

# Randi J Hagerman

## List of Publications by Year in descending order

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304  
papers

22,875  
citations

5268

83  
h-index

11052

137  
g-index

320  
all docs

320  
docs citations

320  
times ranked

9463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Levels of FMR1 mRNA in Carrier Males: A New Mechanism of Involvement in the Fragile-X Syndrome. American Journal of Human Genetics, 2000, 66, 6-15.	6.2	756
2	Fragile X Premutation Tremor/Ataxia Syndrome: Molecular, Clinical, and Neuroimaging Correlates. American Journal of Human Genetics, 2003, 72, 869-878.	6.2	720
3	Penetrance of the Fragile X-associated Tremor/Ataxia Syndrome in a Premutation Carrier Population. JAMA - Journal of the American Medical Association, 2004, 291, 460.	7.4	571
4	Advances in the Treatment of Fragile X Syndrome. Pediatrics, 2009, 123, 378-390.	2.1	513
5	Fragile X syndrome. Nature Reviews Disease Primers, 2017, 3, 17065.	30.5	490
6	The Fragile-X Premutation: A Maturing Perspective. American Journal of Human Genetics, 2004, 74, 805-816.	6.2	485
7	Autism Profiles of Males With Fragile X Syndrome. American Journal on Intellectual and Developmental Disabilities, 2008, 113, 427-438.	2.4	357
8	Epigenetic Modification of the <i>FMR1</i> Gene in Fragile X Syndrome Is Associated with Differential Response to the mGluR5 Antagonist AFQ056. Science Translational Medicine, 2011, 3, 64ra1.	12.4	344
9	FMRP expression as a potential prognostic indicator in fragile X syndrome. American Journal of Medical Genetics Part A, 1999, 84, 250-261.	2.4	318
10	The Gut Microbiota and Autism Spectrum Disorders. Frontiers in Cellular Neuroscience, 2017, 11, 120.	3.7	311
11	Fragile X-associated tremor/ataxia syndrome: Clinical features, genetics, and testing guidelines. Movement Disorders, 2007, 22, 2018-2030.	3.9	306
12	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
13	Expanded clinical phenotype of women with the <i>FMR1</i> premutation. American Journal of Medical Genetics, Part A, 2008, 146A, 1009-1016.	1.2	290
14	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
15	Advances in clinical and molecular understanding of the FMR1 premutation and fragile X-associated tremor/ataxia syndrome. Lancet Neurology, The, 2013, 12, 786-798.	10.2	288
16	Fragile X premutation carriers: characteristic MR imaging findings of adult male patients with progressive cerebellar and cognitive dysfunction. American Journal of Neuroradiology, 2002, 23, 1757-66.	2.4	272
17	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
18	Fragile X syndrome: causes, diagnosis, mechanisms, and therapeutics. Journal of Clinical Investigation, 2012, 122, 4314-4322.	8.2	269

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19	FMR1 CGG allele size and prevalence ascertained through newborn screening in the United States. <i>Genome Medicine</i> , 2012, 4, 100.	8.2	258
20	Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 280-299.	46.4	247
21	The fragile X premutation: into the phenotypic fold. <i>Current Opinion in Genetics and Development</i> , 2002, 12, 278-283.	3.3	228
22	An analysis of autism in fifty males with the fragile X syndrome. <i>American Journal of Medical Genetics Part A</i> , 1986, 23, 359-374.	2.4	224
23	Fragile X-associated tremor/ataxia syndrome " features, mechanisms and management. <i>Nature Reviews Neurology</i> , 2016, 12, 403-412.	10.1	221
24	High functioning fragile X males: Demonstration of an unmethylated fully expanded FMR-1 mutation associated with protein expression. <i>American Journal of Medical Genetics Part A</i> , 1994, 51, 298-308.	2.4	213
25	Fragile-X syndrome and fragile X-associated tremor/ataxia syndrome: two faces of FMR1. <i>Lancet Neurology</i> , The, 2007, 6, 45-55.	10.2	212
26	A Randomized Double-Blind, Placebo-Controlled Trial of Minocycline in Children and Adolescents with Fragile X Syndrome. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2013, 34, 147-155.	1.1	212
27	Mavoglurant in fragile X syndrome: Results of two randomized, double-blind, placebo-controlled trials. <i>Science Translational Medicine</i> , 2016, 8, 321ra5.	12.4	210
28	Fragile X and autism: Intertwined at the molecular level leading to targeted treatments. <i>Molecular Autism</i> , 2010, 1, 12.	4.9	204
29	Transcription of the FMR1 gene in individuals with fragile X syndrome. <i>American Journal of Medical Genetics Part A</i> , 2000, 97, 195-203.	2.4	192
30	Molecular-clinical correlations in males with an expanded FMR1 mutation. <i>American Journal of Medical Genetics Part A</i> , 1996, 64, 388-394.	2.4	182
31	Lessons from Fragile X Regarding Neurobiology, Autism, and Neurodegeneration. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2006, 27, 63-74.	1.1	181
32	Heterozygous fragile X female: Historical, physical, cognitive, and cytogenetic features. <i>American Journal of Medical Genetics Part A</i> , 1991, 38, 269-274.	2.4	178
33	Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome.. <i>Neuropsychology</i> , 2008, 22, 48-60.	1.3	167
34	Evidence of mitochondrial dysfunction in fragile X-associated tremor/ataxia syndrome. <i>Biochemical Journal</i> , 2010, 429, 545-552.	3.7	162
35	Lifetime Prevalence of Mood and Anxiety Disorders in Fragile X Premutation Carriers. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 175-182.	2.2	162
36	Widespread RNA editing dysregulation in brains from autistic individuals. <i>Nature Neuroscience</i> , 2019, 22, 25-36.	14.8	161

