

# Clare Kelly

## List of Publications by Citations

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100  
papers

20,427  
citations

60  
h-index

107  
g-index

107  
ext. papers

23,948  
ext. citations

5.8  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
100	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4734-9	11.5	2183
99	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , <b>2013</b> , 76, 183-201	7.9	1016
98	Competition between functional brain networks mediates behavioral variability. <i>NeuroImage</i> , <b>2008</b> , 39, 527-37	7.9	935
97	The oscillating brain: complex and reliable. <i>NeuroImage</i> , <b>2010</b> , 49, 1432-45	7.9	911
96	Functional connectivity of human striatum: a resting state FMRI study. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 2735-47	7.1	807
95	Functional connectivity of default mode network components: correlation, anticorrelation, and causality. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 625-37	5.9	771
94	Precuneus shares intrinsic functional architecture in humans and monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 20069-74	11.5	714
93	The resting brain: unconstrained yet reliable. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 2209-29	5.1	706
92	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 332-7	7.9	671
91	Toward systems neuroscience of ADHD: a meta-analysis of 55 fMRI studies. <i>American Journal of Psychiatry</i> , <b>2012</b> , 169, 1038-55	11.9	594
90	Reliable intrinsic connectivity networks: test-retest evaluation using ICA and dual regression approach. <i>NeuroImage</i> , <b>2010</b> , 49, 2163-77	7.9	593
89	Mapping the functional connectivity of anterior cingulate cortex. <i>NeuroImage</i> , <b>2007</b> , 37, 579-88	7.9	581
88	Human functional neuroimaging of brain changes associated with practice. <i>Cerebral Cortex</i> , <b>2005</b> , 15, 1089-102	5.1	544
87	Growing together and growing apart: regional and sex differences in the lifespan developmental trajectories of functional homotopy. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 15034-43	6.6	464
86	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 152	5.1	437
85	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , <b>2017</b> , 4, 310-319	23.3	354
84	Aberrant striatal functional connectivity in children with autism. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 847-56	7.9	328

83	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. <i>Frontiers in Systems Neuroscience</i> , <b>2012</b> , 6, 80	3.5	325
82	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , <b>2008</b> , 169, 249-54	3	322
81	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , <b>2013</b> , 10, 524-39	21.6	294
80	A convergent functional architecture of the insula emerges across imaging modalities. <i>NeuroImage</i> , <b>2012</b> , 61, 1129-42	7.9	282
79	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , <b>2010</b> , 50, 1690-701	7.9	281
78	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , <b>2014</b> , 1, 140049	8.2	247
77	L-dopa modulates functional connectivity in striatal cognitive and motor networks: a double-blind placebo-controlled study. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 7364-78	6.6	238
76	Unraveling the miswired connectome: a developmental perspective. <i>Neuron</i> , <b>2014</b> , 83, 1335-53	13.9	232
75	Personality is reflected in the brain's intrinsic functional architecture. <i>PLoS ONE</i> , <b>2011</b> , 6, e27633	3.7	217
74	Regional variation in interhemispheric coordination of intrinsic hemodynamic fluctuations. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 13754-64	6.6	216
73	Shared and distinct intrinsic functional network centrality in autism and attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 623-32	7.9	211
72	Individual differences in the functional neuroanatomy of inhibitory control. <i>Brain Research</i> , <b>2006</b> , 1105, 130-42	3.7	211
71	Resting-state functional connectivity indexes reading competence in children and adults. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 8617-24	6.6	198
70	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , <b>2012</b> , 16, 181-8	14	190
69	Intrinsic functional connectivity of amygdala-based networks in adolescent generalized anxiety disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2013</b> , 52, 290-299.e2	7.2	185
68	The balance between feeling and knowing: affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics. <i>Social Cognitive and Affective Neuroscience</i> , <b>2012</b> , 7, 727-37	4	183
67	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E5154-E5163	11.5	182
66	Reduced interhemispheric resting state functional connectivity in cocaine addiction. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 684-92	7.9	178

