

David R Hessel

List of Publications by Year in descending order

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77
papers

5,722
citations

81743

39
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79541

73
g-index

78
all docs

78
docs citations

78
times ranked

3318
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Assessing processing speed among individuals with intellectual and developmental disabilities: A match-to-sample paradigm. <i>Child Neuropsychology</i> , 2022, 28, 1-13. | 0.8 | 3 |
| 2 | Clinical and Molecular Correlates of Abnormal Changes in the Cerebellum and Globus Pallidus in Fragile X Premutation. <i>Frontiers in Neurology</i> , 2022, 13, 797649. | 1.1 | 7 |
| 3 | Neuropsychological changes in FMR1 premutation carriers and onset of fragile X-associated tremor/ataxia syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, 23. | 1.5 | 8 |
| 4 | Prosaccade and Antisaccade Behavior in Fragile X-associated Tremor/Ataxia Syndrome Progression. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 473-478. | 0.8 | 1 |
| 5 | Using the <scp>NIH</scp> Toolbox to Assess Cognition in Adolescents and Young Adults with Autism Spectrum Disorders. <i>Autism Research</i> , 2021, 14, 500-511. | 2.1 | 9 |
| 6 | Emergence of Developmental Delay in Infants and Toddlers With an <i>FMR1</i> Mutation. <i>Pediatrics</i> , 2021, 147, . | 1.0 | 16 |
| 7 | Metabolomic Biomarkers Are Associated With Area of the Pons in Fragile X Premutation Carriers at Risk for Developing FXTAS. <i>Frontiers in Psychiatry</i> , 2021, 12, 691717. | 1.3 | 2 |
| 8 | Fear Potentiated Startle in Children With Autism Spectrum Disorder: Association With Anxiety Symptoms and Amygdala Volume. <i>Autism Research</i> , 2021, 14, 450-463. | 2.1 | 12 |
| 9 | Interaction between ventricular expansion and structural changes in the corpus callosum and putamen in males with FMR1 normal and premutation alleles. <i>Neurobiology of Aging</i> , 2020, 86, 27-38. | 1.5 | 10 |
| 10 | Cognitive Training Deep Dive: The Impact of Child, Training Behavior and Environmental Factors within a Controlled Trial of Cogmed for Fragile X Syndrome. <i>Brain Sciences</i> , 2020, 10, 671. | 1.1 | 7 |
| 11 | Women with Fragile X-associated Tremor/Ataxia Syndrome. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 910-919. | 0.8 | 13 |
| 12 | Response to Placebo in Fragile X Syndrome Clinical Trials: An Initial Analysis. <i>Brain Sciences</i> , 2020, 10, 629. | 1.1 | 21 |
| 13 | Soy-Based Infant Formula is Associated with an Increased Prevalence of Comorbidities in Fragile X Syndrome. <i>Nutrients</i> , 2020, 12, 3136. | 1.7 | 13 |
| 14 | Metabolic profiling reveals dysregulated lipid metabolism and potential biomarkers associated with the development and progression of Fragile X-associated Tremor/Ataxia Syndrome (FXTAS). <i>FASEB Journal</i> , 2020, 34, 16676-16692. | 0.2 | 11 |
| 15 | Validation of the NIH Toolbox Cognitive Battery in intellectual disability. <i>Neurology</i> , 2020, 94, e1229-e1240. | 1.5 | 44 |
| 16 | FMR1 locus isoforms: potential biomarker candidates in fragile X-associated tremor/ataxia syndrome (FXTAS). <i>Scientific Reports</i> , 2020, 10, 11099. | 1.6 | 11 |
| 17 | Effects of mavoglurant on visual attention and pupil reactivity while viewing photographs of faces in Fragile X Syndrome. <i>PLoS ONE</i> , 2019, 14, e0209984. | 1.1 | 22 |
| 18 | Executive Function in Fragile X Syndrome: A Systematic Review. <i>Brain Sciences</i> , 2019, 9, 15. | 1.1 | 31 |

