David R Hessl

List of Publications by Year
in descending order

77 papers	5,722 citations	81900 39 h-index	79698 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. Child Neuropsychology, 2022, 28, 1-13.	1.3	3
2	Clinical and Molecular Correlates of Abnormal Changes in the Cerebellum and Globus Pallidus in Fragile X Premutation. Frontiers in Neurology, 2022, 13, 797649.	2.4	7
3	Neuropsychological changes in FMR1 premutation carriers and onset of fragile X-associated tremor/ataxia syndrome. Journal of Neurodevelopmental Disorders, 2022, 14, 23.	3.1	8
4	Prosaccade and Antisaccade Behavior in Fragile Xâ€associated Tremor/Ataxia Syndrome Progression. Movement Disorders Clinical Practice, 2022, 9, 473-478.	1.5	1
5	Using the <scp>NIH</scp> Toolbox to Assess Cognition in Adolescents and Young Adults with Autism Spectrum Disorders. Autism Research, 2021, 14, 500-511.	3.8	9
6	Emergence of Developmental Delay in Infants and Toddlers With an FMR1 Mutation. Pediatrics, 2021, 147, .	2.1	16
7	Metabolomic Biomarkers Are Associated With Area of the Pons in Fragile X Premutation Carriers at Risk for Developing FXTAS. Frontiers in Psychiatry, 2021, 12, 691717.	2.6	2
8	Fear Potentiated Startle in Children With Autism Spectrum Disorder: Association With Anxiety Symptoms and Amygdala Volume. Autism Research, 2021, 14, 450-463.	3.8	12
9	Interaction between ventricular expansion and structural changes in the corpus callosum and putamen in males with FMR1 normal and premutation alleles. Neurobiology of Aging, 2020, 86, 27-38.	3.1	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. Brain Sciences, 2020, 10, 671.	2.3	7
11	Women with Fragile Xâ€“associated Tremor/Ataxia Syndrome. Movement Disorders Clinical Practice, 2020, 7, 910-919.	1.5	13
12	Response to Placebo in Fragile X Syndrome Clinical Trials: An Initial Analysis. Brain Sciences, 2020, 10, 629.	2.3	21
13	Soy-Based Infant Formula is Associated with an Increased Prevalence of Comorbidities in Fragile X Syndrome. Nutrients, 2020, 12, 3136.	4.1	13
14	Metabolic profiling reveals dysregulated lipid metabolism and potential biomarkers associated with the development and progression of Fragile Xâ€Associated Tremor/Ataxia Syndrome (FXTAS). FASEB Journal, 2020, 34, 16676-16692.	0.5	11
15	Validation of the NIH Toolbox Cognitive Battery in intellectual disability. Neurology, 2020, 94, e1229-e1240.	1.1	44
16	FMR1 locus isoforms: potential biomarker candidates in fragile X-associated tremor/ataxia syndrome (FXTAS). Scientific Reports, 2020, 10, 11099.	3.3	11
17	Effects of mavoglurant on visual attention and pupil reactivity while viewing photographs of faces in Fragile X Syndrome. PLoS ONE, 2019, 14, e0209984.	2.5	22
18	Executive Function in Fragile X Syndrome: A Systematic Review. Brain Sciences, 2019, 9, 15.	2.3	31

