

Karen Pierce

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.

47
papers

6,042
citations

30
h-index

54
g-index

54
ext. papers

7,769
ext. citations

11.8
avg, IF

5.7
L-index

#	Paper	IF	Citations
47	Why the frontal cortex in autism might be talking only to itself: local over-connectivity but long-distance disconnection. <i>Current Opinion in Neurobiology</i> , 2005 , 15, 225-30	7.6	692
46	Mapping early brain development in autism. <i>Neuron</i> , 2007 , 56, 399-413	13.9	561
45	Neuron number and size in prefrontal cortex of children with autism. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2001-10	27.4	493
44	Longitudinal magnetic resonance imaging study of cortical development through early childhood in autism. <i>Journal of Neuroscience</i> , 2010 , 30, 4419-27	6.6	409
43	Early Intervention for Children With Autism Spectrum Disorder Under 3 Years of Age: Recommendations for Practice and Research. <i>Pediatrics</i> , 2015 , 136 Suppl 1, S60-81	7.4	350
42	Brain overgrowth in autism during a critical time in development: implications for frontal pyramidal neuron and interneuron development and connectivity. <i>International Journal of Developmental Neuroscience</i> , 2005 , 23, 153-70	2.7	305
41	Disrupted neural synchronization in toddlers with autism. <i>Neuron</i> , 2011 , 70, 1218-25	13.9	284
40	Targeted sequencing identifies 91 neurodevelopmental-disorder risk genes with autism and developmental-disability biases. <i>Nature Genetics</i> , 2017 , 49, 515-526	36.3	283
39	Preference for geometric patterns early in life as a risk factor for autism. <i>Archives of General Psychiatry</i> , 2011 , 68, 101-9		267
38	Altered proliferation and networks in neural cells derived from idiopathic autistic individuals. <i>Molecular Psychiatry</i> , 2017 , 22, 820-835	15.1	224
37	A failure of left temporal cortex to specialize for language is an early emerging and fundamental property of autism. <i>Brain</i> , 2012 , 135, 949-60	11.2	214
36	Eye Tracking Reveals Abnormal Visual Preference for Geometric Images as an Early Biomarker of an Autism Spectrum Disorder Subtype Associated With Increased Symptom Severity. <i>Biological Psychiatry</i> , 2016 , 79, 657-66	7.9	165
35	Detecting, studying, and treating autism early: the one-year well-baby check-up approach. <i>Journal of Pediatrics</i> , 2011 , 159, 458-465.e1-6	3.6	154
34	Early Screening of Autism Spectrum Disorder: Recommendations for Practice and Research. <i>Pediatrics</i> , 2015 , 136 Suppl 1, S41-59	7.4	150
33	Prevalence and Characteristics of Autism Spectrum Disorder Among Children Aged 8 Years - Autism and Developmental Disabilities Monitoring Network, 11 Sites, United States, 2018. <i>MMWR Surveillance Summaries</i> , 2021 , 70, 1-16	54.1	146
32	Fusiform function in children with an autism spectrum disorder is a matter of "who". <i>Biological Psychiatry</i> , 2008 , 64, 552-60	7.9	140
31	The ASD Living Biology: from cell proliferation to clinical phenotype. <i>Molecular Psychiatry</i> , 2019 , 24, 88-107	7.1	127