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|----|---|------|-----------|
| 19 | Cognitive training for children and adolescents with fragile X syndrome: a randomized controlled trial of Cogmed. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 4. | 1.5 | 23 |
| 20 | Voice of People with Fragile X Syndrome and Their Families: Reports from a Survey on Treatment Priorities. <i>Brain Sciences</i> , 2019, 9, 18. | 1.1 | 30 |
| 21 | Extending the Parent-Delivered Early Start Denver Model to Young Children with Fragile X Syndrome. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 1250-1266. | 1.7 | 27 |
| 22 | Standardized Assessment Accommodations for Individuals with Intellectual Disability. <i>Contemporary School Psychology</i> , 2018, 22, 443-457. | 0.9 | 19 |
| 23 | Age- and CGG repeat-related slowing of manual movement in fragile X carriers: A prodrome of fragile X-associated tremor ataxia syndrome?. <i>Movement Disorders</i> , 2018, 33, 628-636. | 2.2 | 13 |
| 24 | Effect of the mGluR5-NAM Basimglurant on Behavior in Adolescents and Adults with Fragile X Syndrome in a Randomized, Double-Blind, Placebo-Controlled Trial: FragXis Phase 2 Results. <i>Neuropsychopharmacology</i> , 2018, 43, 503-512. | 2.8 | 102 |
| 25 | Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 280-299. | 21.5 | 247 |
| 26 | Best Practices in Fragile X Syndrome Treatment Development. <i>Brain Sciences</i> , 2018, 8, 224. | 1.1 | 37 |
| 27 | Assessment of Molecular Measures in Non-FXTAS Male Premutation Carriers. <i>Frontiers in Genetics</i> , 2018, 9, 302. | 1.1 | 4 |
| 28 | Presence of Middle Cerebellar Peduncle Sign in FMR1 Premutation Carriers Without Tremor and Ataxia. <i>Frontiers in Neurology</i> , 2018, 9, 695. | 1.1 | 13 |
| 29 | Middle Cerebellar Peduncle Width—A Novel MRI Biomarker for FXTAS?. <i>Frontiers in Neuroscience</i> , 2018, 12, 379. | 1.4 | 16 |
| 30 | Computerized Cognitive Training in Children With Autism and Intellectual Disabilities: Feasibility and Satisfaction Study. <i>JMIR Mental Health</i> , 2018, 5, e40. | 1.7 | 18 |
| 31 | Clinical and molecular correlates in fragile X premutation females. <i>ENeurologicalSci</i> , 2017, 7, 49-56. | 0.5 | 13 |
| 32 | Abnormal trajectories in cerebellum and brainstem volumes in carriers of the fragile X premutation. <i>Neurobiology of Aging</i> , 2017, 55, 11-19. | 1.5 | 46 |
| 33 | Fragile X targeted pharmacotherapy: lessons learned and future directions. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 7. | 1.5 | 99 |
| 34 | Updated report on tools to measure outcomes of clinical trials in fragile X syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 14. | 1.5 | 123 |
| 35 | A randomized double-blind, placebo-controlled trial of ganaxolone in children and adolescents with fragile X syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 26. | 1.5 | 67 |
| 36 | Fragile X-associated tremor/ataxia syndrome: another phenotype of the fragile X gene. <i>Clinical Neuropsychologist</i> , 2016, 30, 810-814. | 1.5 | 7 |

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|----|---|-----|-----------|
| 37 | Psychiatric disorders among women with the fragile X premutation without children affected by fragile X syndrome. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 1139-1147. | 1.1 | 21 |
| 38 | The NIH Toolbox Cognitive Battery for intellectual disabilities: three preliminary studies and future directions. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 35. | 1.5 | 96 |
| 39 | Aging in Fragile X Premutation Carriers. <i>Cerebellum</i> , 2016, 15, 587-594. | 1.4 | 14 |
| 40 | A feasibility trial of Cogmed working memory training in fragile X syndrome. <i>Journal of Pediatric Genetics</i> , 2015, 03, 147-156. | 0.3 | 13 |
| 41 | Anxiety disorders in fragile X premutation carriers: Preliminary characterization of probands and non-probands. <i>Intractable and Rare Diseases Research</i> , 2015, 4, 123-130. | 0.3 | 39 |
| 42 | Improving IQ measurement in intellectual disabilities using true deviation from population norms. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 16. | 1.5 | 111 |
| 43 | The Autism Spectrum Disorders Stem Cell Resource at Children's Hospital of Orange County: Implications for Disease Modeling and Drug Discovery. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1275-1286. | 1.6 | 24 |
| 44 | Fragile X-Associated Tremor/Ataxia Syndrome. <i>JAMA Neurology</i> , 2013, 70, 1022. | 4.5 | 64 |
| 45 | Electrocortical changes associated with minocycline treatment in fragile X syndrome. <i>Journal of Psychopharmacology</i> , 2013, 27, 956-963. | 2.0 | 92 |
| 46 | Outcome Measures for Clinical Trials in Fragile X Syndrome. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2013, 34, 508-522. | 0.6 | 136 |
| 47 | Fragile X Syndrome: Psychiatric Manifestations, Assessment and Emerging Therapies. <i>Current Psychiatry Reviews</i> , 2013, 9, 53-58. | 0.9 | 16 |
| 48 | Age-Dependent Structural Connectivity Effects in Fragile X Premutation. <i>Archives of Neurology</i> , 2012, 69, 482-9. | 4.9 | 51 |
| 49 | Effects of STX209 (Arbaclofen) on Neurobehavioral Function in Children and Adults with Fragile X Syndrome: A Randomized, Controlled, Phase 2 Trial. <i>Science Translational Medicine</i> , 2012, 4, 152ra127. | 5.8 | 289 |
| 50 | Feasibility, reliability, and clinical validity of the Test of Attentional Performance for Children (KiTAP) in Fragile X syndrome (FXS). <i>Journal of Neurodevelopmental Disorders</i> , 2012, 4, 2. | 1.5 | 47 |
| 51 | Male Carriers of the FMR1 Premutation Show Altered Hippocampal-Prefrontal Function During Memory Encoding. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 297. | 1.0 | 25 |
| 52 | Decreased Fragile X Mental Retardation Protein Expression Underlies Amygdala Dysfunction in Carriers of the Fragile X Premutation. <i>Biological Psychiatry</i> , 2011, 70, 859-865. | 0.7 | 88 |
| 53 | Reliability of Eye Tracking and Pupillometry Measures in Individuals with Fragile X Syndrome. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 1515-1522. | 1.7 | 60 |
| 54 | Clinical assessment of DSM-IV anxiety disorders in fragile X syndrome: prevalence and characterization. <i>Journal of Neurodevelopmental Disorders</i> , 2011, 3, 57-67. | 1.5 | 269 |

