Grace M Hobson

List of Publications by Year
in descending order

17 papers	606 citations	759233 12 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	948 citing authors

#	Article	IF	Citations
1	Heterogeneous Duplications in Patients with Pelizaeus-Merzbacher Disease Suggest a Mechanism of Coupled Homologous and Nonhomologous Recombination. American Journal of Human Genetics, 2005, 77, 966-987.	6.2	93
2	Three or more copies of the proteolipid protein gene PLP1 cause severe Pelizaeus-Merzbacher disease. Brain, 2005, 128, 743-751.	7.6	91
3	Spastic paraplegia type 2 associated with axonal neuropathy and apparent PLP1 position effect. Annals of Neurology, 2006, 59, 398-403.	5.3	83
4	Complex Genomic Rearrangements at the PLP1 Locus Include Triplication and Quadruplication. PLoS Genetics, 2015, 11, e1005050.	3.5	57
5	Modeling the Mutational and Phenotypic Landscapes of Pelizaeus-Merzbacher Disease with Human iPSC-Derived Oligodendrocytes. American Journal of Human Genetics, 2017, 100, 617-634.	6.2	52
6	Glucocorticoids Decrease Interleukin-6 Levels and Induce Mineralization of Cultured Osteogenic Cells from Children with Fibrous Dysplasia. Journal of Bone and Mineral Research, 1999, 14, 1104-1114.	2.8	38
7	PMD patient mutations reveal a long-distance intronic interaction that regulates PLP1/DM20 alternative splicing. Human Molecular Genetics, 2014, 23, 5464-5478.	2.9	32
8	A new polymorphism in the proteolipid protein (PLP1) gene and its use for carrier detection ofPLP1 gene duplication in Pelizaeus-Merzbacher disease. Human Mutation, 2001, 17, 152-152.	2.5	28
9	AlteredPLP1splicing causes hypomyelination of early myelinating structures. Annals of Clinical and Translational Neurology, 2015, 2, 648-661.	3.7	27
10	Endocrine and Growth Abnormalities in 4H Leukodystrophy Caused by Variants in POLR3A, POLR3B, and POLR1C. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e660-e674.	3.6	26
11	Distinct patterns of complex rearrangements and a mutational signature of microhomeology are frequently observed in PLP1 copy number gain structural variants. Genome Medicine, 2019, 11, 80.	8.2	24
12	GJC2 promoter mutations causing Pelizaeusâ€“Merzbacher-like disease. Molecular Genetics and Metabolism, 2014, 111, 393-398.	1.1	19
13	Xq22 deletions and correlation with distinct neurological disease traits in females: Further evidence for a contiguous gene syndrome. Human Mutation, 2020, 41, 150-168.	2.5	15
14	Morpholino Antisense Oligomers as a Potential Therapeutic Option for the Correction of Alternative Splicing in PMD, SPG2, and HEMS. Molecular Therapy - Nucleic Acids, 2018, 12, 420-432.	5.1	13
15	Developmental Expression of Creatine Kinase Isoenzymes in Chicken Growth Cartilage. Journal of Bone and Mineral Research, 1999, 14, 747-756.	2.8	8
16	Plp1 gene duplication inhibits airway responsiveness and induces lung inflammation. Pulmonary Pharmacology and Therapeutics, 2015, 30, 22-31.	2.6	0
17	Inside Back Cover, Volume 41, Issue 1. Human Mutation, 2020, 41, ii.	2.5	0