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19	Cognitive training for children and adolescents with fragile X syndrome: a randomized controlled trial of Cogmed. Journal of Neurodevelopmental Disorders, 2019, 11, 4.	3.1	23
20	Voice of People with Fragile X Syndrome and Their Families: Reports from a Survey on Treatment Priorities. Brain Sciences, 2019, 9, 18.	2.3	30
21	Extending the Parent-Delivered Early Start Denver Model to Young Children with Fragile X Syndrome. Journal of Autism and Developmental Disorders, 2019, 49, 1250-1266.	2.7	27
22	Standardized Assessment Accommodations for Individuals with Intellectual Disability. Contemporary School Psychology, 2018, 22, 443-457.	1.3	19
23	Ageâ€•and CGG repeatâ€related slowing of manual movement in fragile X carriers: A prodrome of fragile Xâ€associated tremor ataxia syndrome?. Movement Disorders, 2018, 33, 628-636.	3.9	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. Neuropsychopharmacology, 2018, 43, 503-512.	5.4	102
25	Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. Nature Reviews Drug Discovery, 2018, 17, 280-299.	46.4	247
26	Best Practices in Fragile X Syndrome Treatment Development. Brain Sciences, 2018, 8, 224.	2.3	37
27	Assessment of Molecular Measures in Non-FXTAS Male Premutation Carriers. Frontiers in Genetics, 2018, 9, 302.	2.3	4
28	Presence of Middle Cerebellar Peduncle Sign in FMR1 Premutation Carriers Without Tremor and Ataxia. Frontiers in Neurology, 2018, 9, 695.	2.4	13
29	Middle Cerebellar Peduncle Widthâ€"A Novel MRI Biomarker for FXTAS?. Frontiers in Neuroscience, 2018, 12, 379.	2.8	16
30	Computerized Cognitive Training in Children With Autism and Intellectual Disabilities: Feasibility and Satisfaction Study. JMIR Mental Health, 2018, 5, e40.	3.3	18
31	Clinical and molecular correlates in fragile X premutation females. ENeurologicalSci, 2017, 7, 49-56.	1.3	13
32	Abnormal trajectories in cerebellum and brainstem volumes in carriers of the fragile X premutation. Neurobiology of Aging, 2017, 55, 11-19.	3.1	46
33	Fragile X targeted pharmacotherapy: lessons learned and future directions. Journal of Neurodevelopmental Disorders, 2017, 9, 7.	3.1	99
34	Updated report on tools to measure outcomes of clinical trials in fragile X syndrome. Journal of Neurodevelopmental Disorders, 2017, 9, 14.	3.1	123
35	A randomized double-blind, placebo-controlled trial of ganaxolone in children and adolescents with fragile X syndrome. Journal of Neurodevelopmental Disorders, 2017, 9, 26.	3.1	67
36	Fragile X-associated tremor/ataxia syndrome: another phenotype of the fragile X gene. Clinical Neuropsychologist, 2016, 30, 810-814.	2.3	7

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37	Psychiatric disorders among women with theâ€‰fragile X premutation without children affected by fragile X syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 1139-1147.	1.7	21
38	The NIH Toolbox Cognitive Battery for intellectual disabilities: three preliminary studies and future directions. Journal of Neurodevelopmental Disorders, 2016, 8, 35.	3.1	96
39	Aging in Fragile X Premutation Carriers. Cerebellum, 2016, 15, 587-594.	2.5	14
40	A feasibility trial of Cogmed working memory training in fragile X syndrome. Journal of Pediatric Genetics, 2015, 03, 147-156.	0.7	13
41	Anxiety disorders in fragile X premutation carriers: Preliminary characterization of probands and non-probands. Intractable and Rare Diseases Research, 2015, 4, 123-130.	0.9	39
42	Improving IQ measurement in intellectual disabilities using true deviation from population norms. Journal of Neurodevelopmental Disorders, 2014, 6, 16.	3.1	111
43	The Autism Spectrum Disorders Stem Cell Resource at Children's Hospital of Orange County: Implications for Disease Modeling and Drug Discovery. Stem Cells Translational Medicine, 2014, 3, 1275-1286.	3.3	24
44	Fragile Xâ€“Associated Tremor/Ataxia Syndrome. JAMA Neurology, 2013, 70, 1022.	9.0	64
45	Electrocortical changes associated with minocycline treatment in fragile X syndrome. Journal of Psychopharmacology, 2013, 27, 956-963.	4.0	92
46	Outcome Measures for Clinical Trials in Fragile X Syndrome. Journal of Developmental and Behavioral Pediatrics, 2013, 34, 508-522.	1.1	136
47	Fragile X Syndrome: Psychiatric Manifestations, Assessment and Emerging Therapies. Current Psychiatry Reviews, 2013, 9, 53-58.	0.9	16
48	Age-Dependent Structural Connectivity Effects in Fragile X Premutation. Archives of Neurology, 2012, 69, 482-9.	4.5	51
49	Effects of STX209 (Arbaclofen) on Neurobehavioral Function in Children and Adults with Fragile X Syndrome: A Randomized, Controlled, Phase 2 Trial. Science Translational Medicine, 2012, 4, 152ra127.	12.4	289
50	Feasibility, reliability, and clinical validity of the Test of Attentional Performance for Children (KiTAP) in Fragile X syndrome (FXS). Journal of Neurodevelopmental Disorders, 2012, 4, 2.	3.1	47
51	Male Carriers of the FMR1 Premutation Show Altered Hippocampal-Prefrontal Function During Memory Encoding. Frontiers in Human Neuroscience, 2012, 6, 297.	2.0	25
52	Decreased Fragile X Mental Retardation Protein Expression Underlies Amygdala Dysfunction in Carriers of the Fragile X Premutation. Biological Psychiatry, 2011, 70, 859-865.	1.3	88
53	Reliability of Eye Tracking and Pupillometry Measures in Individuals with Fragile X Syndrome. Journal of Autism and Developmental Disorders, 2011, 41, 1515-1522.	2.7	60
54	Clinical assessment of DSM-IV anxiety disorders in fragile X syndrome: prevalence and characterization. Journal of Neurodevelopmental Disorders, 2011, 3, 57-67.	3.1	269

