

# Shafali S Jeste

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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.   | 2.8 | 4         |
| 2  | Bayesian analysis of longitudinal and multidimensional functional data. <i>Biostatistics</i> , 2022, 23, 558-573.  | 0.9 | 8         |
| 3  | 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.  | 1.7 | 10        |
| 4  | 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.  | 0.7 | 1         |
| 5  | Electrophysiological signatures of brain aging in autism spectrum disorder. <i>Cortex</i> , 2022, 148, 139-151.  | 1.1 | 5         |
| 6  | Covariate-adjusted hybrid principal components analysis for region-referenced functional EEG data. <i>Statistics and Its Interface</i> , 2022, 15, 209-223.  | 0.2 | 3         |
| 7  | 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.  | 2.6 | 28        |
| 8  | 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. | 3.1 | 7         |
| 9  | Multilevel hybrid principal components analysis for region-referenced functional electroencephalography data. <i>Statistics in Medicine</i> , 2022, 41, 3737-3757.   | 0.8 | 3         |
| 10 | Multivariate Neural Connectivity Patterns in Early Infancy Predict Later Autism Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 59-69.  | 1.1 | 28        |
| 11 | 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.  | 1.2 | 14        |
| 12 | 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.  | 1.3 | 6         |
| 13 | Beyond Baby Siblings—Expanding the Definition of “High-Risk Infants” in Autism Research. <i>Current Psychiatry Reports</i> , 2021, 23, 34.   | 2.1 | 8         |
| 14 | Altered Thalamocortical Connectivity in 6-Week-Old Infants at High Familial Risk for Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 4191-4205.   | 1.6 | 21        |
| 15 | Early concerns in parents of infants at risk for autism. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1410-1416.  | 1.1 | 4         |
| 16 | Abnormal sleep physiology in children with 15q11.2-13.1 duplication (Dup15q) syndrome. <i>Molecular Autism</i> , 2021, 12, 54.   | 2.6 | 10        |
| 17 | Resting state EEG in youth with ASD: age, sex, and relation to phenotype. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 33.   | 1.5 | 22        |
| 18 | Can Preclinical Insights Give Us Hope for Effective Treatments for Epilepsy in 15q11-q13 Duplication Syndrome?. <i>Biological Psychiatry</i> , 2021, 90, 735-737.  | 0.7 | 0         |

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|----|---|-----|-----------|
| 19 | Hybrid principal components analysis for region-referenced longitudinal functional EEG data. <i>Biostatistics</i> , 2020, 21, 139-157.  | 0.9 | 23        |
| 20 | Developmental Trajectories of Infants With Multiplex Family Risk for Autism. <i>JAMA Neurology</i> , 2020, 77, 73.  | 4.5 | 30        |
| 21 | Behavioral characterization of dup15q syndrome: Toward meaningful endpoints for clinical trials. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 71-84.  | 0.7 | 21        |
| 22 | The Neurodevelopmental and Motor Phenotype of SCA21 (ATX-TMEM240). <i>Journal of Child Neurology</i> , 2020, 35, 953-962.   | 0.7 | 4         |
| 23 | 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.                                  | 1.9 | 18        |
| 24 | Properties of beta oscillations in Dup15q syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 22.  | 1.5 | 7         |
| 25 | 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.                            | 0.9 | 8         |
| 26 | Improving Developmental Abilities in Infants With Tuberous Sclerosis Complex. <i>Infants and Young Children</i> , 2020, 33, 108-118.  | 0.5 | 5         |
| 27 | Principle ERP reduction and analysis: Estimating and using principle ERP waveforms underlying ERPs across tasks, subjects and electrodes. <i>NeuroImage</i> , 2020, 212, 116630.  | 2.1 | 6         |
| 28 | A telehealth approach to improving clinical trial access for infants with tuberous sclerosis complex. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 3.   | 1.5 | 7         |
| 29 | Quantitative Gait Analysis in Duplication <sc>15q</sc> Syndrome and Nonsyndromic <sc>ASD</sc>. <i>Autism Research</i> , 2020, 13, 1102-1110.  | 2.1 | 11        |
| 30 | 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.  | 1.0 | 32        |
| 31 | 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.                      | 1.0 | 77        |
| 32 | Covariate-Adjusted Hybrid Principal Components Analysis. <i>Communications in Computer and Information Science</i> , 2020, , 391-404.   | 0.4 | 2         |
| 33 | 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. | 1.2 | 190       |
| 34 | Early patterns of functional brain development associated with autism spectrum disorder in tuberous sclerosis complex. <i>Autism Research</i> , 2019, 12, 1758-1773.  | 2.1 | 29        |
| 35 | Mechanisms underlying the EEG biomarker in Dup15q syndrome. <i>Molecular Autism</i> , 2019, 10, 29.   | 2.6 | 31        |
| 36 | Covariate-adjusted region-referenced generalized functional linear model for EEG data. <i>Statistics in Medicine</i> , 2019, 38, 5587-5602.   | 0.8 | 6         |