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37	Psychiatric Phenotype of the Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS) in Males. <i>Journal of Clinical Psychiatry</i> , 2006, 67, 87-94.	2.2	158
38	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.	3.1	156
39	Fragile X males with unmethylated, full mutation trinucleotide repeat expansions have elevated levels of FMR1 messenger RNA. <i>American Journal of Medical Genetics Part A</i> , 2000, 94, 232-236.	2.4	154
40	AGG interruptions within the maternal FMR1 gene reduce the risk of offspring with fragile X syndrome. <i>Genetics in Medicine</i> , 2012, 14, 729-736.	2.4	152
41	Fragile X spectrum disorders. <i>Intractable and Rare Diseases Research</i> , 2014, 3, 134-146.	0.9	150
42	The Efficacy of Melatonin for Sleep Problems in Children with Autism, Fragile X Syndrome, or Autism and Fragile X Syndrome. <i>Journal of Clinical Sleep Medicine</i> , 2009, 05, 145-150.	2.6	149
43	A controlled trial of stimulant medication in children with the fragile X syndrome. <i>American Journal of Medical Genetics Part A</i> , 1988, 30, 377-392.	2.4	146
44	Murine hippocampal neurons expressing Fmr1 gene premutations show early developmental deficits and late degeneration. <i>Human Molecular Genetics</i> , 2010, 19, 196-208.	2.9	143
45	Reduced FMR1 mRNA translation efficiency in fragile X patients with premutations. <i>Rna</i> , 2002, 8, 1482-8.	3.5	143
46	Fragile X checklist. <i>American Journal of Medical Genetics Part A</i> , 1991, 38, 283-287.	2.4	142
47	High MMP activity levels in fragile X syndrome are lowered by minocycline. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1897-1903.	1.2	140
48	The Prader-Willi Phenotype of Fragile X Syndrome. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2007, 28, 133-138.	1.1	139
49	Fragile X-associated tremor/ataxia syndrome. <i>Annals of the New York Academy of Sciences</i> , 2015, 1338, 58-70.	3.8	139
50	CGG repeat length correlates with age of onset of motor signs of the fragile X-associated tremor/ataxia syndrome (FXTAS). <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 566-569.	1.7	138
51	Effect of CX516, an AMPA-Modulating Compound, on Cognition and Behavior in Fragile X Syndrome: A Controlled Trial. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2006, 16, 525-540.	1.3	136
52	Fragile X Syndrome. <i>Current Genomics</i> , 2011, 12, 216-224.	1.6	136
53	Arbaclofen in fragile X syndrome: results of phase 3 trials. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 3.	3.1	135
54	Progression of tremor and ataxia in male carriers of the FMR1 premutation. <i>Movement Disorders</i> , 2007, 22, 203-206.	3.9	134