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55	Lifetime Prevalence of Mood and Anxiety Disorders in Fragile X Premutation Carriers. Journal of Clinical Psychiatry, 2011, 72, 175-182.	2.2	162
56	Advances in the Treatment of Fragile X Syndrome. Pediatrics, 2009, 123, 378-390.	2.1	513
57	Prepulse inhibition in fragile X syndrome: Feasibility, reliability, and implications for treatment. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 545-553.	1.7	68
58	Brief Report: Visual Processing of Faces in Individuals with Fragile X Syndrome: An Eye Tracking Study. Journal of Autism and Developmental Disorders, 2009, 39, 946-952.	2.7	73
59	A solution to limitations of cognitive testing in children with intellectual disabilities: the case of fragile X syndrome. Journal of Neurodevelopmental Disorders, 2009, 1, 33-45.	3.1	156
60	A Review of Fragile X Premutation Disorders. Journal of Clinical Psychiatry, 2009, 70, e1-e11.	2.2	119
61	A Review of Fragile X Premutation Disorders. Journal of Clinical Psychiatry, 2009, 70, 852-862.	2.2	154
62	Brief Report: Aggression and Stereotypic Behavior in Males with Fragile X Syndromeâ€"Moderating Secondary Genes in a â€œSingle Geneâ€•Disorder. Journal of Autism and Developmental Disorders, 2008, 38, 184-189.	2.7	89
63	Reduced Hippocampal Activation During Recall is Associated with Elevated FMR1 mRNA and Psychiatric Symptoms in Men with the Fragile X Premutation. Brain Imaging and Behavior, 2008, 2, 105-116.	2.1	54
64	The primary cognitive deficit among males with fragile X-associated tremor/ataxia syndrome (FXTAS) is a dysexecutive syndrome. Journal of Clinical and Experimental Neuropsychology, 2008, 30, 853-869.	1.3	83
65	Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome.. Neuropsychology, 2008, 22, 48-60.	1.3	167
66	Amygdala dysfunction in men with the fragile X premutation. Brain, 2007, 130, 404-416.	7.6	125
67	Progression of tremor and ataxia in male carriers of theFMR1 premutation. Movement Disorders, 2007, 22, 203-206.	3.9	134
68	Impairment of executive cognitive functioning in males with fragile X-associated tremor/ataxia syndrome. Movement Disorders, 2007, 22, 645-650.	3.9	84
69	Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. General Hospital Psychiatry, 2007, 29, 349-356.	2.4	83
70	Autism Spectrum Disorders and Attention-Deficit/Hyperactivity Disorder in Boys with the Fragile X Premutation. Journal of Developmental and Behavioral Pediatrics, 2006, 27, S137-S144.	1.1	292
71	Social behavior and cortisol reactivity in children with fragile X syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 602-610.	5.2	111
72	Abnormal elevation ofFMR1 mRNA is associated with psychological symptoms in individuals with the fragile X premutation. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 139B, 115-121.	1.7	215

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73	The neuroanatomy and neuroendocrinology of fragile X syndrome. Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 17-24.	3.6	137
74	Factors Associated with Parenting Stress in Mothers of Children with Fragile X Syndrome. Journal of Developmental and Behavioral Pediatrics, 2003, 24, 267-275.	1.1	120
75	fMRI Study of Cognitive Interference Processing in Females with Fragile X Syndrome. Journal of Cognitive Neuroscience, 2002, 14, 160-171.	2.3	67
76	Neurobehavioral phenotype in carriers of the fragile X premutation. American Journal of Medical Genetics Part A, 2001, 103, 314-319.	2.4	116
77	The International Fragile X Premutation Registry: building a resource for research and clinical trial readiness. Journal of Medical Genetics, 0, , jmedgenet-2022-108568.	3.2	0