65	Neurophysiological investigation of spontaneous correlated and anticorrelated fluctuations of the BOLD signal. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 6333-42	6.6	177
64	Relationship between cingulo-insular functional connectivity and autistic traits in neurotypical adults. <i>American Journal of Psychiatry</i> , <b>2009</b> , 166, 891-9	11.9	176
63	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2010</b> , 23, 289-307	2.8	174
62	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , <b>2011</b> , 54, 2950-9	7.9	165
61	Inscapes: A movie paradigm to improve compliance in functional magnetic resonance imaging. <i>NeuroImage</i> , <b>2015</b> , 122, 222-32	7.9	163
60	Broca's region: linking human brain functional connectivity data and non-human primate tracing anatomy studies. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 383-98	3.5	163
59	Brain gray matter deficits at 33-year follow-up in adults with attention-deficit/hyperactivity disorder established in childhood. <i>Archives of General Psychiatry</i> , <b>2011</b> , 68, 1122-34		149
58	The extrinsic and intrinsic functional architectures of the human brain are not equivalent. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 223-9	5.1	125
57	Intrinsic functional architecture predicts electrically evoked responses in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10308-13	11.5	124
56	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , <b>2008</b> , 19, 703-9	1.7	123
55	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 531-542	11.9	120
54	Patterns of normal human brain plasticity after practice and their implications for neurorehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 87, S20-9	2.8	117
53	A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , <b>2014</b> , 93 Pt 1, 74-94	7.9	115
52	Amygdalofrontal functional disconnectivity and aggression in schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2010</b> , 36, 1020-8	1.3	114
51	Reading networks at rest. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 2549-59	5.1	105
50	White matter alterations at 33-year follow-up in adults with childhood attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 591-8	7.9	89
49	Fronto-temporal spontaneous resting state functional connectivity in pediatric bipolar disorder. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 839-46	7.9	81
48	Cortical signatures of dyslexia and remediation: an intrinsic functional connectivity approach. <i>PLoS ONE</i> , <b>2013</b> , 8, e55454	3.7	80

47	Default mode network abnormalities in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , <b>2012</b> , 23, 353-9	3.2	77
46	Strengthening connections: functional connectivity and brain plasticity. <i>Neuropsychology Review</i> , <b>2014</b> , 24, 63-76	7.7	71
45	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2341-2352	5.1	70
44	Dimensional brain-behavior relationships in children with attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 434-42	7.9	69
43	The restless brain: attention-deficit hyperactivity disorder, resting-state functional connectivity, and intrasubject variability. <i>Canadian Journal of Psychiatry</i> , <b>2009</b> , 54, 665-72	4.8	64
42	Recent advances in structural and functional brain imaging studies of attention-deficit/hyperactivity disorder. <i>Current Psychiatry Reports</i> , <b>2007</b> , 9, 401-7	9.1	63
41	Unlearning chronic pain: A randomized controlled trial to investigate changes in intrinsic brain connectivity following Cognitive Behavioral Therapy. <i>NeuroImage: Clinical</i> , <b>2014</b> , 5, 365-76	5.3	60
40	Altered resting-state connectivity in adolescent cannabis users. <i>American Journal of Drug and Alcohol Abuse</i> , <b>2013</b> , 39, 372-81	3.7	56
39	Differential development of human brain white matter tracts. <i>PLoS ONE</i> , <b>2011</b> , 6, e23437	3.7	55
38	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , <b>2020</b> , 177, 834-843	11.9	50
37	Altered default network resting state functional connectivity in patients with a first episode of psychosis. <i>Schizophrenia Research</i> , <b>2012</b> , 139, 13-8	3.6	49
36	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , <b>2011</b> , 54, 517-27	7.9	46
35	Flexible cognitive control: effects of individual differences and brief practice on a complex cognitive task. <i>NeuroImage</i> , <b>2006</b> , 31, 866-86	7.9	46
34	Your resting brain CAREs about your risky behavior. <i>PLoS ONE</i> , <b>2010</b> , 5, e12296	3.7	43
33	Short-term test-retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. <i>Developmental Cognitive Neuroscience</i> , <b>2015</b> , 15, 83-93	5.5	41
32	Resting state functional connectivity correlates of inhibitory control in children with attention-deficit/hyperactivity disorder. <i>Frontiers in Psychiatry</i> , <b>2011</b> , 2, 83	5	40
31	Age-related changes in intrinsic function of the superior temporal sulcus in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , <b>2015</b> , 10, 1413-23	4	33
30	Functional homotopic changes in multiple sclerosis with resting-state functional MR imaging. <i>American Journal of Neuroradiology</i> , <b>2013</b> , 34, 1180-7	4.4	33

