

Jed T Elison

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

4,489
citations

172457

29
h-index

123424

61
g-index

62
all docs

62
docs citations

62
times ranked

4742
citing authors

#	ARTICLE	IF	CITATIONS
1	Early brain development in infants at high risk for autism spectrum disorder. <i>Nature</i> , 2017, 542, 348-351.	27.8	808
2	Differences in White Matter Fiber Tract Development Present From 6 to 24 Months in Infants With Autism. <i>American Journal of Psychiatry</i> , 2012, 169, 589-600.	7.2	555
3	Behavioral, cognitive, and adaptive development in infants with autism spectrum disorder in the first 2 years of life. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 24.	3.1	265
4	Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	264
5	The UNC/UMN Baby Connectome Project (BCP): An overview of the study design and protocol development. <i>NeuroImage</i> , 2019, 185, 891-905.	4.2	234
6	White Matter Microstructure and Atypical Visual Orienting in 7-Month-Olds at Risk for Autism. <i>American Journal of Psychiatry</i> , 2013, 170, 899-908.	7.2	228
7	Increased Extra-axial Cerebrospinal Fluid in High-Risk Infants Who Later Develop Autism. <i>Biological Psychiatry</i> , 2017, 82, 186-193.	1.3	173
8	Altered corpus callosum morphology associated with autism over the first 2 years of life. <i>Brain</i> , 2015, 138, 2046-2058.	7.6	169
9	Longitudinal patterns of repetitive behavior in toddlers with autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 945-953.	5.2	132
10	Neural circuitry at age 6 months associated with later repetitive behavior and sensory responsiveness in autism. <i>Molecular Autism</i> , 2017, 8, 8.	4.9	111
11	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2017, 27, 1709-1720.	2.9	103
12	The journey to autism: Insights from neuroimaging studies of infants and toddlers. <i>Development and Psychopathology</i> , 2018, 30, 479-495.	2.3	100
13	Associations between white matter microstructure and infants' working memory. <i>NeuroImage</i> , 2013, 64, 156-166.	4.2	90
14	Repetitive Behavior in 12-Month-Olds Later Classified With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 1216-1224.	0.5	84
15	Frontolimbic neural circuitry at 6 months predicts individual differences in joint attention at 9 months. <i>Developmental Science</i> , 2013, 16, 186-197.	2.4	77
16	Neurodevelopmental heterogeneity and computational approaches for understanding autism. <i>Translational Psychiatry</i> , 2019, 9, 63.	4.8	77
17	Subcortical Brain and Behavior Phenotypes Differentiate Infants With Autism Versus Language Delay. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 664-672.	1.5	71
18	Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2018, 28, 750-763.	2.9	65

#	ARTICLE	IF	CITATIONS
19	Naturalistic Language Recordings Reveal “Hypervocal” Infants at High Familial Risk for Autism. <i>Child Development</i> , 2018, 89, e60-e73.	3.0	59
20	Age trends in visual exploration of social and nonsocial information in children with autism. <i>Research in Autism Spectrum Disorders</i> , 2012, 6, 842-851.	1.5	53
21	Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 50-61.	1.5	53
22	Sleep Onset Problems and Subcortical Development in Infants Later Diagnosed With Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2020, 177, 518-525.	7.2	52
23	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 123-133.	4.0	51
24	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. <i>PLoS ONE</i> , 2017, 12, e0188122.	2.5	51
25	A longitudinal study of parent-reported sensory responsiveness in toddlers at risk for autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 314-324.	5.2	50
26	An Examination of Recording Accuracy and Precision From Eye Tracking Data From Toddlerhood to Adulthood. <i>Frontiers in Psychology</i> , 2018, 9, 803.	2.1	48
27	Splenium development and early spoken language in human infants. <i>Developmental Science</i> , 2017, 20, e12360.	2.4	36
28	Early language exposure supports later language skills in infants with and without autism. <i>Autism Research</i> , 2019, 12, 1784-1795.	3.8	36
29	A quantitative measure of restricted and repetitive behaviors for early childhood. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 27.	3.1	32
30	Human milk 3- <i>Sialyllactose</i> is positively associated with language development during infancy. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 588-597.	4.7	29
31	Emerging ethical issues raised by highly portable MRI research in remote and resource-limited international settings. <i>NeuroImage</i> , 2021, 238, 118210.	4.2	28
32	Pre-symptomatic intervention for autism spectrum disorder (ASD): defining a research agenda. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 49.	3.1	28
33	Subcortical Brain Development in Autism and Fragile X Syndrome: Evidence for Dynamic, Age- and Disorder-Specific Trajectories in Infancy. <i>American Journal of Psychiatry</i> , 2022, 179, 562-572.	7.2	28
34	The Importance of Temperament for Understanding Early Manifestations of Autism Spectrum Disorder in High-Risk Infants. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 2849-2863.	2.7	25
35	Potential Risk Factors for the Development of Self-Injurious Behavior among Infants at Risk for Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 1403-1415.	2.7	23
36	Machine learning accurately classifies age of toddlers based on eye tracking. <i>Scientific Reports</i> , 2019, 9, 6255.	3.3	23