30	Different functional neural substrates for good and poor language outcome in autism. <i>Neuron</i> , 2015 , 86, 567-77	13.9	123
29	Evaluation of the Diagnostic Stability of the Early Autism Spectrum Disorder Phenotype in the General Population Starting at 12 Months. <i>JAMA Pediatrics</i> , 2019 , 173, 578-587	8.3	108
28	Paternally inherited cis-regulatory structural variants are associated with autism. <i>Science</i> , 2018 , 360, 327-331	33.3	106
27	Diffusion Tensor Imaging Provides Evidence of Possible Axonal Overconnectivity in Frontal Lobes in Autism Spectrum Disorder Toddlers. <i>Biological Psychiatry</i> , 2016 , 79, 676-84	7.9	99
26	Blood-based gene expression signatures of infants and toddlers with autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012 , 51, 934-44.e2	7.2	64
25	Prediction of autism by translation and immune/inflammation coexpressed genes in toddlers from pediatric community practices. <i>JAMA Psychiatry</i> , 2015 , 72, 386-94	14.5	62
24	Frequency and Complexity of De Novo Structural Mutation in Autism. <i>American Journal of Human Genetics</i> , 2016 , 98, 667-79	11	61
23	Cell cycle networks link gene expression dysregulation, mutation, and brain maldevelopment in autistic toddlers. <i>Molecular Systems Biology</i> , 2015 , 11, 841	12.2	53
22	To Screen or Not to Screen Universally for Autism is not the Question: Why the Task Force Got It Wrong. <i>Journal of Pediatrics</i> , 2016 , 176, 182-94	3.6	48
21	The geometric preference subtype in ASD: identifying a consistent, early-emerging phenomenon through eye tracking. <i>Molecular Autism</i> , 2018 , 9, 19	6.5	36
20	Early functional brain development in autism and the promise of sleep fMRI. <i>Brain Research</i> , 2011 , 1380, 162-74	3.7	33
19	Large-scale associations between the leukocyte transcriptome and BOLD responses to speech differ in autism early language outcome subtypes. <i>Nature Neuroscience</i> , 2018 , 21, 1680-1688	25.5	32
18	A perturbed gene network containing PI3K-AKT, RAS-ERK and WNT-Eatenin pathways in leukocytes is linked to ASD genetics and symptom severity. <i>Nature Neuroscience</i> , 2019 , 22, 1624-1634	25.5	31
17	Toddlers later diagnosed with autism exhibit multiple structural abnormalities in temporal corpus callosum fibers. <i>Cortex</i> , 2017 , 97, 291-305	3.8	27
16	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. <i>Nature Communications</i> , 2020 , 11, 4932	17.4	25
15	Rethinking the idea of late autism spectrum disorder onset. <i>Development and Psychopathology</i> , 2018 , 30, 553-569	4.3	25
14	Measuring outcome in an early intervention program for toddlers with autism spectrum disorder: use of a curriculum-based assessment. <i>Autism Research & Treatment</i> , 2014 , 2014, 964704	3.2	23
13	The power and promise of identifying autism early: insights from the search for clinical and biological markers. <i>Annals of Clinical Psychiatry</i> , 2009 , 21, 132-47	1.4	22

12	Naturalistic language sampling to characterize the language abilities of 3-year-olds with autism spectrum disorder. <i>Autism</i> , 2019 , 23, 699-712	6.6	21
11	Typical Levels of Eye-Region Fixation in Toddlers With Autism Spectrum Disorder Across Multiple Contexts. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019 , 58, 1004-1015	7.2	19
10	Default mode-visual network hypoconnectivity in an autism subtype with pronounced social visual engagement difficulties. <i>ELife</i> , 2019 , 8,	8.9	17
9	Early Identification of Autism Spectrum Disorder Among Children Aged 4 Years - Autism and Developmental Disabilities Monitoring Network, 11 Sites, United States, 2018. <i>MMWR Surveillance Summaries</i> , 2021 , 70, 1-14	54.1	12
8	Identifying prognostic markers in autism spectrum disorder using eye tracking. <i>Autism</i> , 2020 , 24, 658-666	8.6	12
7	Get SET Early to Identify and Treatment Refer Autism Spectrum Disorder at 1 Year and Discover Factors That Influence Early Diagnosis. <i>Journal of Pediatrics</i> , 2021 , 236, 179-188	3.6	8
6	Neural responses to affective speech, including motherese, map onto clinical and social eye tracking profiles in toddlers with ASD.. <i>Nature Human Behaviour</i> , 2022 ,	12.8	3
5	Multiple freeze-thaw cycles lead to a loss of consistency in poly(A)-enriched RNA sequencing. <i>BMC Genomics</i> , 2021 , 22, 69	4.5	3
4	Large scale validation of an early-age eye-tracking biomarker of an autism spectrum disorder subtype.. <i>Scientific Reports</i> , 2022 , 12, 4253	4.9	2
3	An Overabundance of Prefrontal Cortex Neurons Underlies Early Brain Overgrowth in Autism 2013 , 73-83		1
2	Disrupted intrinsic connectivity links to language and social deficits in toddlers with autism		1
1	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021 , 7, eabh1663	14.3	1