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55	Fragile X-Associated Neuropsychiatric Disorders (FXAND). <i>Frontiers in Psychiatry</i> , 2018, 9, 564.	2.6	132
56	Signaling defects in iPSC-derived fragile X premutation neurons. <i>Human Molecular Genetics</i> , 2012, 21, 3795-3805.	2.9	129
57	Impairment in the cognitive functioning of men with fragile X-associated tremor/ataxia syndrome (FXTAS). <i>Journal of the Neurological Sciences</i> , 2006, 248, 227-233.	0.6	126
58	Treatment of fragile X-associated tremor ataxia syndrome (FXTAS) and related neurological problems. <i>Clinical Interventions in Aging</i> , 2008, Volume 3, 251-262.	2.9	122
59	Cognitive profiles of boys with the fragile X syndrome. <i>American Journal of Medical Genetics Part A</i> , 1988, 30, 191-200.	2.4	121
60	Associated features in females with an FMR1 premutation. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 30.	3.1	116
61	Cognitive profiles and the spectrum of clinical manifestations in heterozygous fra(X) females. <i>American Journal of Medical Genetics Part A</i> , 1986, 23, 139-156.	2.4	115
62	Effect of the Fragile X Status Categories and the Fragile X Mental Retardation Protein Levels on Executive Functioning in Males and Females With Fragile X.. <i>Neuropsychology</i> , 2003, 17, 646-657.	1.3	113
63	Increased prevalence of seizures in boys who were probands with the FMR1 premutation and co-morbid autism spectrum disorder. <i>Human Genetics</i> , 2012, 131, 581-589.	3.8	108
64	Tremor and ataxia in fragile X premutation carriers: Blinded videotape study. <i>Annals of Neurology</i> , 2003, 53, 616-623.	5.3	104
65	Recent advances in fragile X: a model for autism and neurodegeneration. <i>Current Opinion in Psychiatry</i> , 2005, 18, 490-496.	6.3	103
66	Widespread non-central nervous system organ pathology in fragile X premutation carriers with fragile X-associated tremor/ataxia syndrome and CGG knock-in mice. <i>Acta Neuropathologica</i> , 2011, 122, 467-479.	7.7	102
67	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.	5.4	102
68	Fragile X targeted pharmacotherapy: lessons learned and future directions. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 7.	3.1	99
69	Altered zinc transport disrupts mitochondrial protein processing/import in fragile X-associated tremor/ataxia syndrome. <i>Human Molecular Genetics</i> , 2011, 20, 3079-3092.	2.9	98
70	The challenges of clinical trials in fragile X syndrome. <i>Psychopharmacology</i> , 2014, 231, 1237-1250.	3.1	98
71	Molecular/clinical correlations in females with fragile X. , 1996, 64, 340-345.		94
72	Testicular and Pituitary Inclusion Formation in Fragile X Associated Tremor/Ataxia Syndrome. <i>Journal of Urology</i> , 2007, 177, 1434-1437.	0.4	94

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73	Dementia in fragile X-associated tremor/ataxia syndrome (FXTAS): Comparison with Alzheimer's disease. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1138-1144.	1.7	92
74	Clustered burst firing in FMR1 premutation hippocampal neurons: amelioration with allopregnanolone. <i>Human Molecular Genetics</i> , 2012, 21, 2923-2935.	2.9	92
75	Electrocortical changes associated with minocycline treatment in fragile X syndrome. <i>Journal of Psychopharmacology</i> , 2013, 27, 956-963.	4.0	92
76	Fragile X Syndrome and Targeted Treatment Trials. <i>Results and Problems in Cell Differentiation</i> , 2012, 54, 297-335.	0.7	91
77	Side Effects of Minocycline Treatment in Patients With Fragile X Syndrome and Exploration of Outcome Measures. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2010, 115, 433-443.	1.6	90
78	Behavioral and Psychiatric Disorders in Adult Male Carriers of Fragile X. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1994, 33, 256-264.	0.5	89
79	Neuropathic features in fragile X premutation carriers. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 19-26.	1.2	89
80	Speech disturbances (cluttering) in mildly impaired males with the Martin-Bell/fragile X syndrome. <i>American Journal of Medical Genetics Part A</i> , 1986, 23, 195-206.	2.4	88
81	A voxel-based morphometry study of grey matter loss in fragile X-associated tremor/ataxia syndrome. <i>Brain</i> , 2011, 134, 863-878.	7.6	87
82	Longitudinal IQ changes in fragile X males. <i>American Journal of Medical Genetics Part A</i> , 1989, 33, 513-518.	2.4	86
83	Immune-mediated disorders among women carriers of fragile X premutation alleles. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 2473-2481.	1.2	86
84	Clinical and molecular implications of mosaicism in FMR1 full mutations. <i>Frontiers in Genetics</i> , 2014, 5, 318.	2.3	86
85	Impairment of executive cognitive functioning in males with fragile X-associated tremor/ataxia syndrome. <i>Movement Disorders</i> , 2007, 22, 645-650.	3.9	84
86	Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. <i>General Hospital Psychiatry</i> , 2007, 29, 349-356.	2.4	83
87	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.	1.3	83
88	The efficacy of melatonin for sleep problems in children with autism, fragile X syndrome, or autism and fragile X syndrome. <i>Journal of Clinical Sleep Medicine</i> , 2009, 5, 145-50.	2.6	82
89	An fMRI study of the prefrontal activity during the performance of a working memory task in premutation carriers of the fragile X mental retardation 1 gene with and without fragile X-associated tremor/ataxia syndrome (FXTAS). <i>Journal of Psychiatric Research</i> , 2011, 45, 36-43.	3.1	80
90	Fragile X syndrome and associated disorders: Clinical aspects and pathology. <i>Neurobiology of Disease</i> , 2020, 136, 104740.	4.4	80

