Shafali S Jeste

List of Publications by Year
in descending order

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99 papers	4,984 citations	136740 32 h-index	102304 66 g-index
109 all docs	109 docs citations	109 times ranked	6265 citing authors

#	Article	IF	Citations
1	Disentangling the heterogeneity of autism spectrum disorder through genetic findings. Nature Reviews Neurology, 2014, 10, 74-81.	4.9	532
2	Spinal sensory neurons express multiple sodium channel Î±-subunit mRNAs. Molecular Brain Research, 1996, 43, 117-131.	2.5	342
3	Clinical Genetic Testing for Patients With Autism Spectrum Disorders. Pediatrics, 2010, 125, e727-e735.	1.0	339
4	Deletions of NRXN1 (neurexinâ€1) predispose to a wide spectrum of developmental disorders. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 937-947.	1.1	217
5	Changes in access to educational and healthcare services for individuals with intellectual and developmental disabilities during COVIDâ€19 restrictions. Journal of Intellectual Disability Research, 2020, 64, 825-833.	1.2	190
6	Characterization of Autism in Young Children With Tuberous Sclerosis Complex. Journal of Child Neurology, 2008, 23, 520-525.	0.7	167
7	Event Related Potentials in the Understanding of Autism Spectrum Disorders: An Analytical Review. Journal of Autism and Developmental Disorders, 2009, 39, 495-510.	1.7	149
8	Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. BMC Medicine, 2013, 11, 54.	2.3	149
9	Cognitive predictors of medication adherence among middle-aged and older outpatients with schizophrenia. Schizophrenia Research, 2003, 63, 49-58.	1.1	146
10	Electrophysiological biomarkers of diagnosis and outcome in neurodevelopmental disorders. Current Opinion in Neurology, 2015, 28, 110-116.	1.8	142
11	Autism Spectrum Disorders and Race, Ethnicity, and Nativity: A Population-Based Study. Pediatrics, 2014, 134, e63-e71.	1.0	131
12	Brain connectivity in autism spectrum disorder. Current Opinion in Neurology, 2016, 29, 137-147.	1.8	120
13	Autism Spectrum Disorder and Epilepsy. Journal of Child Neurology, 2015, 30, 1963-1971.	0.7	118
14	Loss of White Matter Microstructural Integrity Is Associated with Adverse Neurological Outcome in Tuberous Sclerosis Complex. Academic Radiology, 2012, 19, 17-25.	1.3	111
15	The benefits of steroids versus steroids plus antivirals for treatment of Bell's palsy: a meta-analysis. BMJ: British Medical Journal, 2009, 339, b3354-b3354.	2.4	107
16	Peak alpha frequency is a neural marker of cognitive function across the autism spectrum. European Journal of Neuroscience, 2018, 47, 643-651.	1.2	97
17	The neurology of autism spectrum disorders. Current Opinion in Neurology, 2011, 24, 132-139.	1.8	90
18	Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. Neurology, 2016, 87, 766-772.	1.5	89

