



Antonio Hardan, M.D.

Professor of Psychiatry and Behavioral Sciences

Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

CLINICAL OFFICE (PRIMARY)

- **Stanford Psychiatry Clinic**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Child and Adolescent Psychiatry

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Autism and Developmental Disabilities Clinic, (2006- present)
- Medical Director, Outpatient Program, Division of Child and Adolescent Psychiatry, (2011- present)
- Director, Division of Child and Adolescent Psychiatry, (2014- present)

PROFESSIONAL EDUCATION

- Internship: St Elizabeth Hospital (1991) DC
- Medical Education: St Joseph's University (1988) Lebanon
- Board Certification: Child and Adolescent Psychiatry, American Board of Psychiatry and Neurology (1997)
- Fellowship: University of Pittsburgh (1996) PA
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (1995)
- Residency: Strong Memorial Hospital (1993) NY

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The neurobiology of autism

Neuroimaging in individuals with autism

Psychopharmacological treatment of children and adults with autism and/or developmental disorders

The neurobiology and innovative interventions of several neurogenic disorders including DiGeorge Syndrome (Velocardiofacial syndrome; 22q11.2 mutations), PTEN mutations, and Phelan McDermid Syndrome (22q13 mutations).

CLINICAL TRIALS

- A Center Based Early Intervention Program for Preschoolers with Developmental Disorders, Recruiting
- A Center Based Study of Pivotal Response Treatment for Preschoolers with Autism, Recruiting
- A Study of Esomeprazole in Children with Autism, Recruiting
- Modified Pivotal Response Treatment for Insistence on Sameness in Autistic Youth, Recruiting
- Natural History Study of Individuals With Autism and Germline Heterozygous PTEN Mutations, Recruiting
- Neuroimaging Predictors of Improvement to Pivotal Response Treatment (PRT) in Young Children with Autism, Recruiting
- Parent-Mediated Intervention Targeting Insistence on Sameness for Autistic Children, Recruiting
- Pilot Trial of Pregnenolone in Autism, Recruiting
- Sleep Restriction Therapy (SRT) for Sleep Problems in Children With Autism, Recruiting
- Transcranial Magnetic Stimulation for Restricted and Repetitive Behavior in ASD, Recruiting
- Trial of Center-Based Vs. In-Home Pivotal Response Treatment (PRT) in Autism, Recruiting
- Trial of Diphenhydramine for Sleep in Children With Autism, Recruiting
- Trial of Suvorexant for Sleep in Children With Autism, Recruiting
- Trial of Zolpidem for Sleep in Children With Autism, Recruiting
- A Study of Esomeprazole in Children With Autism, Not Recruiting
- A Study of N-Acetyl Cysteine in Children With Autism, Not Recruiting
- A Study of Pregnenolone in the Treatment of Individuals With Autism, Not Recruiting
- A Study of RG7314 to Investigate Efficacy and Safety in Individuals With Autism Spectrum Disorders (ASD), Not Recruiting
- An Evaluation of a Developmentally-Based Parent Training Program for Children With Autism, Not Recruiting
- An Open-Label Study of N-Acetyl Cysteine in Children With Autism, Not Recruiting
- Evaluating Parent Delivered Interventions for Children With Autism, Not Recruiting
- Intranasal Vasopressin Treatment in Children With Autism, Not Recruiting
- Parent Training to Enhance Social Success for Children With Autism Spectrum Disorder, Not Recruiting
- Pivotal Response Group Treatment for Parents of Young Children With Autism, Not Recruiting
- Pivotal Response Treatment for Individuals With Intellectual Disabilities, Not Recruiting
- Pivotal Response Treatment Package for Young Children With Autism, Not Recruiting
- The Role of Vasopressin in the Social Deficits of Autism, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Emily Ferguson, Hosanna Kim, Rachel Schuck, Maira Tafolla

