

Joseph Piven

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.

44
papers

2,405
citations

21
h-index

49
g-index

49
ext. papers

3,071
ext. citations

6.3
avg, IF

4.48
L-index

#	Paper	IF	Citations
44	Early brain development in infants at high risk for autism spectrum disorder. <i>Nature</i> , 2017 , 542, 348-351	50.4	552
43	Early brain overgrowth in autism associated with an increase in cortical surface area before age 2 years. <i>Archives of General Psychiatry</i> , 2011 , 68, 467-76		298
42	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	4.6	194
41	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,	17.5	175
40	Evidence supporting WNT2 as an autism susceptibility gene. <i>American Journal of Medical Genetics Part A</i> , 2001 , 105, 406-13		162
39	Increased Extra-axial Cerebrospinal Fluid in High-Risk Infants Who Later Develop Autism. <i>Biological Psychiatry</i> , 2017 , 82, 186-193	7.9	127
38	Altered corpus callosum morphology associated with autism over the first 2 years of life. <i>Brain</i> , 2015 , 138, 2046-58	11.2	116
37	Neural circuitry at age 6 months associated with later repetitive behavior and sensory responsiveness in autism. <i>Molecular Autism</i> , 2017 , 8, 8	6.5	82
36	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, 1216-24	7.2	71
35	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2017 , 27, 1709-1720	17.063	
34	Frontolimbic neural circuitry at 6 months predicts individual differences in joint attention at 9 months. <i>Developmental Science</i> , 2013 , 16, 186-197	4.5	61
33	Subcortical Brain and Behavior Phenotypes Differentiate Infants With Autism Versus Language Delay. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 664-672	3.4	55
32	Emerging Executive Functioning and Motor Development in Infants at High and Low Risk for Autism Spectrum Disorder. <i>Frontiers in Psychology</i> , 2016 , 7, 1016	3.4	50
31	Longitudinal profiles of adaptive behavior in fragile X syndrome. <i>Pediatrics</i> , 2014 , 134, 315-24	7.4	47
30	UNC-Utah NA-MIC framework for DTI fiber tract analysis. <i>Frontiers in Neuroinformatics</i> , 2014 , 7, 51	3.9	45
29	The Impact of COVID-19 on Individuals With Intellectual and Developmental Disabilities: Clinical and Scientific Priorities. <i>American Journal of Psychiatry</i> , 2020 , 177, 1091-1093	11.9	41
28	Brain and behavior development in autism from birth through infancy. <i>Dialogues in Clinical Neuroscience</i> , 2017 , 19, 325-333	5.7	36

27	The molecular genetics of autism. <i>Current Psychiatry Reports</i> , 2000 , 2, 170-5	9.1	31
26	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. <i>PLoS ONE</i> , 2017 , 12, e0188122	3.7	28
25	Development of White Matter Circuitry in Infants With Fragile X Syndrome. <i>JAMA Psychiatry</i> , 2018 , 75, 505-513	14.5	26
24	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	7.9	23
23	Common genetic risk variants identified in the SPARK cohort support DDHD2 as a candidate risk gene for autism. <i>Translational Psychiatry</i> , 2020 , 10, 265	8.6	19
22	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	4.6	18
21	Sleep Onset Problems and Subcortical Development in Infants Later Diagnosed With Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2020 , 177, 518-525	11.9	15
20	Subject-Motion Correction in HARDI Acquisitions: Choices and Consequences. <i>Frontiers in Neurology</i> , 2014 , 5, 240	4.1	12
19	"If He Has it, We Know What to Do": Parent Perspectives on Familial Risk for Autism Spectrum Disorder. <i>Journal of Pediatric Psychology</i> , 2020 , 45, 121-130	3.2	11
18	Sex differences associated with corpus callosum development in human infants: A longitudinal multimodal imaging study. <i>NeuroImage</i> , 2020 , 215, 116821	7.9	5
17	The Association Between Parental Age and Autism-Related Outcomes in Children at High Familial Risk for Autism. <i>Autism Research</i> , 2020 , 13, 998-1010	5.1	4
16	Compressive Sensing Based Q-Space Resampling for Handling Fast Bulk Motion in Hardi Acquisitions 2016 , 2016, 907-910	1.5	4
15	A PRELIMINARY STUDY ON THE EFFECT OF MOTION CORRECTION ON HARDI RECONSTRUCTION 2014 , 2014, 1055-1058	1.5	4
14	Common-variant associations with fragile X syndrome. <i>Molecular Psychiatry</i> , 2019 , 24, 338-344	15.1	4
13	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	7.2	3
12	Characterizing growth patterns in longitudinal MRI using image contrast. <i>Proceedings of SPIE</i> , 2014 , 9034, 90340D	1.7	3
11	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> , 2021 ,	7.2	3
10	A framework to construct a longitudinal DW-MRI infant atlas based on mixed effects modeling of dODF coefficients. <i>Mathematics and Visualization</i> , 2020 , 2020, 149-159	0.6	2

9	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 , appiajp21090896	11.9	2
8	A JOINT FRAMEWORK FOR 4D SEGMENTATION AND ESTIMATION OF SMOOTH TEMPORAL APPEARANCE CHANGES 2014 , 2014, 1291-1294	1.5	1
7	MODELING LONGITUDINAL MRI CHANGES IN POPULATIONS USING A LOCALIZED, INFORMATION-THEORETIC MEASURE OF CONTRAST 2013 , 2013, 1396-1399	1.5	1
6	A Novel Framework for the Local Extraction of Extra-Axial Cerebrospinal Fluid from MR Brain Images. <i>Proceedings of SPIE</i> , 2018 , 10574,	1.7	1
5	A Novel Method for High-Dimensional Anatomical Mapping of Extra-Axial Cerebrospinal Fluid: Application to the Infant Brain. <i>Frontiers in Neuroscience</i> , 2020 , 14, 561556	5.1	1
4	Presymptomatic Detection and Intervention for Autism Spectrum Disorder. <i>Pediatrics</i> , 2021 , 147,	7.4	1
3	Cataloguing and characterizing interests in typically developing toddlers and toddlers who develop ASD. <i>Autism Research</i> , 2021 , 14, 1710-1723	5.1	0
2	Longitudinal Prediction of Infant MR Images With Multi-Contrast Perceptual Adversarial Learning. <i>Frontiers in Neuroscience</i> , 2021 , 15, 653213	5.1	0
1	Hierarchical geodesic modeling on the diffusion orientation distribution function for longitudinal DW-MRI analysis. <i>Lecture Notes in Computer Science</i> , 2020 , 12267, 311-321	0.9	