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19	Common neurological co-morbidities in autism spectrum disorders. Current Opinion in Pediatrics, 2011, 23, 609-615.	1.0	83
20	The Autism Biomarkers Consortium for Clinical Trials (ABC-CT): Scientific Context, Study Design, and Progress Toward Biomarker Qualification. Frontiers in Integrative Neuroscience, 2020, 14, 16.	1.0	77
21	Modifiable Dietary Habits and Their Relation to Metabolic Abnormalities in Men and Women with Human Immunodeficiency Virus Infection and Fat Redistribution. Clinical Infectious Diseases, 2001, 33, 710-717.	2.9	72
22	Impaired Language Pathways in Tuberous Sclerosis Complex Patients with Autism Spectrum Disorders. Cerebral Cortex, 2013, 23, 1526-1532.	1.6	72
23	Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. Neurology, 2014, 83, 160-168.	1.5	71
24	The emergence of autism spectrum disorder. Current Opinion in Psychiatry, 2017, 30, 85-91.	3.1	69
25	Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. Biological Psychiatry, 2019, 85, 752-759.	0.7	65
26	Diffusion Features of White Matter in Tuberous Sclerosis With Tractography. Pediatric Neurology, 2010, 42, 101-106.	1.0	59
27	A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. PLoS ONE, 2016, 11, e0167179.	1.1	54
28	Electrophysiological evidence of heterogeneity in visual statistical learning in young children with <scp>ASD</scp>. Developmental Science, 2015, 18, 90-105.	1.3	53
29	Identification of a distinct developmental and behavioral profile in children with Dup15q syndrome. Journal of Neurodevelopmental Disorders, 2016, 8, 19.	1.5	47
30	Early autism symptoms in infants with tuberous sclerosis complex. Autism Research, 2017, 10, 1981-1990.	2.1	44
31	Clinical trials for neurodevelopmental disorders: At a therapeutic frontier. Science Translational Medicine, 2016, 8, 321fs1.	5.8	43
32	Whatâ€™s missing in autism spectrum disorder motor assessments?. Journal of Neurodevelopmental Disorders, 2018, 10, 33.	1.5	37
33	Risperidone Use in Autism Spectrum Disorders: A Retrospective Review of a Clinic-Referred Patient Population. Journal of Child Neurology, 2011, 26, 428-432.	0.7	36
34	ERP evidence of semantic processing in children with ASD. Developmental Cognitive Neuroscience, 2019, 36, 100640.	1.9	34
35	Biomarker Acquisition and Quality Control for Multi-Site Studies: The Autism Biomarkers Consortium for Clinical Trials. Frontiers in Integrative Neuroscience, 2019, 13, 71.	1.0	33
36	Day-to-Day Test-Retest Reliability of EEG Profiles in Children With Autism Spectrum Disorder and Typical Development. Frontiers in Integrative Neuroscience, 2020, 14, 21.	1.0	32

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37	Mechanisms underlying the EEG biomarker in Dup15q syndrome. Molecular Autism, 2019, 10, 29.	2.6	31
38	Altered lateralization of dorsal language tracts in 6â€weekâ€old infants at risk for autism. Developmental Science, 2019, 22, e12768.	1.3	30
39	Developmental Trajectories of Infants With Multiplex Family Risk for Autism. JAMA Neurology, 2020, 77, 73.	4.5	30
40	Neurodevelopmental Behavioral and Cognitive Disorders. CONTINUUM Lifelong Learning in Neurology, 2015, 21, 690-714.	0.4	29
41	Diagnosis and Management of Autism Spectrum Disorder in the Era of Genomics. Pediatric Clinics of North America, 2015, 62, 607-618.	0.9	29
42	A Multi-Dimensional Functional Principal Components Analysis of EEG Data. Biometrics, 2017, 73, 999-1009.	0.8	29
43	Interhemispheric alpha-band hypoconnectivity in children with autism spectrum disorder. Behavioural Brain Research, 2018, 348, 227-234.	1.2	29
44	Early patterns of functional brain development associated with autism spectrum disorder in tuberous sclerosis complex. Autism Research, 2019, 12, 1758-1773.	2.1	29
45	Multivariate Neural Connectivity Patterns in Early Infancy Predict Later Autism Symptoms. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 59-69.	1.1	28
46	The Autism Biomarkers Consortium for Clinical Trials: evaluation of a battery of candidate eye-tracking biomarkers for use in autism clinical trials. Molecular Autism, 2022, 13, 15.	2.6	28
47	EEG data collection in children with ASD: The role of state in data quality and spectral power. Research in Autism Spectrum Disorders, 2019, 57, 132-144.	0.8	27
48	Physiologic artifacts in resting state oscillations in young children: methodological considerations for noisy data. Brain Imaging and Behavior, 2015, 9, 104-114.	1.1	24
49	Hybrid principal components analysis for region-referenced longitudinal functional EEG data. Biostatistics, 2020, 21, 139-157.	0.9	23
50	Child Neurology: Chronic inflammatory demyelinating polyradiculoneuropathy in children. Neurology, 2008, 71, e74-8.	1.5	22
51	Resting state EEG in youth with ASD: age, sex, and relation to phenotype. Journal of Neurodevelopmental Disorders, 2021, 13, 33.	1.5	22
52	Behavioral characterization of dup15q syndrome: Toward meaningful endpoints for clinical trials. American Journal of Medical Genetics, Part A, 2020, 182, 71-84.	0.7	21
53	Altered Thalamocortical Connectivity in 6-Week-Old Infants at High Familial Risk for Autism Spectrum Disorder. Cerebral Cortex, 2021, 31, 4191-4205.	1.6	21
54	Visual Evoked Potentials as a Readout of Cortical Function in Infants With Tuberous Sclerosis Complex. Journal of Child Neurology, 2016, 31, 195-202.	0.7	18