Publications

PUBLICATIONS

- **Sleep profiles in individuals with rare neurogenetic syndromes.** *Developmental medicine and child neurology*
Reyes, I. C., Frazier, T. W., Hardan, A. Y., Chetcuti, L., Chawner, S. J., Spackman, E., Uljarević, M., Baker, E. K.
2026
- **Letter to the Editor: 'Key links between autistic characteristics and anxiety symptoms in autistic children and youth': a response to Lai et al. (2026).** *Child and adolescent mental health*
Zaidman-Zait, A., Hollocks, M. J., Kerns, C. M., Magiati, I., McVey, A. J., Smith, I. M., Bedford, R., Bennett, T., Duku, E., Georgiades, S., Richard, A., Vaillancourt, T., Zwaigenbaum, et al
2026
- **Research Review: Emotion regulation in individuals with intellectual disability - an integrative review.** *Journal of child psychology and psychiatry, and allied disciplines*
Ferguson, E. F., Nuske, H. J., Hardan, A. Y., Gross, J. J.
2026
- **Multifaceted Effect of Sleep Problems on Emotion Dysregulation in Individuals with ASD**
Ishii, T., Taweeseedt, P., Gropman, E., Kim, B., Baker, E., Chick, C., Cotto, I., Phillips, J., Jo, B., Hardan, A., Kawai, M., O'Hara, R., Hallmayer, et al
OXFORD UNIV PRESS INC.2026: A424
- **Real-World Data From a Group Parent Management Training Program Enhanced Using Artificial Intelligence: Qualitative Study.** *JMIR formative research*
Rivera-Cepeda, C. F., Pineda, B. S., Vaclavik, D., Bagner, D. M., Hardan, A. Y., Abadi, A., Mostovoy, K., Bunge, E. L.
2026; 10: e91841
- **Are Differences in Social Drive in Childhood and Adolescence Diagnosis Specific? A Multimeasurement Subtyping Approach** *JAACAP OPEN*
Chetcuti, L., Hardan, A., Spackman, E., Loth, E., Mcpartland, J. C., Frazier, T. W., Youngstrom, E. A., Krueger, R. F., Uljarevic, M.
2026; 4 (2): 268-280
- **Genomic modifiers of malignant and neurodevelopmental phenotypes in individuals with PTEN hamartoma tumor syndrome.** *NPJ genomic medicine*
Yehia, L., Li, L., Idumah, G., Frazier, T. W., Makarov, V., Bose, A., Parida, L., Hardan, A., Martinez-Agosto, J. A., Ritter, D. M., Sahin, M., Eng, C., Ni, et al
2026
- **Child Quality of Life as an Outcome Following Pivotal Response Treatment: Findings From Four Randomized Controlled Trials With Autistic Children.** *Journal of autism and developmental disorders*
Schuck, R. K., Ferguson, E. F., Spackman, E. K., Jevtic, E., Millan, M. E., Paszek, K., Komaki, H., Ma, Q., Phillips, J. M., Uljarević, M., Gengoux, G. W., Hardan, A. Y.
2026
- **Factor Structure and Psychometric Properties of the BIS/BAS Scales in Children and Adolescents With Autism.** *Autism research : official journal of the International Society for Autism Research*
Chetcuti, L., Hardan, A., Spackman, E., Smillie, L., Frazier, T. W., Uljarevic, M.
2026
- **Sensitivity Analysis of the Efficacy of Everolimus for Neurocognitive Symptoms in PTEN Hamartoma Tumor Syndrome.** *Advances in therapy*
Liu, Y., Wang, R., Srivastava, S., Jo, B., Frazier, T., Filip-Dhima, R., Eng, C., Hanna, R., Sahin, M., Hardan, A. Y., Zhang, B.

