated with neural reactivity to masked emotional faces in adolescents who self-harm. <i>Journal of Affective Disorders</i> , 2019, 249, 253-261.	4.1	19
46	Sertraline Effects on Striatal Resting-State Functional Connectivity in Youth With Obsessive-Compulsive Disorder: A Pilot Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 486-495.	0.5	19
47	White Matter Microstructure in Adolescents and Young Adults With Non-Suicidal Self-Injury. <i>Frontiers in Psychiatry</i> , 2019, 10, 1019.	2.6	18
48	Classification of Major Depressive Disorder from Resting-State fMRI. , 2019, 2019, 3511-3514.		16
49	A pilot study of depressed adolescentsâ€™ cortisol patterns during parentâ€™adolescent conflict and response to interpersonal psychotherapy (IPT-A). <i>Journal of Affective Disorders</i> , 2013, 150, 1125-1128.	4.1	15
50	Brain structural thickness and resting state autonomic function in adolescents with major depression. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 741-753.	3.0	15
51	Sub-graph entropy based network approaches for classifying adolescent obsessive-compulsive disorder from resting-state functional MRI. <i>NeuroImage: Clinical</i> , 2020, 26, 102208.	2.7	15
52	Brain entropy and neurotrophic molecular markers accompanying clinical improvement after ketamine: Preliminary evidence in adolescents with treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2021, 35, 168-177.	4.0	15
53	Developmental Resting State Functional Connectivity for Clinicians. <i>Current Behavioral Neuroscience Reports</i> , 2014, 1, 161-169.	1.3	14
54	Neural correlates of clinical improvement in response to N-acetylcysteine in adolescents with non-suicidal self-injury. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109778.	4.8	13

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55	Transcendental meditation and hypothalamic-pituitary-adrenal axis functioning: a pilot, randomized controlled trial with young adults. <i>Stress</i> , 2020, 23, 105-115.	1.8	12
56	Disturbances in reality testing as markers of risk in offspring of parents with bipolar disorder: a systematic review from a developmental psychopathology perspective. <i>Bipolar Disorders</i> , 2013, 15, 723-740.	1.9	11
57	An exploratory study of the relationship of symptom domains and diagnostic severity to PET scan imaging in borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 161-168.	1.8	11
58	Classification of borderline personality disorder based on spectral power of resting-state fMRI. , 2014, 2014, 5036-9.		11
59	A Framework for Identifying Neurobiologically Based Intervention Targets for NSSI. <i>Current Behavioral Neuroscience Reports</i> , 2019, 6, 177-187.	1.3	11
60	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
61	An Adolescent With Nonsuicidal Self-Injury: A Case and Discussion of Neurobiological Research on Emotion Regulation. <i>American Journal of Psychiatry</i> , 2013, 170, 828-831.	7.2	10
62	Anatomical Biomarkers for Adolescent Major Depressive Disorder from Diffusion Weighted Imaging using SVM Classifier. , 2018, 2018, 2740-2743.		10
63	Coordination between frontolimbic resting state connectivity and hypothalamic-pituitary-adrenal axis functioning in adolescents with and without depression. <i>Psychoneuroendocrinology</i> , 2021, 125, 105123.	2.7	10
64	Adolescent stress experience-expression-physiology correspondence: Links to depression, self-injurious thoughts and behaviors, and frontolimbic neural circuitry. <i>Journal of Affective Disorders</i> , 2022, 300, 269-279.	4.1	10
65	White matter microstructure relates to lassitude but not diagnosis in adolescents with depression. <i>Brain Imaging and Behavior</i> , 2020, 14, 1507-1520.	2.1	9
66	Neural and Behavioral Correlates of Clinical Improvement to Ketamine in Adolescents With Treatment Resistant Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 820.	2.6	9
