

# Kathrin Cohen Kadosh

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

3,231  
citations

218677

26  
h-index

161849

54  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3586  
citing authors

#	ARTICLE	IF	CITATIONS
1	The social brain in adolescence: Evidence from functional magnetic resonance imaging and behavioural studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1654-1664.	6.1	311
2	Notation-Dependent and -Independent Representations of Numbers in the Parietal Lobes. <i>Neuron</i> , 2007, 53, 307-314.	8.1	278
3	Virtual Dyscalculia Induced by Parietal-Lobe TMS Impairs Automatic Magnitude Processing. <i>Current Biology</i> , 2007, 17, 689-693.	3.9	248
4	THE ROLE OF PEER REJECTION IN ADOLESCENT DEPRESSION. <i>Depression and Anxiety</i> , 2013, 30, 809-821.	4.1	189
5	Developing a cortex specialized for face perception. <i>Trends in Cognitive Sciences</i> , 2007, 11, 367-369.	7.8	187
6	The Brain Locus of Interaction between Number and Size: A Combined Functional Magnetic Resonance Imaging and Event-related Potential Study. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 957-970.	2.3	169
7	Mapping functional brain development: Building a social brain through interactive specialization.. <i>Developmental Psychology</i> , 2009, 45, 151-159.	1.6	166
8	Mental Chronometry of Working Memory Retrieval: A Combined Functional Magnetic Resonance Imaging and Event-Related Potentials Approach. <i>Journal of Neuroscience</i> , 2006, 26, 821-829.	3.6	131
9	The Neuronal Correlate of Bidirectional Synesthesia: A Combined Event-related Potential and Functional Magnetic Resonance Imaging Study. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 2050-2059.	2.3	120
10	Developmental Changes in Effective Connectivity in the Emerging Core Face Network. <i>Cerebral Cortex</i> , 2011, 21, 1389-1394.	2.9	118
11	Using real-time fMRI to influence effective connectivity in the developing emotion regulation network. <i>NeuroImage</i> , 2016, 125, 616-626.	4.2	98
12	Task-dependent Activation of Face-sensitive Cortex: An fMRI Adaptation Study. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 903-917.	2.3	97
13	Social anxiety disorder in adolescence: How developmental cognitive neuroscience findings may shape understanding and interventions for psychopathology. <i>Developmental Cognitive Neuroscience</i> , 2015, 13, 11-20.	4.0	93
14	A systematic review of the psychological factors that influence neurofeedback learning outcomes. <i>NeuroImage</i> , 2019, 185, 545-555.	4.2	87
15	Current progress in real-time functional magnetic resonance-based neurofeedback: Methodological challenges and achievements. <i>NeuroImage</i> , 2019, 202, 116107.	4.2	77
16	Effects of Age, Task Performance, and Structural Brain Development on Face Processing. <i>Cerebral Cortex</i> , 2013, 23, 1630-1642.	2.9	68
17	Linking <sc>GABA</sc> and glutamate levels to cognitive skill acquisition during development. <i>Human Brain Mapping</i> , 2015, 36, 4334-4345.	3.6	57
18	Process-based framework for precise neuromodulation. <i>Nature Human Behaviour</i> , 2019, 3, 436-445.	12.0	56