2025

- **Self-injurious behaviors with increased likelihood of injury in autistic youth: The role of distress linked to a strong preference for sameness.** *Autism : the international journal of research and practice*
Ferguson, E. F., Spackman, E., Hardan, A. Y., Uljarević, M.
2025: 13623613251396036
- **Characterizing Transdiagnostic Processes Underlying the Drive to Socially Engage: A Multimeasurement Factor Analytic Investigation** *JAACAP OPEN*
Chetcuti, L., Hardan, A. Y., Spackman, E., Frazier, T. W., Youngstrom, E. A., Uljarevic, M.
2025; 3 (4): 933-946
- **One Size Doesn't Fit All: Variability in Autistic Children's Response to Pivotal Response Treatment** *BEHAVIORAL SCIENCES*
Schuck, R. K., Jevtic, E., Ferguson, E. F., Millan, M., Slap, D. M., Uljarevic, M., Phillips, J. M., Hardan, A. Y., Gengoux, G. W.
2025; 15 (12)
- **One Size Doesn't Fit All: Variability in Autistic Children's Response to Pivotal Response Treatment.** *Behavioral sciences (Basel, Switzerland)*
Schuck, R. K., Jevtić, E., Ferguson, E. F., Millan, M. E., Slap, D. M., Uljarević, M., Phillips, J. M., Hardan, A. Y., Gengoux, G. W.
2025; 15 (12)
- **Factor Structure of the Sleep Disturbance Scale for Children in a Cohort of Youth With Autism.** *Autism research : official journal of the International Society for Autism Research*
Baker, E. K., Spackman, E., Chetcuti, L., Richdale, A. L., Hallmayer, J., Gradisar, M., Hardan, A. Y., Uljarevic, M.
2025
- **COMPREHENSIVE APPROACHES TO SLEEP DISTURBANCES IN YOUTH WITH AUTISM**
Hardan, A. Y., Erickson, C. A.
ELSEVIER SCIENCE INC.2025
- **Neurodevelopmental and Neurologic Manifestations of PTEN Hamartoma Tumor Syndrome: Management Recommendations.** *Neurology. Genetics*
Dhawan, A., Liu, D., Baitamouni, S., Anthony, K., Srivastava, S., Hardan, A. Y., Uljarevic, M., Lachlan, K. L., Frazier, T. W., Busch, R. M., Eng, C.
2025; 11 (5): e200299
- **INNOVATIVE PHARMACOLOGICAL TRIALS TARGETING SLEEP DISTURBANCES IN AUTISM**
Hardan, A. Y., Baker, E., Kawai, M., Taweeseedt, T., Ishii, T., Phillips, J. M., O'Hara, R., Hallmayer, J. F.
ELSEVIER SCIENCE INC.2025
- **Bridging the gap: unveiling key links between autism and anxiety symptoms in autistic children and youth using a network analysis in pooled data from four countries.** *Child and adolescent mental health*
Zaidman-Zait, A., Hollocks, M. J., Kerns, C. M., Magiati, I., McVey, A. J., Smith, I. M., Bedford, R., Bennett, T., Duku, E., Georgiades, S., Richard, A., Vaillancourt, T., Zwaigenbaum, et al
2025
- **Which Score for What? Operationalizing Standardized Cognitive Test Performance for the Assessment of Change.** *American journal on intellectual and developmental disabilities*
Farmer, C., Thurm, A., Das, T., Bebin, E. M., Bernstein, J. A., Berry-Kravis, E., Buxbaum, J. D., Eng, C., Frazier, T., Hardan, A. Y., Kolevzon, A., Krueger, D. A., Martinez-Agosto, et al
2025; 130 (5): 344-361
- **Advancing scientific understanding of the drive to socially engage: from broad constructs to transdiagnostic 'building blocks'.** *Molecular psychiatry*
Chetcuti, L., Hardan, A. Y., Frazier, T. W., Loth, E., McPartland, J. C., Youngstrom, E. A., Uljarevic, M.
2025
- **Neurobehavioral Signatures in Overgrowth Intellectual Disability Syndromes: Dissecting Genotype-Phenotype Relationships in the PI3K-AKT-MTOR Pathway.** *medRxiv : the preprint server for health sciences*
Besterman, A. D., Hellemann, G., Gutierrez-Mejia, I., Nguyen, D. C., Sadik, J., Gandara, V., Bernstein, J. A., Frazier, T., Hardan, A. Y., Eng, C., Sahin, M., Martinez-Agosto, J. A.
2025

