# Paul J Hagerman

List of Publications by Year
in descending order



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|---|---|---|---|
| 64 papers | 6,279 citations | 126907 33 h-index | 114465 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. | 3.2 | 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. | 9.4 | 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. | 4.1 | 3 |
| 4 | Fragile X syndrome. Current Biology, 2021, 31, R273-R275. | 3.9 | 13 |
| 5 | Fragile X-associated tremor/ataxia syndrome: pathophysiology and management. Current Opinion in Neurology, 2021, 34, 541-546. | 3.6 | 22 |
| 6 | Autofluorescence-based analyses of intranuclear inclusions of Fragile X-associated tremor/ataxia syndrome. BioTechniques, 2020, 69, 57-63. | 1.8 | 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. | 4.8 | 20 |
| 8 | Developmental aspects of FXAND in a man with the FMR1 premutation. Molecular Genetics & Genomic Medicine, 2020, 8, e1050. | 1.2 | 5 |
| 9 | Human Cerebral Cortex Proteome of Fragile X-Associated Tremor/Ataxia Syndrome. Frontiers in Molecular Biosciences, 2020, 7, 600840. | 3.5 | 11 |
| 10 | Composition of the Intranuclear Inclusions of Fragile X-associated Tremor/Ataxia Syndrome. Acta Neuropathologica Communications, 2019, 7, 143. | 5.2 | 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. | 5.2 | 14 |
| 12 | Association between IQ and FMR1 protein (FMRP) across the spectrum of CGG repeat expansions. PLoS ONE, 2019, 14, e0226811. | 2.5 | 52 |
| 13 | Fragile X syndrome and connective tissue dysregulation. Clinical Genetics, 2019, 95, 262-267. | 2.0 | 25 |
| 14 | Microglial cell activation and senescence are characteristic of the pathology FXTAS. Movement Disorders, 2018, 33, 1887-1894. | 3.9 | 19 |
| 15 | Iron accumulation and dysregulation in the putamen in fragile Xâ€associated tremor/ataxia syndrome. Movement Disorders, 2017, 32, 585-591. | 3.9 | 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. | 2.9 | 50 |
| 17 | Clinical and molecular correlates in fragile X premutation females. ENeurologicalSci, 2017, 7, 49-56. | 1.3 | 13 |
| 18 | <scp>T</scp>wo <scp>FMR</scp>1 premutation cases without nuclear inclusions. Movement Disorders, 2017, 32, 1328-1329. | 3.9 | 5 |

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|---|---|---|---|
| 19 | Fragile X syndrome. Nature Reviews Disease Primers, 2017, 3, 17065. | 30.5 | 490 |
| 20 | Size and methylation mosaicism in males with Fragile X syndrome. Expert Review of Molecular Diagnostics, 2017, 17, 1023-1032. | 3.1 | 47 |
| 21 | A Majority of FXTAS Cases Present with Intranuclear Inclusions Within Purkinje Cells. Cerebellum, 2016, 15, 546-551. | 2.5 | 36 |
| 22 | Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. Science Signaling, 2016, 9, ra58. | 3.6 | 49 |
| 23 | Fragile X-associated tremor/ataxia syndrome â€" features, mechanisms and management. Nature Reviews Neurology, 2016, 12, 403-412. | 10.1 | 221 |
| 24 | Cerebellar Mild Iron Accumulation in a Subset of FMR1 Premutation Carriers with FXTAS. Cerebellum, 2016, 15, 641-644. | 2.5 | 18 |
| 25 | Single-locus enrichment without amplification for sequencing and direct detection of epigenetic modifications. Molecular Genetics and Genomics, 2016, 291, 1491-1504. | 2.1 | 16 |
| 26 | Dysregulated iron metabolism in the choroid plexus in fragile X-associated tremor/ataxia syndrome. Brain Research, 2015, 1598, 88-96. | 2.2 | 41 |
| 27 | Fragile Xâ€"associated tremor/ataxia syndrome. Annals of the New York Academy of Sciences, 2015, 1338, 58-70. | 3.8 | 139 |
| 28 | Differential increases of specificFMR1mRNA isoforms in premutation carriers. Journal of Medical Genetics, 2015, 52, 42-52. | 3.2 | 29 |
| 29 | CNS expression of murine fragile X protein (FMRP) as a function of CGG-repeat size. Human Molecular Genetics, 2014, 23, 3228-3238. | 2.9 | 66 |
| 30 | Transcription-Associated R-Loop Formation across the Human FMR1 CGG-Repeat Region. PLoS Genetics, 2014, 10, e1004294. | 3.5 | 181 |
| 31 | Clinical and molecular implications of mosaicism in FMR1 full mutations. Frontiers in Genetics, 2014, 5, 318. | 2.3 | 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. | 2.9 | 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. | 5.4 | 36 |
| 34 | High-throughput screening of FDA-approved drugs using oxygen biosensor plates reveals secondary mitofunctional effects. Mitochondrion, 2014, 17, 116-125. | 3.4 | 27 |
| 35 | ERP abnormalities elicited by word repetition in fragile X-associated tremor/ataxia syndrome (FXTAS) and amnestic MCI. Neuropsychologia, 2014, 63, 34-42. | 1.6 | 21 |
| 36 | Fragile X-associated tremor/ataxia syndrome (FXTAS): pathology and mechanisms. Acta Neuropathologica, 2013, 126, 1-19. | 7.7 | 142 |