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|----|---|-----|-----------|
| 55 | Lifetime Prevalence of Mood and Anxiety Disorders in Fragile X Premutation Carriers. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 175-182. | 1.1 | 162 |
| 56 | Advances in the Treatment of Fragile X Syndrome. <i>Pediatrics</i> , 2009, 123, 378-390. | 1.0 | 513 |
| 57 | Prepulse inhibition in fragile X syndrome: Feasibility, reliability, and implications for treatment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 545-553. | 1.1 | 68 |
| 58 | Brief Report: Visual Processing of Faces in Individuals with Fragile X Syndrome: An Eye Tracking Study. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 946-952. | 1.7 | 73 |
| 59 | A solution to limitations of cognitive testing in children with intellectual disabilities: the case of fragile X syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 33-45. | 1.5 | 156 |
| 60 | A Review of Fragile X Premutation Disorders. <i>Journal of Clinical Psychiatry</i> , 2009, 70, e1-e11. | 1.1 | 119 |
| 61 | A Review of Fragile X Premutation Disorders. <i>Journal of Clinical Psychiatry</i> , 2009, 70, 852-862. | 1.1 | 154 |
| 62 | Brief Report: Aggression and Stereotypic Behavior in Males with Fragile X Syndrome—Moderating Secondary Genes in a “Single Gene” Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 184-189. | 1.7 | 89 |
| 63 | Reduced Hippocampal Activation During Recall is Associated with Elevated FMR1 mRNA and Psychiatric Symptoms in Men with the Fragile X Premutation. <i>Brain Imaging and Behavior</i> , 2008, 2, 105-116. | 1.1 | 54 |
| 64 | The primary cognitive deficit among males with fragile X-associated tremor/ataxia syndrome (FXTAS) is a dysexecutive syndrome. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 853-869. | 0.8 | 83 |
| 65 | Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome. <i>Neuropsychology</i> , 2008, 22, 48-60. | 1.0 | 167 |
| 66 | Amygdala dysfunction in men with the fragile X premutation. <i>Brain</i> , 2007, 130, 404-416. | 3.7 | 125 |
| 67 | Progression of tremor and ataxia in male carriers of the FMR1 premutation. <i>Movement Disorders</i> , 2007, 22, 203-206. | 2.2 | 134 |
| 68 | Impairment of executive cognitive functioning in males with fragile X-associated tremor/ataxia syndrome. <i>Movement Disorders</i> , 2007, 22, 645-650. | 2.2 | 84 |
| 69 | Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. <i>General Hospital Psychiatry</i> , 2007, 29, 349-356. | 1.2 | 83 |
| 70 | Autism Spectrum Disorders and Attention-Deficit/Hyperactivity Disorder in Boys with the Fragile X Premutation. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2006, 27, S137-S144. | 0.6 | 292 |
| 71 | Social behavior and cortisol reactivity in children with fragile X syndrome. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 602-610. | 3.1 | 111 |
| 72 | Abnormal elevation of FMR1 mRNA is associated with psychological symptoms in individuals with the fragile X premutation. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 139B, 115-121. | 1.1 | 215 |

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|----|---|-----|-----------|
| 73 | The neuroanatomy and neuroendocrinology of fragile X syndrome. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2004, 10, 17-24. | 3.5 | 137 |
| 74 | Factors Associated with Parenting Stress in Mothers of Children with Fragile X Syndrome. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2003, 24, 267-275. | 0.6 | 120 |
| 75 | fMRI Study of Cognitive Interference Processing in Females with Fragile X Syndrome. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 160-171. | 1.1 | 67 |
| 76 | Neurobehavioral phenotype in carriers of the fragile X premutation. <i>American Journal of Medical Genetics Part A</i> , 2001, 103, 314-319. | 2.4 | 116 |
| 77 | The International Fragile X Premutation Registry: building a resource for research and clinical trial readiness. <i>Journal of Medical Genetics</i> , 0, , jmedgenet-2022-108568. | 1.5 | 0 |