- **Challenging Behavior Domains in Individuals With Neurodevelopmental Genetic Syndromes: The Role of Psychological Features.** *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*
Ferguson, E. F., Frazier, T. W., Hardan, A. Y., Uljarević, M.
2025
- **Transdiagnostic Examination of Interrelationships Between Anxiety, Insistence on Sameness and Compulsions.** *Autism research : official journal of the International Society for Autism Research*
Spackman, E., Chetcuti, L., Baker, E. K., Ferguson, E. F., Yerys, B. E., Herrington, J. D., Frazier, T. W., Leekam, S. R., Hardan, A. Y., Harrington, J. W., Uljarević, M.
2025
- **Transdiagnostic Examination of Interrelationships Between Anxiety, Insistence on Sameness and Compulsions** *AUTISM RESEARCH*
Spackman, E., Chetcuti, L., Baker, E. K., Ferguson, E. F., Yerys, B. E., Herrington, J. D., Frazier, T. W., Leekam, S. R., Hardan, A. Y., Harrington, J. W., Uljarevic, M.
2025
- **Placebo Effect in Clinical Trials in Autism: Experience from a Pregnenolone Treatment Study.** *Journal of autism and developmental disorders*
McGrath, J. C., Gong, J., Hegarty, J. P., Fung, L. K., Uljarevic, M., Hardan, A. Y.
2025
- **Maximizing accurate detection of divergence from normative expectation in behavioral intervention outcome assessment** *RESEARCH IN AUTISM*
Frazier, T. W., Huba, K., Frazier, A. R., Womack, R. A., Youngstrom, E. A., Chetcuti, L., Hardan, A. Y., Uljarevic, M.
2025; 126
- **Randomized Controlled Trial of Developmental Reciprocity Treatment in Young Children with Autism.** *Journal of autism and developmental disorders*
Gengoux, G. W., Paszek, K., Millan, M. E., Gong, J., Goodman, R., Guillory, S., Baldi, G., Libove, R., Phillips, J. M., Hardan, A. Y.
2025
- **Factor Structure and Psychometric Properties of the Child Social Preference Scale-3 in Children With Autism.** *Autism research : official journal of the International Society for Autism Research*
Chetcuti, L., Hardan, A. Y., Spackman, E., Baker, E., Frazier, T. W., Uljarevic, M.
2025
- **Characterizing predictors of response to behavioral interventions for children with autism spectrum disorder: A meta-analytic approach.** *Clinical psychology review*
Chetcuti, L., Uljarević, M., Schuck, R. K., Hardan, A. Y., Gengoux, G. W., Trembath, D., Vadgama, Y., Varcin, K. J., Vivanti, G., Whitehouse, A. J., Helton, M., Frazier, T. W.
2025; 119: 102588
- **Parsing the heterogeneity of social motivation in autism.** *Journal of child psychology and psychiatry, and allied disciplines*
Chetcuti, L., Hardan, A. Y., Spackman, E., Loth, E., McPartland, J. C., Frazier, T. W., Youngstrom, E. A., Uljarevic, M.
2025
- **Using Language Environment Analysis System (LENA) in Natural Settings to Characterize Outcomes of Pivotal Response Treatment.** *Journal of autism and developmental disorders*
Ferguson, E. F., Steele, M., Schuck, R. K., Millan, M. E., Libove, R. A., Phillips, J. M., Gengoux, G. W., Hardan, A. Y.
2025
- **Batch Correction and Comparison of Intracellular Signaling Among Multiple Rheumatic and Inflammatory Diseases** *JOURNAL OF PROBABILITY AND STATISTICS*
Holmes, T. H., Couse, M., Rosenberg-Hasson, Y., Fernandez, R., Fernandez, A., Mathi, K., Guthridge, J. M., James, J. A., Yabu, J. M., Haddad, F., Utz, P. J., Hardan, A., Fathman, et al
2025; 2025 (1)
- **Psychometric evaluation of the Autism Symptom Dimensions Questionnaire.** *Developmental medicine and child neurology*
Frazier, T. W., Dimitropoulos, A., Abbeduto, L., Armstrong-Brine, M., Kralovic, S., Shih, A., Hardan, A. Y., Youngstrom, E. A., Uljarević, M.
2024

