

Shafali S Jeste

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

4,984
citations

136950

32
h-index

102487

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. <i>Nature Reviews Neurology</i> , 2014, 10, 74-81.	10.1	532
2	Spinal sensory neurons express multiple sodium channel α -subunit mRNAs. <i>Molecular Brain Research</i> , 1996, 43, 117-131.	2.3	342
3	Clinical Genetic Testing for Patients With Autism Spectrum Disorders. <i>Pediatrics</i> , 2010, 125, e727-e735.	2.1	339
4	Deletions of <i>NRXN1</i> (neurexin-1) predispose to a wide spectrum of developmental disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 937-947.	1.7	217
5	Changes in access to educational and healthcare services for individuals with intellectual and developmental disabilities during COVID-19 restrictions. <i>Journal of Intellectual Disability Research</i> , 2020, 64, 825-833.	2.0	190
6	Characterization of Autism in Young Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2008, 23, 520-525.	1.4	167
7	Event Related Potentials in the Understanding of Autism Spectrum Disorders: An Analytical Review. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 495-510.	2.7	149
8	Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. <i>BMC Medicine</i> , 2013, 11, 54.	5.5	149
9	Cognitive predictors of medication adherence among middle-aged and older outpatients with schizophrenia. <i>Schizophrenia Research</i> , 2003, 63, 49-58.	2.0	146
10	Electrophysiological biomarkers of diagnosis and outcome in neurodevelopmental disorders. <i>Current Opinion in Neurology</i> , 2015, 28, 110-116.	3.6	142
11	Autism Spectrum Disorders and Race, Ethnicity, and Nativity: A Population-Based Study. <i>Pediatrics</i> , 2014, 134, e63-e71.	2.1	131
12	Brain connectivity in autism spectrum disorder. <i>Current Opinion in Neurology</i> , 2016, 29, 137-147.	3.6	120
13	Autism Spectrum Disorder and Epilepsy. <i>Journal of Child Neurology</i> , 2015, 30, 1963-1971.	1.4	118
14	Loss of White Matter Microstructural Integrity Is Associated with Adverse Neurological Outcome in Tuberous Sclerosis Complex. <i>Academic Radiology</i> , 2012, 19, 17-25.	2.5	111
15	The benefits of steroids versus steroids plus antivirals for treatment of Bell's palsy: a meta-analysis. <i>BMJ: British Medical Journal</i> , 2009, 339, b3354-b3354.	2.3	107
16	Peak alpha frequency is a neural marker of cognitive function across the autism spectrum. <i>European Journal of Neuroscience</i> , 2018, 47, 643-651.	2.6	97
17	The neurology of autism spectrum disorders. <i>Current Opinion in Neurology</i> , 2011, 24, 132-139.	3.6	90
18	Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. <i>Neurology</i> , 2016, 87, 766-772.	1.1	89

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19	Common neurological co-morbidities in autism spectrum disorders. <i>Current Opinion in Pediatrics</i> , 2011, 23, 609-615.	2.0	83
20	The Autism Biomarkers Consortium for Clinical Trials (ABC-CT): Scientific Context, Study Design, and Progress Toward Biomarker Qualification. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 16.	2.1	77
21	Modifiable Dietary Habits and Their Relation to Metabolic Abnormalities in Men and Women with Human Immunodeficiency Virus Infection and Fat Redistribution. <i>Clinical Infectious Diseases</i> , 2001, 33, 710-717.	5.8	72
22	Impaired Language Pathways in Tuberous Sclerosis Complex Patients with Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2013, 23, 1526-1532.	2.9	72
23	Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. <i>Neurology</i> , 2014, 83, 160-168.	1.1	71
24	The emergence of autism spectrum disorder. <i>Current Opinion in Psychiatry</i> , 2017, 30, 85-91.	6.3	69
25	Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. <i>Biological Psychiatry</i> , 2019, 85, 752-759.	1.3	65
26	Diffusion Features of White Matter in Tuberous Sclerosis With Tractography. <i>Pediatric Neurology</i> , 2010, 42, 101-106.	2.1	59
27	A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. <i>PLoS ONE</i> , 2016, 11, e0167179.	2.5	54
28	Electrophysiological evidence of heterogeneity in visual statistical learning in young children with ASD. <i>Developmental Science</i> , 2015, 18, 90-105.	2.4	53
29	Identification of a distinct developmental and behavioral profile in children with Dup15q syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 19.	3.1	47
30	Early autism symptoms in infants with tuberous sclerosis complex. <i>Autism Research</i> , 2017, 10, 1981-1990.	3.8	44
31	Clinical trials for neurodevelopmental disorders: At a therapeutic frontier. <i>Science Translational Medicine</i> , 2016, 8, 321fs1.	12.4	43
32	What's missing in autism spectrum disorder motor assessments?. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 33.	3.1	37
33	Risperidone Use in Autism Spectrum Disorders: A Retrospective Review of a Clinic-Referred Patient Population. <i>Journal of Child Neurology</i> , 2011, 26, 428-432.	1.4	36
34	ERP evidence of semantic processing in children with ASD. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100640.	4.0	34
35	Biomarker Acquisition and Quality Control for Multi-Site Studies: The Autism Biomarkers Consortium for Clinical Trials. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 71.	2.1	33
36	Day-to-Day Test-Retest Reliability of EEG Profiles in Children With Autism Spectrum Disorder and Typical Development. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 21.	2.1	32

