David Hessl

List of Publications by Year in descending order

59 papers	5,850 citations	87723 38 h-index	138251 58 g-index
59 all docs	59 docs citations	59 times ranked	3802 citing authors

#	Article	IF	Citations
1	Advances in the Treatment of Fragile X Syndrome. Pediatrics, 2009, 123, 378-390.	1.0	513
2	Autism Profiles of Males With Fragile X Syndrome. American Journal on Intellectual and Developmental Disabilites, 2008, 113, 427-438.	2.7	357
3	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.	0.6	292
4	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.	5.8	289
5	Clinical assessment of DSM-IV anxiety disorders in fragile X syndrome: prevalence and characterization. Journal of Neurodevelopmental Disorders, 2011, 3, 57-67.	1.5	269
6	Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. Nature Reviews Drug Discovery, 2018, 17, 280-299.	21.5	247
7	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.	1.1	215
8	A Randomized Double-Blind, Placebo-Controlled Trial of Minocycline in Children and Adolescents with Fragile X Syndrome. Journal of Developmental and Behavioral Pediatrics, 2013, 34, 147-155.	0.6	212
9	Preschool Outcomes of Children of Depressed Mothers: Role of Maternal Behavior, Contextual Risk, and Children's Brain Activity. Child Development, 2003, 74, 1158-1175.	1.7	202
10	Infants of Depressed Mothers Exhibit Atypical Frontal Electrical Brain Activity during Interactions with Mother and with a Familiar, Nondepressed Adult. Child Development, 1999, 70, 1058-1066.	1.7	156
11	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.	1.5	156
12	Psychometric Study of the Aberrant Behavior Checklist in Fragile X Syndrome and Implications for Targeted Treatment. Journal of Autism and Developmental Disorders, 2012, 42, 1377-1392.	1.7	148
13	The neuroanatomy and neuroendocrinology of fragile X syndrome. Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 17-24.	3.5	137
14	Outcome Measures for Clinical Trials in Fragile X Syndrome. Journal of Developmental and Behavioral Pediatrics, 2013, 34, 508-522.	0.6	136
15	Molecular and cognitive predictors of the continuum of autistic behaviours in fragile X. Neuroscience and Biobehavioral Reviews, 2007, 31, 315-326.	2.9	130
16	Updated report on tools to measure outcomes of clinical trials in fragile X syndrome. Journal of Neurodevelopmental Disorders, 2017, 9, 14.	1.5	123
17	A Review of Fragile X Premutation Disorders. Journal of Clinical Psychiatry, 2009, 70, e1-e11.	1.1	119
18	Social behavior and cortisol reactivity in children with fragile X syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 602-610.	3.1	111

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19	Improving IQ measurement in intellectual disabilities using true deviation from population norms. Journal of Neurodevelopmental Disorders, 2014, 6, 16.	1.5	111
20	Increased prevalence of seizures in boys who were probands with the FMR1 premutation and co-morbid autism spectrum disorder. Human Genetics, 2012, 131, 581-589.	1.8	108
21	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.	2.8	102
22	Fragile X targeted pharmacotherapy: lessons learned and future directions. Journal of Neurodevelopmental Disorders, 2017, 9, 7.	1.5	99
23	The NIH Toolbox Cognitive Battery for intellectual disabilities: three preliminary studies and future directions. Journal of Neurodevelopmental Disorders, 2016, 8, 35.	1.5	96
24	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.	1.7	89
25	Genetic and Environmental Influences on the Cognitive Outcomes of Children With Fragile X Syndrome. Journal of the American Academy of Child and Adolescent Psychiatry, 2002, 41, 237-244.	0.3	88
26	Social influences on early developing biological and behavioral systems related to risk for affective disorder. Development and Psychopathology, 1994, 6, 759-779.	1.4	79
27	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.	1.7	73
28	Frontal brain electrical activity in infants of depressed and nondepressed mothers: Relation to variations in infant behavior. Development and Psychopathology, 1999, 11, 589-605.	1.4	70
29	Recommendations from Multi-disciplinary Focus Groups on Cascade Testing and Genetic Counseling for Fragile X-associated Disorders. Journal of Genetic Counseling, 2007, 16, 593-606.	0.9	70
30	Secondary medical diagnosis in fragile X syndrome with and without autism spectrum disorder. American Journal of Medical Genetics, Part A, 2008, 146A, 1911-1916.	0.7	68
31	A randomized double-blind, placebo-controlled trial of ganaxolone in children and adolescents with fragile X syndrome. Journal of Neurodevelopmental Disorders, 2017, 9, 26.	1.5	67
32	A Randomized, Double-Blind, Placebo-Controlled Trial of Low-Dose Sertraline in Young Children With Fragile X Syndrome. Journal of Developmental and Behavioral Pediatrics, 2016, 37, 619-628.	0.6	65
33	Aging in fragile X syndrome. Journal of Neurodevelopmental Disorders, 2010, 2, 70-76.	1.5	59
34	Autonomic and brain electrical activity in securely- and insecurely-attached infants of depressed mothers. , 2001, 24, 135-149.		57
35	Biological and environmental contributions to adaptive behavior in fragile X syndrome. American Journal of Medical Genetics Part A, 2003, 117A, 21-29.	2.4	57
36	Early Acceleration of Head Circumference in Children with Fragile X Syndrome and Autism. Journal of Developmental and Behavioral Pediatrics, 2007, 28, 31-35.	0.6	56