- **Toward improved understanding and treatment of self-injurious behaviors in autistic individuals with profound intellectual disability.** *Autism research : official journal of the International Society for Autism Research*
Ferguson, E. F., Russell, K. M., Licona, S. J., Cai, R. Y., Frazier, T. W., Vivanti, G., Gengoux, G. W., Hardan, A. Y., Uljarević, M.
2024
- **Remote monitoring of social attention in neurogenetic syndromes and idiopathic neurodevelopmental disability.** *Autism research : official journal of the International Society for Autism Research*
Frazier, T. W., Busch, R. M., Klaas, P., Lachlan, K., Jeste, S., Kolevzon, A., Loth, E., Harris, J., Pepper, T., Anthony, K., Graglia, J. M., Helde, K., Delagrammatikas, et al
2024
- **Exploring the Heterogeneity of Self-Injurious Behaviors in Autistic Youth: Patterns, Predictors, and Implications for Intervention.** *Autism research : official journal of the International Society for Autism Research*
Ferguson, E. F., Spackman, E., Cai, R. Y., Hardan, A. Y., Uljarević, M.
2024
- **Neuromonitoring-guided working memory intervention in children with ADHD** *ISCIENCE*
Jounghani, A., Gozdas, E., Dacorro, L., Avelar-Pereira, B., Reitmaier, S., Fingerhut, H., Hong, D. S., Elliott, G., Hardan, A. Y., Hinshaw, S. P., Hosseini, S.
2024; 27 (11)
- **Neuromonitoring-guided working memory intervention in children with ADHD.** *iScience*
Rahimpour Jounghani, A., Gozdas, E., Dacorro, L., Avelar-Pereira, B., Reitmaier, S., Fingerhut, H., Hong, D. S., Elliott, G., Hardan, A. Y., Hinshaw, S. P., Hosseini, S. M.
2024; 27 (11): 111087
- **Quantifying neurobehavioral profiles across neurodevelopmental genetic syndromes and idiopathic neurodevelopmental disorders.** *Developmental medicine and child neurology*
Frazier, T. W., Busch, R. M., Klaas, P., Lachlan, K., Loth, E., Smith-Hicks, C., Sahin, M., Hardan, A. Y., Uljarevic, M.
2024
- **Characterizing associations between emotion dysregulation, anxiety, and repetitive behaviors in autistic youth with intellectual disability.** *Autism research : official journal of the International Society for Autism Research*
Ferguson, E. F., Spackman, E., Cai, R. Y., Hardan, A. Y., Uljarević, M.
2024
- **Adherence and Opportunity Frequency as Predictors of Communication Outcomes from Pivotal Response Parent Training.** *Journal of autism and developmental disorders*
Minjarez, M. B., Gengoux, G. W., Paszek, K., Liang, J. A., Ardel, C. M., Hardan, A. Y., Frazier, T.
2024
- **Characterising Insistence on Sameness and Circumscribed Interests: A Qualitative Study of Parent Perspectives.** *Journal of autism and developmental disorders*
Spackman, E., Geng, A., Smillie, L. D., Frazier, T. W., Hardan, A. Y., Alvarez, G. A., Whitehouse, A., Schuck, R. K., Leekam, S. R., Uljarević, M.
2024
- **Exploring the neurological features of individuals with germline PTEN variants: A multicenter study.** *Annals of clinical and translational neurology*
Dhawan, A., Baitamouni, S., Liu, D., Busch, R., Klaas, P., Frazier, T. W., Srivastava, S., Parikh, S., Hsich, G. E., Friedman, N. R., Ritter, D. M., Hardan, A. Y., Martinez-Agosto, et al
2024
- **Vasopressin deficiency: a hypothesized driver of both social impairment and fluid imbalance in autism spectrum disorder.** *Molecular psychiatry*
Clarke, L., Gesundheit, N., Sherr, E. H., Hardan, A. Y., Parker, K. J.
2024
- **A Pilot Randomized Controlled Trial of Motivation-Based Social Skills Group Treatment with Parent Training.** *Journal of autism and developmental disorders*
Shkel, J., Geng, A., Pilchak, E., Millan, M. E., Schwartzman, J. M., Schuck, R., Bundang, M. V., Barnowski, A., Slap, D. M., Stratford, S., Hardan, A. Y., Phillips, J. M., Gengoux, et al