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55	Emerging atypicalities in functional connectivity of language-related networks in young infants at high familial risk for ASD. Developmental Cognitive Neuroscience, 2020, 45, 100814.	1.9	18
56	Atypical Face Processing in Children With Tuberous Sclerosis Complex. Journal of Child Neurology, 2013, 28, 1569-1576.	0.7	16
57	Organized physical activity programs: improving motor and nonâ€motor symptoms in neurodevelopmental disorders. Developmental Medicine and Child Neurology, 2018, 60, 856-857.	1.1	15
58	Identifying Longitudinal Trends within EEG Experiments. Biometrics, 2015, 71, 1090-1100.	0.8	14
59	Functional connectivity during language processing in 3â€monthâ€old infants at familial risk for autism spectrum disorder. European Journal of Neuroscience, 2021, 53, 1621-1637.	1.2	14
60	Electroencephalographic patterns during sleep in children with chromosome 15q11.2-13.1 duplications (Dup15q). Epilepsy and Behavior, 2016, 57, 133-136.	0.9	11
61	Quantitative Gait Analysis in Duplication <scp>15q</scp> Syndrome and Nonsyndromic <scp>ASD</scp>. Autism Research, 2020, 13, 1102-1110.	2.1	11
62	Child Neurology: Past, present, and future. Neurology, 2010, 74, e17-9.	1.5	10
63	Methodological considerations in the use of Noldus EthoVision XT video tracking of children with autism in multi-site studies. Biological Psychology, 2019, 146, 107712.	1.1	10
64	Language and Aggressive Behaviors in Male and Female Youth with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2022, 52, 454-462.	1.7	10
65	Abnormal sleep physiology in children with 15q11.2-13.1 duplication (Dup15q) syndrome. Molecular Autism, 2021, 12, 54.	2.6	10
66	Trajectory of frequency stability in typical development. Brain Imaging and Behavior, 2015, 9, 5-18.	1.1	8
67	Bayesian analysis of longitudinal and multidimensional functional data. Biostatistics, 2022, 23, 558-573.	0.9	8
68	Electrophysiological signatures of visual statistical learning in 3â€monthâ€old infants at familial and low risk for autism spectrum disorder. Developmental Psychobiology, 2020, 62, 858-870.	0.9	8
69	Beyond Baby Siblingsâ€"Expanding the Definition of â€œHigh-Risk Infantsâ€in Autism Research. Current Psychiatry Reports, 2021, 23, 34.	2.1	8
70	Robust functional clustering of ERP data with application to a study of implicit learning in autism. Biostatistics, 2016, 17, 484-498.	0.9	7
71	Social complexity and the early social environment affect visual social attention to faces. Autism Research, 2019, 12, 445-457.	2.1	7
72	Properties of beta oscillations in Dup15q syndrome. Journal of Neurodevelopmental Disorders, 2020, 12, 22.	1.5	7