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|---|---|---|---|
| 37 | Current Gaps in Understanding the Molecular Basis of FXTAS. Tremor and Other Hyperkinetic Movements, 2012, 2, . | 2.0 | 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. | 2.4 | 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. | 4.2 | 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. | 1.7 | 33 |
| 41 | Epilepsy in autism spectrum disorders. Epilepsia, 2010, 51, 78-78. | 5.1 | 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. | 3.2 | 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. | 2.8 | 166 |
| 44 | Advances in understanding the molecular basis of FXTAS. Human Molecular Genetics, 2010, 19, R83-R89. | 2.9 | 119 |
| 45 | Origins of Epilepsy in Fragile X Syndrome. Epilepsy Currents, 2009, 9, 108-112. | 0.8 | 87 |
| 46 | A Quantitative ELISA Assay for the Fragile X Mental Retardation 1 Protein. Journal of Molecular Diagnostics, 2009, 11, 281-289. | 2.8 | 52 |
| 47 | The fragile X prevalence paradox. Journal of Medical Genetics, 2008, 45, 498-499. | 3.2 | 294 |
| 48 | Core flexibility of a truncated metazoan mitochondrial tRNA. Nucleic Acids Research, 2008, 36, 5472-5481. | 14.5 | 10 |
| 49 | Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome.. Neuropsychology, 2008, 22, 48-60. | 1.3 | 167 |
| 50 | Fragile X-associated tremor/ataxia syndromeâ€"an older face of the fragile X gene. Nature Clinical Practice Neurology, 2007, 3, 107-112. | 2.5 | 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. | 2.9 | 152 |
| 52 | Fragile X-associated Tremor/Ataxia Syndrome (FXTAS). Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 25-30. | 3.6 | 189 |
| 53 | The Fragile-X Premutation: A Maturing Perspective. American Journal of Human Genetics, 2004, 74, 805-816. | 6.2 | 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. | 3.8 | 13 |

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| 55 | The fragile X premutation: into the phenotypic fold. Current Opinion in Genetics and Development, 2002, 12, 278-283. | 3.3 | 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. | 6.2 | 756 |
| 59 | The Angle between the Anticodon and Aminoacyl Acceptor Stems of Yeast tRNAPheIs Strongly Modulated by Magnesium Ionsâ€. Biochemistry, 1997, 36, 6090-6099. | 2.5 | 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. | 5.7 | 10 |
| 62 | Electrostatic contribution to the stiffness of DNA molecules of finite length. Biopolymers, 1983, 22, 811-814. | 2.4 | 31 |
| 63 | Monte Carlo approach to the analysis of the rotational diffusion of wormlike chains. Biopolymers, 1981, 20, 1481-1502. | 2.4 | 253 |
| 64 | Investigation of the flexibility of DNA using transient electric birefringence. Biopolymers, 1981, 20, 1503-1535. | 2.4 | 312 |