Gary J Latham

List of Publications by Year
in descending order

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13 papers	993 citations	933447 10 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	770 citing authors

#	Article	IF	Citations
1	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
2	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
3	Fragile X full mutation expansions are inhibited by one or more AGG interruptions in premutation carriers. Genetics in Medicine, 2015, 17, 358-364.	2.4	119
4	Fragile X AGG analysis provides new risk predictions for 45â€“69 repeat alleles. American Journal of Medical Genetics, Part A, 2013, 161, 771-778.	1.2	110
5	AGG interruptions and maternal age affect FMR1 CGG repeat allele stability during transmission. Journal of Neurodevelopmental Disorders, 2014, 6, 24.	3.1	94
6	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
7	A Genotype-Phenotype Study of High-Resolution FMR1 Nucleic Acid and Protein Analyses in Fragile X Patients with Neurobehavioral Assessments. Brain Sciences, 2020, 10, 694.	2.3	54
8	The role of AGG interruptions in fragile X repeat expansions: a twenty-year perspective. Frontiers in Genetics, 2014, 5, 244.	2.3	47
9	A Novel Methylation PCR that Offers Standardized Determination of FMR1 Methylation and CGG Repeat Length without Southern Blot Analysis. Journal of Molecular Diagnostics, 2014, 16, 23-31.	2.8	38
10	A methylation PCR method determines FMR1 activation ratios and differentiates premutation allele mosaicism in carrier siblings. Clinical Epigenetics, 2016, 8, 130.	4.1	14
11	Comprehensive genotyping of the C9orf72 hexanucleotide repeat region in 2095 ALS samples from the NINDS collection using a two-mode, long-read PCR assay. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 107-114.	1.7	12
12	A Novel Triplet-Primed PCR Assay to Detect the Full Range of Trinucleotide CAG Repeats in the Huntingtin Gene (HTT). International Journal of Molecular Sciences, 2021, 22, 1689.	4.1	8
13	Use of human-derived stem cells to create a novel, in vitro model designed to explore FMR1 CGG repeat instability amongst female premutation carriers. Journal of Assisted Reproduction and Genetics, 2018, 35, 1443-1455.	2.5	1