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91	Tissue heterogeneity of the FMR1 mutation in a high-functioning male with fragile X syndrome. American Journal of Medical Genetics Part A, 1999, 84, 233-239.	2.4	79
92	Emotional and neurocognitive deficits in fragile X. American Journal of Medical Genetics Part A, 1994, 51, 378-385.	2.4	76
93	Adult fragile X syndrome: Neuropsychology, brain anatomy, and metabolism. American Journal of Medical Genetics Part A, 1995, 60, 480-493.	2.4	76
94	CGG allele size somatic mosaicism and methylation in FMR1 premutation alleles. Journal of Medical Genetics, 2014, 51, 309-318.	3.2	76
95	Emerging topics in FXTAS. Journal of Neurodevelopmental Disorders, 2014, 6, 31.	3.1	76
96	Developmental Implications of Changing Trajectories of IQ in Males with Fragile X Syndrome. Journal of the American Academy of Child and Adolescent Psychiatry, 1990, 29, 214-219.	0.5	75
97	Abnormal Nerve Conduction Features in Fragile X Premutation Carriers. Archives of Neurology, 2008, 65, 495.	4.5	75
98	FMR1 premutation and full mutation molecular mechanisms related to autism. Journal of Neurodevelopmental Disorders, 2011, 3, 211-224.	3.1	74
99	Symptoms of Autism in Males with Fragile X Syndrome: A Comparison to Nonsyndromic ASD Using Current ADI-R Scores. Journal of Autism and Developmental Disorders, 2015, 45, 1925-1937.	2.7	74
100	Diffusion tensor imaging in male premutation carriers of the fragile X mental retardation gene. Movement Disorders, 2011, 26, 1329-1336.	3.9	72
101	Fragile X syndrome: A review of clinical management. Intractable and Rare Diseases Research, 2016, 5, 145-157.	0.9	70
102	Neuropathologic features in the hippocampus and cerebellum of three older men with fragile X syndrome. Molecular Autism, 2011, 2, 2.	4.9	68
103	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
104	Psychiatric symptoms in boys with fragile X syndrome: A comparison with nonsyndromic autism spectrum disorder. Research in Developmental Disabilities, 2014, 35, 1072-1086.	2.2	65
105	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.	1.1	65
106	Rare FMR1 gene mutations causing fragile X syndrome: A review. American Journal of Medical Genetics, Part A, 2018, 176, 11-18.	1.2	65
107	Impact of the Fragile X mental retardation 1 (FMR1) gene premutation on neuropsychiatric functioning in adult males without fragile X-associated Tremor/Ataxia syndrome: A controlled study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 859-872.	1.7	64
108	Fragile X-associated Tremor/Ataxia Syndrome. JAMA Neurology, 2013, 70, 1022.	9.0	64