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37	Mechanisms underlying the EEG biomarker in Dup15q syndrome. <i>Molecular Autism</i> , 2019, 10, 29.	4.9	31
38	Altered lateralization of dorsal language tracts in 6-week-old infants at risk for autism. <i>Developmental Science</i> , 2019, 22, e12768.	2.4	30
39	Developmental Trajectories of Infants With Multiplex Family Risk for Autism. <i>JAMA Neurology</i> , 2020, 77, 73.	9.0	30
40	Neurodevelopmental Behavioral and Cognitive Disorders. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2015, 21, 690-714.	0.8	29
41	Diagnosis and Management of Autism Spectrum Disorder in the Era of Genomics. <i>Pediatric Clinics of North America</i> , 2015, 62, 607-618.	1.8	29
42	A Multi-Dimensional Functional Principal Components Analysis of EEG Data. <i>Biometrics</i> , 2017, 73, 999-1009.	1.4	29
43	Interhemispheric alpha-band hypoconnectivity in children with autism spectrum disorder. <i>Behavioural Brain Research</i> , 2018, 348, 227-234.	2.2	29
44	Early patterns of functional brain development associated with autism spectrum disorder in tuberous sclerosis complex. <i>Autism Research</i> , 2019, 12, 1758-1773.	3.8	29
45	Multivariate Neural Connectivity Patterns in Early Infancy Predict Later Autism Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 59-69.	1.5	28
46	The Autism Biomarkers Consortium for Clinical Trials: evaluation of a battery of candidate eye-tracking biomarkers for use in autism clinical trials. <i>Molecular Autism</i> , 2022, 13, 15.	4.9	28
47	EEG data collection in children with ASD: The role of state in data quality and spectral power. <i>Research in Autism Spectrum Disorders</i> , 2019, 57, 132-144.	1.5	27
48	Physiologic artifacts in resting state oscillations in young children: methodological considerations for noisy data. <i>Brain Imaging and Behavior</i> , 2015, 9, 104-114.	2.1	24
49	Hybrid principal components analysis for region-referenced longitudinal functional EEG data. <i>Biostatistics</i> , 2020, 21, 139-157.	1.5	23
50	Child Neurology: Chronic inflammatory demyelinating polyradiculoneuropathy in children. <i>Neurology</i> , 2008, 71, e74-8.	1.1	22
51	Resting state EEG in youth with ASD: age, sex, and relation to phenotype. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 33.	3.1	22
52	Behavioral characterization of dup15q syndrome: Toward meaningful endpoints for clinical trials. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 71-84.	1.2	21
53	Altered Thalamocortical Connectivity in 6-Week-Old Infants at High Familial Risk for Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 4191-4205.	2.9	21
54	Visual Evoked Potentials as a Readout of Cortical Function in Infants With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2016, 31, 195-202.	1.4	18

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55	Emerging atypicalities in functional connectivity of language-related networks in young infants at high familial risk for ASD. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100814.	4.0	18
56	Atypical Face Processing in Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2013, 28, 1569-1576.	1.4	16
57	Organized physical activity programs: improving motor and non-motor symptoms in neurodevelopmental disorders. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 856-857.	2.1	15
58	Identifying Longitudinal Trends within EEG Experiments. <i>Biometrics</i> , 2015, 71, 1090-1100.	1.4	14
59	Functional connectivity during language processing in 3-month-old infants at familial risk for autism spectrum disorder. <i>European Journal of Neuroscience</i> , 2021, 53, 1621-1637.	2.6	14
60	Electroencephalographic patterns during sleep in children with chromosome 15q11.2-13.1 duplications (Dup15q). <i>Epilepsy and Behavior</i> , 2016, 57, 133-136.	1.7	11
61	Quantitative Gait Analysis in Duplication <scp>15q</scp> Syndrome and Nonsyndromic <scp>ASD</scp>. <i>Autism Research</i> , 2020, 13, 1102-1110.	3.8	11
62	Child Neurology: Past, present, and future. <i>Neurology</i> , 2010, 74, e17-9.	1.1	10
63	Methodological considerations in the use of Noldus EthoVision XT video tracking of children with autism in multi-site studies. <i>Biological Psychology</i> , 2019, 146, 107712.	2.2	10
64	Language and Aggressive Behaviors in Male and Female Youth with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 454-462.	2.7	10
65	Abnormal sleep physiology in children with 15q11.2-13.1 duplication (Dup15q) syndrome. <i>Molecular Autism</i> , 2021, 12, 54.	4.9	10
66	Trajectory of frequency stability in typical development. <i>Brain Imaging and Behavior</i> , 2015, 9, 5-18.	2.1	8
67	Bayesian analysis of longitudinal and multidimensional functional data. <i>Biostatistics</i> , 2022, 23, 558-573.	1.5	8
68	Electrophysiological signatures of visual statistical learning in 3-month-old infants at familial and low risk for autism spectrum disorder. <i>Developmental Psychobiology</i> , 2020, 62, 858-870.	1.6	8
69	Beyond Baby Siblings—Expanding the Definition of “High-Risk Infants” in Autism Research. <i>Current Psychiatry Reports</i> , 2021, 23, 34.	4.5	8
70	Robust functional clustering of ERP data with application to a study of implicit learning in autism. <i>Biostatistics</i> , 2016, 17, 484-498.	1.5	7
71	Social complexity and the early social environment affect visual social attention to faces. <i>Autism Research</i> , 2019, 12, 445-457.	3.8	7
72	Properties of beta oscillations in Dup15q syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 22.	3.1	7