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37	Association between IQ and FMR1 protein (FMRP) across the spectrum of CGG repeat expansions. PLoS ONE, 2019, 14, e0226811.	1.1	52
38	Anxiety, attention problems, hyperactivity, and the Aberrant Behavior Checklist in fragile X syndrome. American Journal of Medical Genetics, Part A, 2014, 164, 141-155.	0.7	48
39	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.	1.5	47
40	Validation of the NIH Toolbox Cognitive Battery in intellectual disability. Neurology, 2020, 94, e1229-e1240.	1.5	44
41	Anxiety disorders in fragile X premutation carriers: Preliminary characterization of probands and non-probands. Intractable and Rare Diseases Research, 2015, 4, 123-130.	0.3	39
42	Psychophysiological Responses to Emotional Stimuli in Children and Adolescents with Autism and Fragile X Syndrome. Journal of Clinical Child and Adolescent Psychology, 2015, 44, 250-263.	2.2	37
43	Best Practices in Fragile X Syndrome Treatment Development. Brain Sciences, 2018, 8, 224.	1.1	37
44	Executive Function in Fragile X Syndrome: A Systematic Review. Brain Sciences, 2019, 9, 15.	1.1	31
45	Fear-Specific Amygdala Function in Children and Adolescents on the Fragile X Spectrum: A Dosage Response of the FMR1 Gene. Cerebral Cortex, 2014, 24, 600-613.	1.6	30
46	Voice of People with Fragile X Syndrome and Their Families: Reports from a Survey on Treatment Priorities. Brain Sciences, 2019, 9, 18.	1.1	30
47	Broad Clinical Involvement in a Family Affected by the Fragile X Premutation. Journal of Developmental and Behavioral Pediatrics, 2009, 30, 544-551.	0.6	27
48	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.	1.7	27
49	Cognitive training for children and adolescents with fragile X syndrome: a randomized controlled trial of Cogmed. Journal of Neurodevelopmental Disorders, 2019, 11, 4.	1.5	23
50	Effects of mavoglurant on visual attention and pupil reactivity while viewing photographs of faces in Fragile X Syndrome. PLoS ONE, 2019, 14, e0209984.	1.1	22
51	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.	1.1	21
52	Response to Placebo in Fragile X Syndrome Clinical Trials: An Initial Analysis. Brain Sciences, 2020, 10, 629.	1.1	21
53	Standardized Assessment Accommodations for Individuals with Intellectual Disability. Contemporary School Psychology, 2018, 22, 443-457.	0.9	19
54	Emergence of Developmental Delay in Infants and Toddlers With an FMR1 Mutation. Pediatrics, 2021, 147, .	1.0	16

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55	Feasibility, Reproducibility, and Clinical Validity of the Pediatric Anxiety Rating Scaleâ€"Revised for Fragile X Syndrome. American Journal on Intellectual and Developmental Disabilities, 2014, 119, 1-16.	0.8	14
56	Clinical and molecular correlates in fragile X premutation females. ENeurologicalSci, 2017, 7, 49-56.	0.5	13
57	Fragile X syndrome: an overview of cause, characteristics, assessment and management. Paediatrics and Child Health (United Kingdom), 2020, 30, 400-403.	0.2	12
58	Emotion Potentiated Startle in Fragile X Syndrome. Journal of Autism and Developmental Disorders, 2014, 44, 2536-2546.	1.7	7
59	Fragile X-associated tremor/ataxia syndrome: another phenotype of the fragile X gene. Clinical Neuropsychologist, 2016, 30, 810-814.	1.5	7