Paul J Hagerman

List of Publications by Year
in descending order

64 papers	6,279 citations	126708 33 h-index	114278 63 g-index
66 all docs	66 docs citations	66 times ranked	3802 citing authors

#	Article	IF	Citations
1	Hypermobile Ehlers-Danlos syndrome (hEDS) phenotype in fragile X premutation carriers: case series. Journal of Medical Genetics, 2022, 59, 687-690.	1.5	5
2	Fragile X Syndrome: Lessons Learned and What New Treatment Avenues Are on the Horizon. Annual Review of Pharmacology and Toxicology, 2022, 62, 365-381.	4.2	6
3	HispanoâEAmerican Brain Bank on Neurodevelopmental Disorders: An initiative to promote brain banking, research, education, and outreach in the field of neurodevelopmental disorders. Brain Pathology, 2022, 32, e13019.	2.1	3
4	Fragile X syndrome. Current Biology, 2021, 31, R273-R275.	1.8	13
5	Fragile X-associated tremor/ataxia syndrome: pathophysiology and management. Current Opinion in Neurology, 2021, 34, 541-546.	1.8	22
6	Autofluorescence-based analyses of intranuclear inclusions of Fragile X-associated tremor/ataxia syndrome. BioTechniques, 2020, 69, 57-63.	0.8	0
7	Elevated FMR1-mRNA and lowered FMRP â€“ A double-hit mechanism for psychiatric features in men with FMR1 premutations. Translational Psychiatry, 2020, 10, 205.	2.4	20
8	Developmental aspects of FXAND in a man with the FMR1 premutation. Molecular Genetics & Genomic Medicine, 2020, 8, e1050.	0.6	5
9	Human Cerebral Cortex Proteome of Fragile X-Associated Tremor/Ataxia Syndrome. Frontiers in Molecular Biosciences, 2020, 7, 600840.	1.6	11
10	Composition of the Intranuclear Inclusions of Fragile X-associated Tremor/Ataxia Syndrome. Acta Neuropathologica Communications, 2019, 7, 143.	2.4	48
11	Astroglial-targeted expression of the fragile X CGG repeat premutation in mice yields RAN translation, motor deficits and possible evidence for cell-to-cell propagation of FXTAS pathology. Acta Neuropathologica Communications, 2019, 7, 27.	2.4	14
12	Association between IQ and FMR1 protein (FMRP) across the spectrum of CGG repeat expansions. PLoS ONE, 2019, 14, e0226811.	1.1	52
13	Fragile X syndrome and connective tissue dysregulation. Clinical Genetics, 2019, 95, 262-267.	1.0	25
14	Microglial cell activation and senescence are characteristic of the pathology FXTAS. Movement Disorders, 2018, 33, 1887-1894.	2.2	19
15	Iron accumulation and dysregulation in the putamen in fragile Xâ€associated tremor/ataxia syndrome. Movement Disorders, 2017, 32, 585-591.	2.2	32
16	Calcium dysregulation and Cdk5-ATM pathway involved in a mouse model of fragile X-associated tremor/ataxia syndrome. Human Molecular Genetics, 2017, 26, 2649-2666.	1.4	50
17	Clinical and molecular correlates in fragile X premutation females. ENeurologicalSci, 2017, 7, 49-56.	0.5	13
18	<scp>T</scp>wo <scp>FMR</scp>1 premutation cases without nuclear inclusions. Movement Disorders, 2017, 32, 1328-1329.	2.2	5

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19	Fragile X syndrome. Nature Reviews Disease Primers, 2017, 3, 17065.	18.1	490
20	Size and methylation mosaicism in males with Fragile X syndrome. Expert Review of Molecular Diagnostics, 2017, 17, 1023-1032.	1.5	47
21	A Majority of FXTAS Cases Present with Intranuclear Inclusions Within Purkinje Cells. Cerebellum, 2016, 15, 546-551.	1.4	36
22	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. Science Signaling, 2016, 9, ra58.	1.6	49
23	Fragile X-associated tremor/ataxia syndrome â€" features, mechanisms and management. Nature Reviews Neurology, 2016, 12, 403-412.	4.9	221
24	Cerebellar Mild Iron Accumulation in a Subset of FMR1 Premutation Carriers with FXTAS. Cerebellum, 2016, 15, 641-644.	1.4	18
25	Single-locus enrichment without amplification for sequencing and direct detection of epigenetic modifications. Molecular Genetics and Genomics, 2016, 291, 1491-1504.	1.0	16
26	Dysregulated iron metabolism in the choroid plexus in fragile X-associated tremor/ataxia syndrome. Brain Research, 2015, 1598, 88-96.	1.1	41
27	Fragile Xâ€"associated tremor/ataxia syndrome. Annals of the New York Academy of Sciences, 2015, 1338, 58-70.	1.8	139
28	Differential increases of specificFMR1mRNA isoforms in premutation carriers. Journal of Medical Genetics, 2015, 52, 42-52.	1.5	29
29	CNS expression of murine fragile X protein (FMRP) as a function of CGG-repeat size. Human Molecular Genetics, 2014, 23, 3228-3238.	1.4	66
30	Transcription-Associated R-Loop Formation across the Human FMR1 CGG-Repeat Region. PLoS Genetics, 2014, 10, e1004294.	1.5	181
31	Clinical and molecular implications of mosaicism in FMR1 full mutations. Frontiers in Genetics, 2014, 5, 318.	1.1	86
32	Expression of an expanded CGG-repeat RNA in a single pair of primary sensory neurons impairs olfactory adaptation in Caenorhabditis elegans. Human Molecular Genetics, 2014, 23, 4945-4959.	1.4	8
33	Memantine Effects on Verbal Memory in Fragile X-associated Tremor/Ataxia Syndrome (FXTAS): a Double-Blind Brain Potential Study. Neuropsychopharmacology, 2014, 39, 2760-2768.	2.8	36
34	High-throughput screening of FDA-approved drugs using oxygen biosensor plates reveals secondary mitofunctional effects. Mitochondrion, 2014, 17, 116-125.	1.6	27
35	ERP abnormalities elicited by word repetition in fragile X-associated tremor/ataxia syndrome (FXTAS) and amnestic MCI. Neuropsychologia, 2014, 63, 34-42.	0.7	21
36	Fragile X-associated tremor/ataxia syndrome (FXTAS): pathology and mechanisms. Acta Neuropathologica, 2013, 126, 1-19.	3.9	142