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109	Oral folic acid versus placebo in the treatment of males with the fragile X syndrome. American Journal of Medical Genetics Part A, 1986, 23, 241-262.	2.4	62
110	Modulation of the GABAergic pathway for the treatment of fragile X syndrome. Neuropsychiatric Disease and Treatment, 2014, 10, 1769.	2.2	62
111	Aortic root dilatation and mitral valve prolapse in the fragile X syndrome. American Journal of Medical Genetics Part A, 1986, 23, 189-194.	2.4	60
112	Neuropsychological dysfunction among affected heterozygous fragile X females. American Journal of Medical Genetics Part A, 1990, 35, 28-35.	2.4	60
113	Consideration of connective tissue dysfunction in the fragile X syndrome. American Journal of Medical Genetics Part A, 1984, 17, 111-121.	2.4	59
114	Neuropathy as a presenting feature in fragile X-associated tremor/ataxia syndrome. American Journal of Medical Genetics, Part A, 2007, 143A, 2256-2260.	1.2	59
115	Aging in fragile X syndrome. Journal of Neurodevelopmental Disorders, 2010, 2, 70-76.	3.1	59
116	Altered Redox Mitochondrial Biology in the Neurodegenerative Disorder Fragile X-Tremor/Ataxia Syndrome: Use of Antioxidants in Precision Medicine. Molecular Medicine, 2016, 22, 548-559.	4.4	56
117	Autism in fragile X females. American Journal of Medical Genetics Part A, 1986, 23, 375-380.	2.4	55
118	A Quantitative ELISA Assay for the Fragile X Mental Retardation 1 Protein. Journal of Molecular Diagnostics, 2009, 11, 281-289.	2.8	52
119	Association between IQ and FMR1 protein (FMRP) across the spectrum of CGG repeat expansions. PLoS ONE, 2019, 14, e0226811.	2.5	52
120	Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS): Pathophysiology and Clinical Implications. International Journal of Molecular Sciences, 2020, 21, 4391.	4.1	52
121	Strong similarities of the FMR1 mutation in multiple tissues: Postmortem studies of a male with a full mutation and a male carrier of a premutation. American Journal of Medical Genetics Part A, 1999, 84, 240-244.	2.4	51
122	Sleep apnea in fragile X premutation carriers with and without FXTAS. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 923-928.	1.7	51
123	Fibromyalgia in fragile X mental retardation 1 gene premutation carriers. Rheumatology, 2011, 50, 2233-2236.	1.9	51
124	Age-Dependent Structural Connectivity Effects in Fragile X Premutation. Archives of Neurology, 2012, 69, 482-9.	4.5	51
125	Protein synthesis levels are increased in a subset of individuals with fragile X syndrome. Human Molecular Genetics, 2018, 27, 2039-2051.	2.9	51
126	A controlled study of longitudinal IQ changes in females and males with fragile X syndrome. , 1996, 64, 350-355.		50



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127	A Double-Blind, Randomized, Placebo-Controlled Clinical Study of Trofinetide in the Treatment of Fragile X Syndrome. <i>Pediatric Neurology</i> , 2020, 110, 30-41.	2.1	50
128	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. <i>Science Signaling</i> , 2016, 9, ra58.	3.6	49
129	Composition of the Intranuclear Inclusions of Fragile X-associated Tremor/Ataxia Syndrome. <i>Acta Neuropathologica Communications</i> , 2019, 7, 143.	5.2	48
130	Fragile X syndrome. <i>Colombia Medica</i> , 2014, 45, 190-8.	0.2	48
131	Trajectories and profiles of adaptive behavior in males with fragile X syndrome: Multicenter studies. <i>Journal of Autism and Developmental Disorders</i> , 1996, 26, 287-301.	2.7	47
132	Size and methylation mosaicism in males with Fragile X syndrome. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 1023-1032.	3.1	47
133	An Update on Psychopharmacological Treatment of Autism Spectrum Disorder. <i>Neurotherapeutics</i> , 2022, 19, 248-262.	4.4	47
134	Abnormal trajectories in cerebellum and brainstem volumes in carriers of the fragile X premutation. <i>Neurobiology of Aging</i> , 2017, 55, 11-19.	3.1	46
135	Translating Molecular Advances in Fragile X Syndrome Into Therapy. <i>Journal of Clinical Psychiatry</i> , 2014, 75, e294-e307.	2.2	46
136	Controlled trial of lovastatin combined with an open-label treatment of a parent-implemented language intervention in youth with fragile X syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 12.	3.1	44
137	Memantine for Fragile X-associated Tremor/Ataxia Syndrome. <i>Journal of Clinical Psychiatry</i> , 2014, 75, 264-271.	2.2	44
138	Early Detection of Fragile X Syndrome: Applications of a Novel Approach for Improved Quantitative Methylation Analysis in Venous Blood and Newborn Blood Spots. <i>Clinical Chemistry</i> , 2014, 60, 963-973.	3.2	43
139	Evaluation of the neuroactive steroid ganaxolone on social and repetitive behaviors in the BTBR mouse model of autism. <i>Psychopharmacology</i> , 2016, 233, 309-323.	3.1	43
140	Parkinsonism in fragile X-associated tremor/ataxia syndrome (FXTAS): Revisited. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 456-459.	2.2	42
141	Hypertension in <i>FMR1</i> premutation males with and without fragile X-associated tremor/ataxia syndrome (FXTAS). <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 1304-1309.	1.2	41
142	Dysregulated iron metabolism in the choroid plexus in fragile X-associated tremor/ataxia syndrome. <i>Brain Research</i> , 2015, 1598, 88-96.	2.2	41
143	Altered Bioenergetics in Primary Dermal Fibroblasts from Adult Carriers of the FMR1 Premutation Before the Onset of the Neurodegenerative Disease Fragile X-Associated Tremor/Ataxia Syndrome. <i>Cerebellum</i> , 2016, 15, 552-564.	2.5	41
144	Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins. <i>NeuroToxicology</i> , 2010, 31, 399-402.	3.0	40