#	ARTICLE	IF	CITATIONS
19	Plasticity during childhood and adolescence: innovative approaches to investigating neurocognitive development. <i>Developmental Science</i> , 2013, 16, 574-583.	2.4	55
20	Processing conflicting information: Facilitation, interference, and functional connectivity. <i>Neuropsychologia</i> , 2008, 46, 2872-2879.	1.6	52
21	Differential face-network adaptation in children, adolescents and adults. <i>NeuroImage</i> , 2013, 69, 11-20.	4.2	46
22	Measuring online interpretations and attributions of social situations: Links with adolescent social anxiety. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2016, 50, 250-256.	1.2	40
23	Nutritional Support of Neurodevelopment and Cognitive Function in Infants and Young Children – An Update and Novel Insights. <i>Nutrients</i> , 2021, 13, 199.	4.1	40
24	Investigating face-property specific processing in the right OFA. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 58-65.	3.0	38
25	Age-related changes in attentional control across adolescence: how does this impact emotion regulation capacities?. <i>Frontiers in Psychology</i> , 2014, 5, 111.	2.1	32
26	Anxiolytic effects of a galacto-oligosaccharides prebiotic in healthy females (18–25 years) with corresponding changes in gut bacterial composition. <i>Scientific Reports</i> , 2021, 11, 8302.	3.3	32
27	Psychobiotic interventions for anxiety in young people: a systematic review and meta-analysis, with youth consultation. <i>Translational Psychiatry</i> , 2021, 11, 352.	4.8	30
28	A developmental angle to understanding the mechanisms of biased cognitions in social anxiety. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 846.	2.0	29
29	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	3.6	27
30	What can emerging cortical face networks tell us about mature brain organisation?. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 246-255.	4.0	23
31	Psychotic Experiences, Working Memory, and the Developing Brain: A Multimodal Neuroimaging Study. <i>Cerebral Cortex</i> , 2015, 25, 4828-4838.	2.9	23
32	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	4.2	22
33	High trait anxiety during adolescence interferes with discriminatory context learning. <i>Neurobiology of Learning and Memory</i> , 2015, 123, 50-57.	1.9	20
34	Predicting learning and achievement using GABA and glutamate concentrations in human development. <i>PLoS Biology</i> , 2021, 19, e3001325.	5.6	18
35	Modulatory effects of dynamic fMRI-based neurofeedback on emotion regulation networks in adolescent females. <i>NeuroImage</i> , 2020, 220, 117053.	4.2	17
36	Differing Processing Abilities for Specific Face Properties in Mid-Childhood and Adulthood. <i>Frontiers in Psychology</i> , 2011, 2, 400.	2.1	15

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37	Attention allocation and social worries predict interpretations of peer-related social cues in adolescents. <i>Developmental Cognitive Neuroscience</i> , 2017, 25, 105-112.	4.0	15
38	Amygdala Circuitry During Neurofeedback Training and Symptomsâ€™ Change in Adolescents With Varying Depression. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 110.	2.0	14
39	Investigating the effectiveness of brief cognitive reappraisal training to reduce fear in adolescents. <i>Cognition and Emotion</i> , 2017, 31, 806-815.	2.0	13
40	A Systematic Review of Psychobiotic Interventions in Children and Adolescents to Enhance Cognitive Functioning and Emotional Behavior. <i>Nutrients</i> , 2022, 14, 614.	4.1	10
41	Differentiating core and co-opted mechanisms in calculation: The neuroimaging of calculation in aphasia. <i>Brain and Cognition</i> , 2013, 82, 254-264.	1.8	9
42	When change is the only constant: The promise of longitudinal neuroimaging in understanding social anxiety disorder. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 73-82.	4.0	7
43	Khat and neurobehavioral functions: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0252900.	2.5	7
44	Training the anxious brain: using fMRI-based neurofeedback to change brain activity in adolescence. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1239-1244.	2.1	6
45	Why a developmental cognitive neuroscience approach may be key for future-proofing microbiota-gut-brain research. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.7	6
46	Training negative connectivity patterns between the dorsolateral prefrontal cortex and amygdala through fMRI-based neurofeedback to target adolescent socially-avoidant behaviour. <i>Behaviour Research and Therapy</i> , 2020, 135, 103760.	3.1	5
47	Intrinsic functional connectivity in families genetically enriched for social anxiety disorder â€“ an endophenotype study. <i>EBioMedicine</i> , 2021, 69, 103445.	6.1	5
48	Development holds the key to understanding the interplay of nature versus nurture in shaping the individual. <i>Developmental Cognitive Neuroscience</i> , 2017, 25, 1-4.	4.0	3
49	Subclinically Anxious Adolescents Do Not Display Attention Biases When Processing Emotional Faces â€“ An Eye-Tracking Study. <i>Frontiers in Psychology</i> , 2018, 9, 1584.	2.1	3
50	The effect of parietal glutamate/GABA balance on test anxiety levels in early childhood in a cross-sectional and longitudinal study. <i>Cerebral Cortex</i> , 2022, 32, 3243-3253.	2.9	3
51	Nutrient Intake and Gut Microbial Genera Changes after a 4-Week Placebo Controlled Galacto-Oligosaccharides Intervention in Young Females. <i>Nutrients</i> , 2021, 13, 4384.	4.1	2
52	384. Using Functional-Connectivity Neurofeedback to Change Emotion Regulation Networks in Pre-Clinically Anxious Adolescents. <i>Biological Psychiatry</i> , 2017, 81, S157.	1.3	1
53	Increased Intrinsic Functional Connectivity in Families Genetically Enriched for Social Anxiety. <i>Biological Psychiatry</i> , 2020, 87, S296-S297.	1.3	1