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73	A telehealth approach to improving clinical trial access for infants with tuberous sclerosis complex. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 3.	3.1	7
74	Atypical cerebellar functional connectivity at 9 months of age predicts delayed socio-communicative profiles in infants at high and low risk for autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1002-1016.	5.2	7
75	Covariate-adjusted region-referenced generalized functional linear model for EEG data. <i>Statistics in Medicine</i> , 2019, 38, 5587-5602.	1.6	6
76	Principle ERP reduction and analysis: Estimating and using principle ERP waveforms underlying ERPs across tasks, subjects and electrodes. <i>NeuroImage</i> , 2020, 212, 116630.	4.2	6
77	Lack of neural evidence for implicit language learning in 9-month-old infants at high risk for autism. <i>Developmental Science</i> , 2021, 24, e13078.	2.4	6
78	Neurobiological Perspectives on Developmental Psychopathology. , 0, , 145-159.		6
79	Early developmental pathways to autism spectrum disorder in tuberous sclerosis complex. <i>Advances in Autism</i> , 2016, 2, 84-93.	1.0	5
80	Joint engagement modulates object discrimination in toddlers: a pilot electrophysiological investigation. <i>Social Neuroscience</i> , 2016, 11, 525-530.	1.3	5
81	Improving Developmental Abilities in Infants With Tuberous Sclerosis Complex. <i>Infants and Young Children</i> , 2020, 33, 108-118.	0.7	5
82	Electrophysiological signatures of brain aging in autism spectrum disorder. <i>Cortex</i> , 2022, 148, 139-151.	2.4	5
83	Early predictors of language skills at 3½ years of age vary based on diagnostic outcome: A baby siblings research consortium study. <i>Autism Research</i> , 0, , .	3.8	5
84	Connectivity in Context: Emphasizing Neurodevelopment in Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2015, 77, 772-774.	1.3	4
85	The Neurodevelopmental and Motor Phenotype of SCA21 (ATX-TMEM240). <i>Journal of Child Neurology</i> , 2020, 35, 953-962.	1.4	4
86	Early concerns in parents of infants at risk for autism. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1410-1416.	2.1	4
87	Multisite Semiautomated Clinical Data Repository for Duplication 15q Syndrome: Study Protocol and Early Uses. <i>JMIR Research Protocols</i> , 2017, 6, e194.	1.0	4
88	Dual orexin receptor antagonists for insomnia in youth with neurodevelopmental disorders: a case series and review. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 527-531.	4.7	4
89	Developmental disorders. <i>Current Opinion in Neurology</i> , 2015, 28, 89-90.	3.6	3
90	Covariate-adjusted hybrid principal components analysis for region-referenced functional EEG data. <i>Statistics and Its Interface</i> , 2022, 15, 209-223.	0.3	3

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91	Multilevel hybrid principal components analysis for regionâ€referenced functional electroencephalography data. <i>Statistics in Medicine</i> , 2022, 41, 3737-3757.	1.6	3
92	Child Neurology: Autism as a model. <i>Neurology</i> , 2009, 73, 733-735.	1.1	2
93	Resting and Task-Modulated High-Frequency Brain Rhythms Measured by Scalp Encephalography in Infants with Tuberous Sclerosis Complex. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 336-353.	2.7	2
94	Inferring Brain Signals Synchronicity From a Sample of EEG Readings. <i>Journal of the American Statistical Association</i> , 2019, 114, 991-1001.	3.1	2
95	Covariate-Adjusted Hybrid Principal Components Analysis. <i>Communications in Computer and Information Science</i> , 2020, , 391-404.	0.5	2
96	Autism today. <i>Neurology</i> , 2017, 88, 1303-1304.	1.1	1
97	A study of longitudinal trends in time-frequency transformations of EEG data during a learning experiment. <i>Computational Statistics and Data Analysis</i> , 2022, 167, 107367.	1.2	1
98	Inaugural annual special section of the intellectual and developmental disabilities research centers: developmental cognitive neuroscience and neurodevelopmental disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 36.	3.1	0
99	Can Preclinical Insights Give Us Hope for Effective Treatments for Epilepsy in 15q11-q13 Duplication Syndrome?. <i>Biological Psychiatry</i> , 2021, 90, 735-737.	1.3	0
100	A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. , 2016, 11, e0167179.		0
101	A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. , 2016, 11, e0167179.		0