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145	Molecular Advances Leading to Treatment Implications for Fragile X Premutation Carriers. <i>Brain Disorders &amp; Therapy</i> , 2014, 03, .	0.1	40
146	Treatment of the psychiatric problems associated with fragile X syndrome. <i>Current Opinion in Psychiatry</i> , 2015, 28, 107-112.	6.3	40
147	Discourse Processing in Women with Fragile X Syndrome: Evidence for a Deficit Establishing Coherence. <i>Cognitive Neuropsychology</i> , 2001, 18, 1-18.	1.1	39
148	Early Intervention Combined with Targeted Treatment Promotes Cognitive and Behavioral Improvements in Young Children with Fragile X Syndrome. <i>Case Reports in Genetics</i> , 2012, 2012, 1-4.	0.2	39
149	Metformin treatment in young children with fragile X syndrome. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e956.	1.2	39
150	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.	0.9	39
151	Plasma metabolic profile delineates roles for neurodegeneration, pro-inflammatory damage and mitochondrial dysfunction in the <i>FMR1</i> premutation. <i>Biochemical Journal</i> , 2016, 473, 3871-3888.	3.7	38
152	Implications of the <i>FMR1</i> Premutation for Children, Adolescents, Adults, and Their Families. <i>Pediatrics</i> , 2017, 139, S172-S182.	2.1	38
153	Fragile X syndrome and fragile X-associated disorders. <i>F1000Research</i> , 2017, 6, 2112.	1.6	38
154	Sertraline May Improve Language Developmental Trajectory in Young Children with Fragile X Syndrome: A Retrospective Chart Review. <i>Autism Research &amp; Treatment</i> , 2012, 2012, 1-8.	0.5	37
155	Intranuclear inclusions in a fragile X mosaic male. <i>Translational Neurodegeneration</i> , 2013, 2, 10.	8.0	37
156	Best Practices in Fragile X Syndrome Treatment Development. <i>Brain Sciences</i> , 2018, 8, 224.	2.3	37
157	Memantine Effects on Verbal Memory in Fragile X-associated Tremor/Ataxia Syndrome (FXTAS): a Double-Blind Brain Potential Study. <i>Neuropsychopharmacology</i> , 2014, 39, 2760-2768.	5.4	36
158	Cognitive profiles of the carrier fragile X woman. <i>American Journal of Medical Genetics Part A</i> , 1991, 38, 505-508.	2.4	35
159	Update on the Clinical, Radiographic, and Neurobehavioral Manifestations in FXTAS and <i>FMR1</i> Premutation Carriers. <i>Cerebellum</i> , 2016, 15, 578-586.	2.5	35
160	Mental impairment in cytogenetically positive fragile X females. <i>American Journal of Medical Genetics Part A</i> , 1991, 38, 503-504.	2.4	34
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