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37	Current Gaps in Understanding the Molecular Basis of FXTAS. Tremor and Other Hyperkinetic Movements, 2012, 2, .	1.1	21
38	High-resolution methylation polymerase chain reaction for fragile X analysis: Evidence for novel FMR1 methylation patterns undetected in Southern blot analyses. Genetics in Medicine, 2011, 13, 528-538.	1.1	80
39	Initiation of Translation of the FMR1 mRNA Occurs Predominantly through 5â€²-End-Dependent Ribosomal Scanning. Journal of Molecular Biology, 2011, 407, 21-34.	2.0	25
40	Rare Intranuclear Inclusions in the Brains of 3 Older Adult Males With Fragile X Syndrome: Implications for the Spectrum of Fragile X-Associated Disorders. Journal of Neuropathology and Experimental Neurology, 2011, 70, 462-469.	0.9	33
41	Epilepsy in autism spectrum disorders. Epilepsia, 2010, 51, 78-78.	2.6	3
42	A Novel FMR1 PCR Method for the Routine Detection of Low Abundance Expanded Alleles and Full Mutations in Fragile X Syndrome. Clinical Chemistry, 2010, 56, 399-408.	1.5	250
43	An Information-Rich CGG Repeat Primed PCR That Detects the Full Range of Fragile X Expanded Alleles and Minimizes the Need for Southern Blot Analysis. Journal of Molecular Diagnostics, 2010, 12, 589-600.	1.2	166
44	Advances in understanding the molecular basis of FXTAS. Human Molecular Genetics, 2010, 19, R83-R89.	1.4	119
45	Origins of Epilepsy in Fragile X Syndrome. Epilepsy Currents, 2009, 9, 108-112.	0.4	87
46	A Quantitative ELISA Assay for the Fragile X Mental Retardation 1 Protein. Journal of Molecular Diagnostics, 2009, 11, 281-289.	1.2	52
47	The fragile X prevalence paradox. Journal of Medical Genetics, 2008, 45, 498-499.	1.5	294
48	Core flexibility of a truncated metazoan mitochondrial tRNA. Nucleic Acids Research, 2008, 36, 5472-5481.	6.5	10
49	Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome.. Neuropsychology, 2008, 22, 48-60.	1.0	167
50	Fragile X-associated tremor/ataxia syndromeâ€"an older face of the fragile X gene. Nature Clinical Practice Neurology, 2007, 3, 107-112.	2.7	50
51	Induction of inclusion formation and disruption of lamin A/C structure by premutation CGG-repeat RNA in human cultured neural cells. Human Molecular Genetics, 2005, 14, 3661-3671.	1.4	152
52	Fragile X-associated Tremor/Ataxia Syndrome (FXTAS). Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 25-30.	3.5	189
53	The Fragile-X Premutation: A Maturing Perspective. American Journal of Human Genetics, 2004, 74, 805-816.	2.6	485
54	Distribution of CGG repeat sizes within the fragile X mental retardation 1 (FMR1) homologue in a non-human primate population. Human Genetics, 2003, 113, 371-376.	1.8	13

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55	The fragile X premutation: into the phenotypic fold. Current Opinion in Genetics and Development, 2002, 12, 278-283.	1.5	228
56	Fragile X males with unmethylated, full mutation trinucleotide repeat expansions have elevated levels ofFMR1 messenger RNA. American Journal of Medical Genetics Part A, 2000, 94, 232-236.	2.4	154
57	Transcription of the FMR1 gene in individuals with fragile X syndrome. American Journal of Medical Genetics Part A, 2000, 97, 195-203.	2.4	192
58	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.	2.6	756
59	The Angle between the Anticodon and Aminoacyl Acceptor Stems of Yeast tRNAPheIs Strongly Modulated by Magnesium Ionsâ€. Biochemistry, 1997, 36, 6090-6099.	1.2	35
60	FLEXIBILITY OF RNA. Annual Review of Biophysics and Biomolecular Structure, 1997, 26, 139-156.	18.3	116
61	Nucleic acids from sequence to structure to function. Current Opinion in Structural Biology, 1996, 6, 277-280.	2.6	10
62	Electrostatic contribution to the stiffness of DNA molecules of finite length. Biopolymers, 1983, 22, 811-814.	1.2	31
63	Monte Carlo approach to the analysis of the rotational diffusion of wormlike chains. Biopolymers, 1981, 20, 1481-1502.	1.2	253
64	Investigation of the flexibility of DNA using transient electric birefringence. Biopolymers, 1981, 20, 1503-1535.	1.2	312