67	Maternal Emotion Socialization of Adolescent Girls Engaging in Non-Suicidal Self-Injury. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 683-695.	2.3	9
68	Multimodal assessment of sustained threat in adolescents with nonsuicidal self-injury. <i>Development and Psychopathology</i> , 2021, 33, 1774-1792.	2.3	9
69	Cortisol Awakening Response, Internalizing Symptoms, and Life Satisfaction in Emerging Adults. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2501.	4.1	8
70	Characterizing the NLRP3 Inflammasome in Mood Disorders: Overview, Technical Development, and Measures of Peripheral Activation in Adolescent Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12513.	4.1	8
71	Paediatric major depressive disorder: neurobiology and implications for early intervention. <i>Microbial Biotechnology</i> , 2009, 3, 178-188.	1.7	7
72	The development of thought problems: A longitudinal family risk study of offspring of bipolar, unipolar, and well parents. <i>Development and Psychopathology</i> , 2013, 25, 1079-1091.	2.3	7

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73	Toward Understanding the Functional Relevance of White Matter Deficits in Bipolar Disorder. JAMA Psychiatry, 2014, 71, 362.	11.0	7
74	Neurocircuitry associated with symptom dimensions at baseline and with change in borderline personality disorder. Psychiatry Research - Neuroimaging, 2019, 290, 58-65.	1.8	7
75	Depression, Non-Suicidal Self-Injury, and Suicidality in Adolescents: Common and Distinct Precursors, Correlates, and Outcomes. Journal of Psychiatry and Brain Science, 2021, 6, .	0.5	7
76	Biomarkers for Adolescent MDD from Anatomical Connectivity and Network Topology Using Diffusion MRI. , 2018, 2018, 1152-1155.		6
77	Effect of SSRIs on Resting-State Functional Brain Networks in Adolescents with Major Depressive Disorder. Journal of Clinical Medicine, 2021, 10, 4322.	2.4	6
78	Multi-level Analysis of the Functioning of the Neurobiological Threat System in Adolescents: Implications for Suicide and Nonsuicidal Self-Injury. Current Behavioral Neuroscience Reports, 2017, 4, 79-86.	1.3	5
79	Use of Computer Vision Tools to Identify Behavioral Markers of Pediatric Obsessive-Compulsive Disorder: A Pilot Study. Journal of Child and Adolescent Psychopharmacology, 2017, 27, 140-147.	1.3	5
80	Brain signatures in children who contemplate suicide: learning from the large-scale ABCD study. Psychological Medicine, 2023, 53, 2164-2173.	4.5	5
81	A nonintrusive system for behavioral analysis of children using multiple RGB+depth sensors. , 2012, , .		4
82	Personality disorders in offspring of mothers with mood disorders: Results from a longitudinal family study. Psychiatry Research, 2014, 218, 303-310.	3.3	4
83	Automated coding of activity videos from an OCD study. , 2016, , .		4
84	New Somatic Treatments for Child and Adolescent Depression. Current Treatment Options in Psychiatry, 2019, 6, 380-400.	1.9	4
85	Imaging Adolescent Depression Treatment. American Journal of Psychiatry, 2012, 169, 348-350.	7.2	3
86	Detecting risk-markers in children in a preschool classroom. , 2012, , .		3
87	Impact of Problem Solving Therapy on Brain Networks Associated with Depressive Symptoms in Poststroke Older Adults. Biosystems and Biorobotics, 2014, , 405-409.	0.3	3
88	Usefulness of a Normal Coronary Angiogram in Patients Aged ≥65 Years to Foretell Survival. American Journal of Cardiology, 2015, 116, 1487-1494.	1.6	3
89	Classifying Treated vs. Untreated MDD Adolescents from Anatomical Connectivity using Nonlinear SVM. , 2018, 2018, 1-4.		3
90	T144. Elevations in Cortisol Awakening Response in Depressed Adolescents With a History of Non-Suicidal Self Injury. Biological Psychiatry, 2018, 83, S184.	1.3	3