29	Neural circuitry underlying sustained attention in healthy adolescents and in ADHD symptomatology. <i>NeuroImage</i> , <b>2018</b> , 169, 395-406	7.9	31
28	The impact of ADHD persistence, recent cannabis use, and age of regular cannabis use onset on subcortical volume and cortical thickness in young adults. <i>Drug and Alcohol Dependence</i> , <b>2016</b> , 161, 135-46	4.9	23
27	Mode of Anisotropy Reveals Global Diffusion Alterations in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2016</b> , 55, 137-45	7.2	22
26	WAVELET-DOMAIN REGRESSION AND PREDICTIVE INFERENCE IN PSYCHIATRIC NEUROIMAGING. <i>Annals of Applied Statistics</i> , <b>2015</b> , 9, 1076-1101	2.1	22
25	Resting-state connectivity deficits associated with impaired inhibitory control in non-treatment-seeking adolescents with psychotic symptoms. <i>Acta Psychiatrica Scandinavica</i> , <b>2014</b> , 129, 134-42	6.5	21
24	Uncovering putative neural markers of risk avoidance. <i>Neuropsychologia</i> , <b>2011</b> , 49, 937-944	3.2	20
23	EEG spectral power, but not theta/beta ratio, is a neuromarker for adult ADHD. <i>European Journal of Neuroscience</i> , <b>2020</b> , 51, 2095-2109	3.5	20
22	The effects of attention switching on encoding and retrieval of words in younger and older adults. <i>Experimental Aging Research</i> , <b>2006</b> , 32, 153-83	1.7	16
21	Neural Correlates of Symptom Improvement Following Stimulant Treatment in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , <b>2016</b> , 26, 527-36	2.9	15
20	Distinct effects of childhood ADHD and cannabis use on brain functional architecture in young adults. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 188-200	5.3	14
19	Functional EEG connectivity is a neuromarker for adult attention deficit hyperactivity disorder symptoms. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 330-342	4.3	14
18	Ventral Striatum Connectivity During Reward Anticipation in Adolescent Smokers. <i>Developmental Neuropsychology</i> , <b>2016</b> , 41, 6-21	1.8	13
17	Quantile rank maps: a new tool for understanding individual brain development. <i>NeuroImage</i> , <b>2015</b> , 111, 454-63	7.9	12
16	Unraveling the Consequences of Childhood Maltreatment: Deviations From Typical Functional Neurodevelopment Mediate the Relationship Between Maltreatment History and Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2021</b> , 6, 329-342	3.4	11
15	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1202-1219	7.9	7
14	Subcortical brain volume, regional cortical thickness and cortical surface area across attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and obsessive-compulsive disorder (OCD)		5
13	More than just characters in a story: effective and meaningful involvement of young people in mental health research. <i>Journal of Public Mental Health</i> , <b>2019</b> , 18, 14-16	0.7	4
12	He said, she said: Autism spectrum diagnosis and gender differentially affect relationships between executive functions and social communication. <i>Autism</i> , <b>2019</b> , 23, 1793-1804	6.6	4

11	Of bandwagons and bathwater: the value of resting state functional magnetic resonance imaging for child psychiatric research. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2013</b> , 52, 562-5	7.2	4
10	Optimal time-of-day and consolidation of learning in younger and older adults. <i>Experimental Aging Research</i> , <b>2009</b> , 35, 107-28	1.7	4
9	Can Neuroscience Change the Way We View Morality?. <i>Neuron</i> , <b>2020</b> , 108, 604-607	13.9	4
8	Stability and similarity of the pediatric connectome as developmental measures. <i>NeuroImage</i> , <b>2021</b> , 226, 117537	7.9	4
7	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1140-1149 <sup>3</sup>	7.9	3
6	Multiple Network Dysconnectivity in Adolescents with Psychotic Experiences: A Longitudinal Population-Based Study. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 1608-1618	1.3	2
5	Catecholamine modulators: lessons from nonhuman primates. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2010</b> , 49, 977-9	7.2	2
4	More than a box of puzzles: Understanding the parental experience of having a child with a rare genetic condition". <i>European Journal of Medical Genetics</i> , <b>2021</b> , 64, 104164	2.6	1
3	Leveraging Longitudinal Pre-pandemic Data to Understand Mental Health Vulnerability and Resilience Among Young People During the Early Pandemic.. <i>Biological Psychiatry Global Open Science</i> , <b>2021</b> , 1, 244-245		1
2	Chronic psychosocial stress and experimental pubertal delay affect socioemotional behavior and amygdala functional connectivity in adolescent female rhesus macaques. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 127, 105154	5	0
1	Multimodal Gradient Mapping of Rodent Hippocampus.. <i>NeuroImage</i> , <b>2022</b> , 119082	7.9	0