

# Tal Kenet

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

4,374  
citations

304743

22  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

6353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Family income, parental education and brain structure in children and adolescents. Nature Neuroscience, 2015, 18, 773-778.	14.8	979
2	Spontaneously emerging cortical representations of visual attributes. Nature, 2003, 425, 954-956.	27.8	851
3	Imaging Cortical Dynamics at High Spatial and Temporal Resolution with Novel Blue Voltage-Sensitive Dyes. Neuron, 1999, 24, 791-802.	8.1	338
4	Neuroanatomical Assessment of Biological Maturity. Current Biology, 2012, 22, 1693-1698.	3.9	328
5	Local and long-range functional connectivity is reduced in concert in autism spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3107-3112.	7.1	260
6	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. NeuroImage, 2016, 124, 1149-1154.	4.2	251
7	Multimodal imaging of the self-regulating developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19620-19625.	7.1	192
8	The NIH Toolbox Cognition Battery: Results from a large normative developmental sample (PING).. Neuropsychology, 2014, 28, 1-10.	1.3	163
9	Brain connectivity in autism. Frontiers in Human Neuroscience, 2014, 8, 349.	2.0	131
10	Somatosensory cortex functional connectivity abnormalities in autism show opposite trends, depending on direction and spatial scale. Brain, 2015, 138, 1394-1409.	7.6	125
11	Altered Development and Multifaceted Band-Specific Abnormalities of Resting State Networks in Autism. Biological Psychiatry, 2015, 77, 794-804.	1.3	107
12	Perinatal exposure to a noncoplanar polychlorinated biphenyl alters tonotopy, receptive fields, and plasticity in rat primary auditory cortex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7646-7651.	7.1	91
13	Individual differences in frontolimbic circuitry and anxiety emerge with adolescent changes in endocannabinoid signaling across species. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4500-4505.	7.1	72
14	Brain Abnormalities in Language Disorders and in Autism. Pediatric Clinics of North America, 2007, 54, 563-583.	1.8	61
15	Maturation trajectories of cortical resting-state networks depend on the mediating frequency band. NeuroImage, 2018, 174, 57-68.	4.2	53
16	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3985-3990.	7.1	50
17	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. Brain Structure and Function, 2016, 221, 3013-3025.	2.3	43
18	Auditory processing in noise is associated with complex patterns of disrupted functional connectivity in autism spectrum disorder. Autism Research, 2017, 10, 631-647.	3.8	41

#	ARTICLE	IF	CITATIONS
19	Maturational trajectories of local and long-range functional connectivity in autism during face processing. <i>Human Brain Mapping</i> , 2018, 39, 4094-4104.	3.6	38
20	Disconnectivity of the cortical ocular motor control network in autism spectrum disorders. <i>NeuroImage</i> , 2012, 61, 1226-1234.	4.2	33
21	Speech and language in autism spectrum disorder: a view through the lens of behavior and brain imaging. <i>Neuropsychiatry</i> , 2013, 3, 223-232.	0.4	33
22	Dyslexia and language impairment associated genetic markers influence cortical thickness and white matter in typically developing children. <i>Brain Imaging and Behavior</i> , 2016, 10, 272-282.	2.1	27
23	Cross-modal extinction in a boy with severely autistic behaviour and high verbal intelligence. <i>Cognitive Neuropsychology</i> , 2008, 25, 635-652.	1.1	25
24	Permutation Statistics for Connectivity Analysis between Regions of Interest in EEG and MEG Data. <i>Scientific Reports</i> , 2019, 9, 7942.	3.3	18
25	Altered Onset Response Dynamics in Somatosensory Processing in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016, 10, 255.	2.8	15
26	Children with autism spectrum disorder show altered functional connectivity and abnormal maturation trajectories in response to inverted faces. <i>Autism Research</i> , 2021, 14, 1101-1114.	3.8	14
27	Perinatal Asphyxia Affects Rat Auditory Processing: Implications for Auditory Perceptual Impairments in Neurodevelopmental Disorders. <i>PLoS ONE</i> , 2010, 5, e15326.	2.5	8
28	Encoding Cortical Dynamics in Sparse Features. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 338.	2.0	7
29	Normal Evoked Response to Rapid Sequences of Tactile Pulses in Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 433.	2.0	7
30	Altered maturation and atypical cortical processing of spoken sentences in autism spectrum disorder. <i>Progress in Neurobiology</i> , 2021, 203, 102077.	5.7	5
31	Cortical signatures of auditory object binding in children with autism spectrum disorder are anomalous in concordance with behavior and diagnosis. <i>PLoS Biology</i> , 2022, 20, e3001541.	5.6	4
32	Classification of evoked responses to inverted faces reveals both spatial and temporal cortical response abnormalities in Autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2021, 29, 102501.	2.7	1
33	Functional Significance of Human Resting-State Networks Hubs Identified Using MEG During the Transition From Childhood to Adulthood. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	1