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37	Variability in Responding to Joint Attention Cues in the First Year is Associated With Autism Outcome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 413-422.	0.5	17
38	Infant Visual Brain Development and Inherited Genetic Liability in Autism. <i>American Journal of Psychiatry</i> , 2022, 179, 573-585.	7.2	14
39	Safety and Feasibility of Transcranial Magnetic Stimulation as an Exploratory Assessment of Corticospinal Connectivity in Infants After Perinatal Brain Injury: An Observational Study. <i>Physical Therapy</i> , 2019, 99, 689-700.	2.4	13
40	Longitudinal change in restricted and repetitive behaviors from 8-36 months. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 7.	3.1	12
41	Infants' gaze exhibits a fractal structure that varies by age and stimulus salience. <i>Scientific Reports</i> , 2020, 10, 17216.	3.3	10
42	Towards a Data-Driven Approach to Screen for Autism Risk at 12 Months of Age. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 968-977.	0.5	9
43	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. <i>NeuroImage</i> , 2022, 247, 118838.	4.2	9
44	A voxel-wise assessment of growth differences in infants developing autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2021, 29, 102551.	2.7	8
45	Genetic architecture of reciprocal social behavior in toddlers: Implications for heterogeneity in the early origins of autism spectrum disorder. <i>Development and Psychopathology</i> , 2020, 32, 1190-1205.	2.3	8
46	Infants' abilities to respond to cues for joint attention vary by family socioeconomic status. <i>Infancy</i> , 2021, 26, 204-222.	1.6	8
47	Real-time motion monitoring improves functional MRI data quality in infants. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101116.	4.0	7
48	Resting-state functional connectivity identifies individuals and predicts age in 8-to-26-month-olds. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101123.	4.0	7
49	Restricted, Repetitive, and Reciprocal Social Behavior in Toddlers Born Small for Gestation Duration. <i>Journal of Pediatrics</i> , 2018, 200, 118-124.e9.	1.8	6
50	Cost-Effectiveness of MRI-Based Identification of Presymptomatic Autism in a High-Risk Population. <i>Frontiers in Psychiatry</i> , 2020, 11, 60.	2.6	6
51	Diagnostic shifts in autism spectrum disorder can be linked to the fuzzy nature of the diagnostic boundary: a data-driven approach. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1236-1245.	5.2	6
52	Examining criterion-oriented validity of the Repetitive Behavior Scales for Early Childhood (RBS-EC) and the Video-Referenced Rating of Reciprocal Social Behavior (vrRSB). <i>Development and Psychopathology</i> , 2020, 32, 779-789.	2.3	5
53	Phenoscreening: a developmental approach to research domain criteria-motivated sampling. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 884-894.	5.2	5
54	Semi-supervised VAE-GAN for Out-of-Sample Detection Applied to MRI Quality Control. <i>Lecture Notes in Computer Science</i> , 2019, , 127-136.	1.3	5

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55	Emerging Evidence for Putative Neural Networks and Antecedents of Pediatric Anxiety in the Fetal, Neonatal, and Infant Periods. <i>Biological Psychiatry</i> , 2021, 89, 672-680.	1.3	4
56	Cataloguing and characterizing interests in typically developing toddlers and toddlers who develop ASD. <i>Autism Research</i> , 2021, 14, 1710-1723.	3.8	4
57	Synthesizing pseudo-T2w images to recapture missing data in neonatal neuroimaging with applications in rs-fMRI. <i>NeuroImage</i> , 2022, 253, 119091.	4.2	4
58	A Prospective Evaluation of Infant Cerebellar-Cerebral Functional Connectivity in Relation to Behavioral Development in Autism Spectrum Disorder. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 149-161.	2.2	3
59	Examining the factor structure and discriminative utility of the Infant Behavior Questionnaire—Revised in infant siblings of autistic children. <i>Child Development</i> , 2022, 93, 1398-1413.	3.0	3
60	Comparison of U.S. and Tajik infants' time in containment devices. <i>Infant and Child Development</i> , 2022, 31, .	1.5	3
61	Birthweight moderates the association between chronological age and infants' abilities to respond to cues for joint attention. <i>Developmental Psychobiology</i> , 2022, 64, e22239.	1.6	1