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91	Persistent Impairment: Life After Losing a Parent. <i>American Journal of Psychiatry</i> , 2018, 175, 820-821.	7.2	3
92	Functional Magnetic Resonance Imaging as Experienced by Stroke Survivors. <i>Research in Gerontological Nursing</i> , 2014, 7, 200-205.	0.6	3
93	Structural and Functional Neural Correlates of Treatment Response for Interpersonal Psychotherapy for Depressed Adolescents. <i>Journal of Clinical Medicine</i> , 2022, 11, 1878.	2.4	3
94	Exploring video descriptions for handwashing activities as part of an obsessive-compulsive disorder study. , 2016, , .		2
95	T121. Increased Resting State fMRI Entropy Associated With Clinical Response to Ketamine for Treatment Resistant Depression in Adolescents. <i>Biological Psychiatry</i> , 2018, 83, S175.	1.3	2
96	Brain metabolism changes in women with BPD undergoing olanzapine treatment. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 19-21.	1.8	2
97	F74. Frequency of Nonsuicidal Self-Injury Associated With Amygdala Functional Connectivity. <i>Biological Psychiatry</i> , 2018, 83, S266.	1.3	1
98	Altered Structural Connection Between Hippocampus and Insula in Adolescent Major Depressive Disorder using DTI. , 2018, , .		1
99	Spontaneous Thoughts and Brain Connectivity: Possible Links Between Early Maltreatment and Later Depression. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 634-636.	0.5	1
100	A Pilot Study of Stress System Activation in Children Enrolled in a Targeted Prevention Program: Implications for Personalization. <i>International Journal of Molecular Sciences</i> , 2018, 19, 361.	4.1	1
101	Identifying Biological Signatures of N-Acetylcysteine for Non-Suicidal Self-Injury in Adolescents and Young Adults. <i>Journal of Psychiatry and Brain Science</i> , 2021, 6, .	0.5	1
102	Characterization of Comorbid Posttraumatic Stress Disorder and Major Depressive Disorder Using Ketamine as an Experimental Medicine Probe. <i>Journal of Psychiatry and Brain Science</i> , 2021, 6, .	0.5	1
103	Neurobiological and Psychological Maintenance Mechanisms Associated with Anticipatory Reward in Bulimia Nervosa. <i>Journal of Psychiatry and Brain Science</i> , 2021, 6, .	0.5	1
104	Editorial: Can At-Risk Mental State (ARMS) Diagnosis in Children and Adolescents Predict Transition to a Psychotic Disorder? We Are Not There Yet. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, , .	0.5	1
105	Executive Functioning as a Predictor of Response to Interpersonal Psychotherapy in Adolescents with Depression: A Pilot Study. <i>Journal of Affective Disorders Reports</i> , 2022, , 100376.	1.7	1
106	984. HPA Axis Functioning in Depressed Adolescents with and without Non-Suicidal Self-Injury. <i>Biological Psychiatry</i> , 2017, 81, S398.	1.3	0
107	Toward identifying behavioral risk markers for mental health disorders: an assistive system for monitoring children's movements in a preschool classroom. <i>Machine Vision and Applications</i> , 2018, 29, 703-717.	2.7	0
108	F89. Reduced Fronto-Limbic Connectivity in Adolescents With Mood Disorders: Associations With Worse Depressive Symptomology and Cognitive Impairment. <i>Biological Psychiatry</i> , 2018, 83, S272.	1.3	0

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109	Classifying Adolescent Major Depressive Disorder using Linear SVM with Anatomical Features from Diffusion Weighted Imaging. , 2018, , .		0
110	The Neural Basis of Social Evaluation in Adolescents with Non-Suicidal Self-Injury. EClinicalMedicine, 2019, 13, 6-7.	7.1	0
111	Editorial: The Ups and Downs of Mind-Wandering in Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 340-342.	0.5	0
112	Editorial: Subclinical Psychopathology and the Developing Brain. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1183-1184.	0.5	0
113	Pediatric depression: issues and treatment recommendations. Minnesota Medicine, 2009, 92, 45-8.	0.1	0