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|----|---|-----|-----------|
| 37 | Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. <i>Biological Psychiatry</i> , 2019, 85, 752-759.  | 0.7 | 65        |
| 38 | 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.  | 1.1 | 10        |
| 39 | ERP evidence of semantic processing in children with ASD. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100640.   | 1.9 | 34        |
| 40 | 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.   | 0.8 | 27        |
| 41 | Social complexity and the early social environment affect visual social attention to faces. <i>Autism Research</i> , 2019, 12, 445-457.   | 2.1 | 7         |
| 42 | Altered lateralization of dorsal language tracts in 6â€week-old infants at risk for autism. <i>Developmental Science</i> , 2019, 22, e12768.  | 1.3 | 30        |
| 43 | Inferring Brain Signals Synchronicity From a Sample of EEG Readings. <i>Journal of the American Statistical Association</i> , 2019, 114, 991-1001.  | 1.8 | 2         |
| 44 | 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.  | 1.0 | 33        |
| 45 | Interhemispheric alpha-band hypoconnectivity in children with autism spectrum disorder. <i>Behavioural Brain Research</i> , 2018, 348, 227-234.   | 1.2 | 29        |
| 46 | Peak alpha frequency is a neural marker of cognitive function across the autism spectrum. <i>European Journal of Neuroscience</i> , 2018, 47, 643-651.  | 1.2 | 97        |
| 47 | 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. | 1.5 | 0         |
| 48 | Whatâ€™s missing in autism spectrum disorder motor assessments?. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 33.   | 1.5 | 37        |
| 49 | Organized physical activity programs: improving motor and nonâ€motor symptoms in neurodevelopmental disorders. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 856-857.   | 1.1 | 15        |
| 50 | A Multi-Dimensional Functional Principal Components Analysis of EEG Data. <i>Biometrics</i> , 2017, 73, 999-1009.   | 0.8 | 29        |
| 51 | Autism today. <i>Neurology</i> , 2017, 88, 1303-1304.   | 1.5 | 1         |
| 52 | The emergence of autism spectrum disorder. <i>Current Opinion in Psychiatry</i> , 2017, 30, 85-91.  | 3.1 | 69        |
| 53 | Early autism symptoms in infants with tuberous sclerosis complex. <i>Autism Research</i> , 2017, 10, 1981-1990.   | 2.1 | 44        |
| 54 | Multisite Semiautomated Clinical Data Repository for Duplication 15q Syndrome: Study Protocol and Early Uses. <i>JMIR Research Protocols</i> , 2017, 6, e194.   | 0.5 | 4         |

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|----|--|-----|-----------|
| 55 | A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. PLoS ONE, 2016, 11, e0167179.   | 1.1 | 54        |
| 56 | Brain connectivity in autism spectrum disorder. Current Opinion in Neurology, 2016, 29, 137-147.   | 1.8 | 120       |
| 57 | Early developmental pathways to autism spectrum disorder in tuberous sclerosis complex. Advances in Autism, 2016, 2, 84-93.  | 0.6 | 5         |
| 58 | Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. Neurology, 2016, 87, 766-772.  | 1.5 | 89        |
| 59 | Identification of a distinct developmental and behavioral profile in children with Dup15q syndrome. Journal of Neurodevelopmental Disorders, 2016, 8, 19.          | 1.5 | 47        |
| 60 | Clinical trials for neurodevelopmental disorders: At a therapeutic frontier. Science Translational Medicine, 2016, 8, 321fs1.                                      | 5.8 | 43        |
| 61 | 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        |
| 62 | Electroencephalographic patterns during sleep in children with chromosome 15q11.2-13.1 duplications (Dup15q). Epilepsy and Behavior, 2016, 57, 133-136.            | 0.9 | 11        |
| 63 | Robust functional clustering of ERP data with application to a study of implicit learning in autism. Biostatistics, 2016, 17, 484-498.                             | 0.9 | 7         |
| 64 | Joint engagement modulates object discrimination in toddlers: a pilot electrophysiological investigation. Social Neuroscience, 2016, 11, 525-530.                  | 0.7 | 5         |
| 65 | Identifying Longitudinal Trends within EEG Experiments. Biometrics, 2015, 71, 1090-1100.   | 0.8 | 14        |
| 66 | Electrophysiological evidence of heterogeneity in visual statistical learning in young children with <sc>ASD</sc>. Developmental Science, 2015, 18, 90-105.        | 1.3 | 53        |
| 67 | Neurodevelopmental Behavioral and Cognitive Disorders. CONTINUUM Lifelong Learning in Neurology, 2015, 21, 690-714.  | 0.4 | 29        |
| 68 | Connectivity in Context: Emphasizing Neurodevelopment in Autism Spectrum Disorder. Biological Psychiatry, 2015, 77, 772-774.                                       | 0.7 | 4         |
| 69 | Trajectory of frequency stability in typical development. Brain Imaging and Behavior, 2015, 9, 5-18.   | 1.1 | 8         |
| 70 | 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        |
| 71 | Diagnosis and Management of Autism Spectrum Disorder in the Era of Genomics. Pediatric Clinics of North America, 2015, 62, 607-618.                                | 0.9 | 29        |
| 72 | Developmental disorders. Current Opinion in Neurology, 2015, 28, 89-90.  | 1.8 | 3         |