2024

- **Precision microbial intervention improves social behavior but not autism severity: A pilot double-blind randomized placebo-controlled trial.** *Cell host & microbe*
Mazzone, L., Dooling, S. W., Volpe, E., Uljarević, M., Waters, J. L., Sabatini, A., Arturi, L., Abate, R., Riccioni, A., Siracusano, M., Pereira, M., Engstrand, L., Cristofori, et al
2023
- **A RESEARCH DOMAIN CRITERIA (RDOC) APPROACH TO CHARACTERIZE SOCIAL COGNITION IN YOUTH WITH ADHD AND ASD**
Hardan, A., Phillips, J. M., Frazier, T., Uljarevic, M.
ELSEVIER SCIENCE INC.2023: S355
- **CHARACTERIZING MECHANISMS UNDERPINNING INSISTENCE ON SAMENESS IN CHILDREN AND ADOLESCENTS WITH ASD**
Pascale, I., Spackman, E., Hardan, A., Uljarevic, M.
ELSEVIER SCIENCE INC.2023: S294-S295
- **DEVELOPMENT AND VALIDATION OF THE DIMENSIONAL ASSESSMENT OF RESTRICTED AND REPETITIVE BEHAVIORS**
Uljarevic, M., Hardan, A.
ELSEVIER SCIENCE INC.2023: S399
- **ADVANCING UNDERSTANDING OF NEURODEVELOPMENTAL AND NEUROPSYCHIATRIC DISORDERS THROUGH NOVEL ASSESSMENTS**
Uljarevic, M., Scahill, L., Hardan, A.
ELSEVIER SCIENCE INC.2023: S398
- **CHARACTERIZING MECHANISMS UNDERPINNING INSISTENCE ON SAMENESS IN CHILDREN AND ADOLESCENTS WITH ASD**
Pascale, I., Spackman, E., Hardan, A., Uljarevic, M.
ELSEVIER SCIENCE INC.2023: S294-S295
- **DEVELOPMENT AND VALIDATION OF THE DIMENSIONAL ASSESSMENT OF RESTRICTED AND REPETITIVE BEHAVIORS**
Uljarevic, M., Hardan, A.
ELSEVIER SCIENCE INC.2023: S399
- **Characterizing subdomains of insistence on sameness in autistic youth.** *Autism research : official journal of the International Society for Autism Research*
Spackman, E., Smillie, L. D., Frazier, T. W., Hardan, A. Y., Uljarevic, M.
2023
- **Electronic health records identify timely trends in childhood mental health conditions.** *Child and adolescent psychiatry and mental health*
Elia, J., Pajer, K., Prasad, R., Pumariega, A., Maltenfort, M., Utidjian, L., Shenkman, E., Kelleher, K., Rao, S., Margolis, P. A., Christakis, D. A., Hardan, A. Y., Ballard, et al
2023; 17 (1): 107
- **Development of webcam-collected and artificial-intelligence-derived social and cognitive performance measures for neurodevelopmental genetic syndromes.** *American journal of medical genetics. Part C, Seminars in medical genetics*
Frazier, T. W., Busch, R. M., Klaas, P., Lachlan, K., Jeste, S., Kolevzon, A., Loth, E., Harris, J., Speer, L., Pepper, T., Anthony, K., J Michael, G., Delagrammatikas, et al
2023
- **Anxiety, concerns and COVID-19: Cross-country perspectives from families and individuals with neurodevelopmental conditions.** *Journal of global health*
Sideropoulos, V., Van Herwegen, J., Meuleman, B., Alessandri, M., Alnemary, F. M., Rad, J. A., Lavenex, P. A., Bolshakov, N., Bolte, S., Buffle, P., Cai, R. Y., Campos, R., Chirita-Emandi, et al
2023; 13: 04081
- **A Twin Study of Altered White Matter Heritability in Youth With Autism Spectrum Disorder.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hegarty, J. P., Monterrey, J. C., Tian, Q., Cleveland, S. C., Gong, X., Phillips, J. M., Wolke, O., McNab, J. A., Hallmayer, J., Reiss, A. L., Hardan, A. Y., Lazzeroni, L. C.
2023
- **Categorical versus dimensional structure of autism spectrum disorder: A multi-method investigation.** *JCPP advances*