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73	A telehealth approach to improving clinical trial access for infants with tuberous sclerosis complex. Journal of Neurodevelopmental Disorders, 2020, 12, 3.	1.5	7
74	Atypical cerebellar functional connectivity at 9 months of age predicts delayed socioâ€communicative profiles in infants at high and low risk for autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 1002-1016.	3.1	7
75	Covariateâ€adjusted regionâ€referenced generalized functional linear model for EEG data. Statistics in Medicine, 2019, 38, 5587-5602.	0.8	6
76	Principle ERP reduction and analysis: Estimating and using principle ERP waveforms underlying ERPs across tasks, subjects and electrodes. NeuroImage, 2020, 212, 116630.	2.1	6
77	Lack of neural evidence for implicit language learning in 9â€monthâ€old infants at high risk for autism. Developmental Science, 2021, 24, e13078.	1.3	6
78	Neurobiological Perspectives on Developmental Psychopathology. , 0, , 145-159.		6
79	Early developmental pathways to autism spectrum disorder in tuberous sclerosis complex. Advances in Autism, 2016, 2, 84-93.	0.6	5
80	Joint engagement modulates object discrimination in toddlers: a pilot electrophysiological investigation. Social Neuroscience, 2016, 11, 525-530.	0.7	5
81	Improving Developmental Abilities in Infants With Tuberous Sclerosis Complex. Infants and Young Children, 2020, 33, 108-118.	0.5	5
82	Electrophysiological signatures of brain aging in autism spectrum disorder. Cortex, 2022, 148, 139-151.	1.1	5
83	Early predictors of language skills at 3â€‰years of age vary based on diagnostic outcome: A baby siblings research consortium study. Autism Research, 0, , .	2.1	5
84	Connectivity in Context: Emphasizing Neurodevelopment in Autism Spectrum Disorder. Biological Psychiatry, 2015, 77, 772-774.	0.7	4
85	The Neurodevelopmental and Motor Phenotype of SCA21 (ATX-TMEM240). Journal of Child Neurology, 2020, 35, 953-962.	0.7	4
86	Early concerns in parents of infants at risk for autism. Developmental Medicine and Child Neurology, 2021, 63, 1410-1416.	1.1	4
87	Multisite Semiautomated Clinical Data Repository for Duplication 15q Syndrome: Study Protocol and Early Uses. JMIR Research Protocols, 2017, 6, e194.	0.5	4
88	Dual orexin receptor antagonists for insomnia in youth with neurodevelopmental disorders: a case series and review. European Child and Adolescent Psychiatry, 2023, 32, 527-531.	2.8	4
89	Developmental disorders. Current Opinion in Neurology, 2015, 28, 89-90.	1.8	3
90	Covariate-adjusted hybrid principal components analysis for region-referenced functional EEG data. Statistics and Its Interface, 2022, 15, 209-223.	0.2	3

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91	Multilevel hybrid principal components analysis for regionâ€referenced functional electroencephalography data. Statistics in Medicine, 2022, 41, 3737-3757.	0.8	3
92	Child Neurology: Autism as a model. Neurology, 2009, 73, 733-735.	1.5	2
93	Resting and Task-Modulated High-Frequency Brain Rhythms Measured by Scalp Encephalography in Infants with Tuberous Sclerosis Complex. Journal of Autism and Developmental Disorders, 2015, 45, 336-353.	1.7	2
94	Inferring Brain Signals Synchronicity From a Sample of EEG Readings. Journal of the American Statistical Association, 2019, 114, 991-1001.	1.8	2
95	Covariate-Adjusted Hybrid Principal Components Analysis. Communications in Computer and Information Science, 2020, , 391-404.	0.4	2
96	Autism today. Neurology, 2017, 88, 1303-1304.	1.5	1
97	A study of longitudinal trends in time-frequency transformations of EEG data during a learning experiment. Computational Statistics and Data Analysis, 2022, 167, 107367.	0.7	1
98	Inaugural annual special section of the intellectual and developmental disabilities research centers: developmental cognitive neuroscience and neurodevelopmental disorders. Journal of Neurodevelopmental Disorders, 2018, 10, 36.	1.5	0
99	Can Preclinical Insights Give Us Hope for Effective Treatments for Epilepsy in 15q11-q13 Duplication Syndrome?. Biological Psychiatry, 2021, 90, 735-737.	0.7	0