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|----|---|-----|-----------|
| 73 | Electrophysiological biomarkers of diagnosis and outcome in neurodevelopmental disorders. <i>Current Opinion in Neurology</i> , 2015, 28, 110-116.  | 1.8 | 142       |
| 74 | Autism Spectrum Disorder and Epilepsy. <i>Journal of Child Neurology</i> , 2015, 30, 1963-1971.   | 0.7 | 118       |
| 75 | 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. | 1.7 | 2         |
| 76 | Disentangling the heterogeneity of autism spectrum disorder through genetic findings. <i>Nature Reviews Neurology</i> , 2014, 10, 74-81.  | 4.9 | 532       |
| 77 | Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. <i>Neurology</i> , 2014, 83, 160-168.  | 1.5 | 71        |
| 78 | Autism Spectrum Disorders and Race, Ethnicity, and Nativity: A Population-Based Study. <i>Pediatrics</i> , 2014, 134, e63-e71.  | 1.0 | 131       |
| 79 | Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. <i>BMC Medicine</i> , 2013, 11, 54.   | 2.3 | 149       |
| 80 | Impaired Language Pathways in Tuberous Sclerosis Complex Patients with Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2013, 23, 1526-1532.   | 1.6 | 72        |
| 81 | Atypical Face Processing in Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2013, 28, 1569-1576.  | 0.7 | 16        |
| 82 | Loss of White Matter Microstructural Integrity Is Associated with Adverse Neurological Outcome in Tuberous Sclerosis Complex. <i>Academic Radiology</i> , 2012, 19, 17-25.                                      | 1.3 | 111       |
| 83 | The neurology of autism spectrum disorders. <i>Current Opinion in Neurology</i> , 2011, 24, 132-139.  | 1.8 | 90        |
| 84 | Common neurological co-morbidities in autism spectrum disorders. <i>Current Opinion in Pediatrics</i> , 2011, 23, 609-615.  | 1.0 | 83        |
| 85 | 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.  | 0.7 | 36        |
| 86 | Deletions of <i>NRXN1</i> ( <i>neurexin-1</i> ) predispose to a wide spectrum of developmental disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 937-947.  | 1.1 | 217       |
| 87 | Child Neurology: Past, present, and future. <i>Neurology</i> , 2010, 74, e17-9.   | 1.5 | 10        |
| 88 | Diffusion Features of White Matter in Tuberous Sclerosis With Tractography. <i>Pediatric Neurology</i> , 2010, 42, 101-106.   | 1.0 | 59        |
| 89 | Clinical Genetic Testing for Patients With Autism Spectrum Disorders. <i>Pediatrics</i> , 2010, 125, e727-e735.   | 1.0 | 339       |
| 90 | 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.  | 2.4 | 107       |

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|----|---|-----|-----------|
| 91 | Child Neurology: Autism as a model. <i>Neurology</i> , 2009, 73, 733-735.   | 1.5 | 2         |
| 92 | 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.   | 1.7 | 149       |
| 93 | Characterization of Autism in Young Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2008, 23, 520-525.  | 0.7 | 167       |
| 94 | Child Neurology: Chronic inflammatory demyelinating polyradiculoneuropathy in children. <i>Neurology</i> , 2008, 71, e74-8.   | 1.5 | 22        |
| 95 | Cognitive predictors of medication adherence among middle-aged and older outpatients with schizophrenia. <i>Schizophrenia Research</i> , 2003, 63, 49-58.   | 1.1 | 146       |
| 96 | 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. | 2.9 | 72        |
| 97 | Spinal sensory neurons express multiple sodium channel $\alpha$ -subunit mRNAs. <i>Molecular Brain Research</i> , 1996, 43, 117-131.  | 2.5 | 342       |
| 98 | Neurobiological Perspectives on Developmental Psychopathology. , 0, , 145-159.  |     | 6         |
| 99 | Early predictors of language skills at 3 years of age vary based on diagnostic outcome: A baby siblings research consortium study. <i>Autism Research</i> , 0, , .  | 2.1 | 5         |