- Frazier, T. W., Chetcuti, L., Al-Shaban, F. A., Haslam, N., Ghazal, I., Klingemier, E. W., Aldosari, M., Whitehouse, A. J., Youngstrom, E. A., Hardan, A. Y., Uljarevic, M.
2023; 3 (2): e12142
- **Arriving at the empirically based conceptualization of restricted and repetitive behaviors: A systematic review and meta-analytic examination of factor analyses.** *Clinical psychology review*
Uljarevic, M., Spackman, E. K., Whitehouse, A. J., Frazier, T. W., Billingham, W., Condrón, P., Hardan, A., Leekam, S. R.
2023; 103: 102286
 - **Reliability of the Commonly Used and Newly-Developed Autism Measures.** *Journal of autism and developmental disorders*
Frazier, T. W., Whitehouse, A. J., Leekam, S. R., Carrington, S. J., Alvares, G. A., Evans, D. W., Hardan, A. Y., Uljarević, M.
2023
 - **Longitudinal neurobehavioral profiles in children and young adults with PTEN hamartoma tumor syndrome and reliable methods for assessing neurobehavioral change.** *Journal of neurodevelopmental disorders*
Busch, R. M., Frazier, T. W., Sonneborn, C., Hogue, O., Klaas, P., Srivastava, S., Hardan, A. Y., Martínez-Agosto, J. A., Sahin, M., Eng, C.
2023; 15 (1): 3
 - **The Autism Symptom Dimensions Questionnaire: Development and psychometric evaluation of a new, open-source measure of autism symptomatology.** *Developmental medicine and child neurology*
Frazier, T. W., Dimitropoulos, A., Abbeduto, L., Armstrong-Brine, M., Kralovic, S., Shih, A., Hardan, A. Y., Youngstrom, E. A., Uljarevic, M., Quadrant Biosciences - As You Are Team, Speer, L., Wagner, K., West, K., et al
2023
 - **Profiles of circumscribed interests in autistic youth.** *Frontiers in behavioral neuroscience*
Spackman, E., Smillie, L. D., Frazier, T. W., Hardan, A. Y., Alvares, G. A., Whitehouse, A., Uljarevic, M.
2023; 17: 1037967
 - **Dimensional Assessment of Restricted and Repetitive Behaviors: Development and Preliminary Validation of a New Measure.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Uljarević, M., Frazier, T. W., Jo, B., Scahill, L., Youngstrom, E. A., Spackman, E., Phillips, J. M., Billingham, W., Hardan, A.
2022
 - **Characterizing restricted and unusual interests in autistic youth.** *Autism research : official journal of the International Society for Autism Research*
Spackman, E., Smillie, L., Frazier, T. W., Hardan, A. Y., Alvares, G. A., Whitehouse, A., Uljarević, M.
2022
 - **Sleep architecture is associated with core symptom severity in autism spectrum disorder.** *Sleep*
Kawai, M., Buck, C., Chick, C. F., Anker, L., Talbot, L., Schneider, L., Linkovski, O., Cotto, I., Parker-Fong, K., Phillips, J., Hardan, A., Hallmayer, J., O'Hara, et al
2022
 - **Maladaptive behaviors in children with autism and parental hopelessness: The moderating role of parental reflective functioning.** *Autism research : official journal of the International Society for Autism Research*
Enav, Y., Knudtson, M. V., Hardan, A. Y., Gross, J. J.
2022
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