M Kathryn Brewer

List of Publications by Year
in descending order

15 papers	319 citations	1163117 8 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	277 citing authors

#	Article	IF	Citations
1	Targeting Pathogenic Lafora Bodies in Lafora Disease Using an Antibody-Enzyme Fusion. Cell Metabolism, 2019, 30, 689-705.e6.	16.2	66
2	Structural Mechanism of Laforin Function in Glycogen Dephosphorylation and Lafora Disease. Molecular Cell, 2015, 57, 261-272.	9.7	54
3	Brain glycogen serves as a critical glucosamine cache required for protein glycosylation. Cell Metabolism, 2021, 33, 1404-1417.e9.	16.2	47
4	Brain Glycogen Structure and Its Associated Proteins: Past, Present and Future. Advances in Neurobiology, 2019, 23, 17-81.	1.8	29
5	Unique carbohydrate binding platforms employed by the glucan phosphatases. Cellular and Molecular Life Sciences, 2016, 73, 2765-2778.	5.4	23
6	Structural biology of glucan phosphatases from humans to plants. Current Opinion in Structural Biology, 2016, 40, 62-69.	5.7	23
7	Polyglucosan body structure in Lafora disease. Carbohydrate Polymers, 2020, 240, 116260.	10.2	22
8	The 3rd International Lafora Epilepsy Workshop: Evidence for a cure. Epilepsy and Behavior, 2018, 81, 125-127.	1.7	11
9	The 4th International Lafora Epilepsy Workshop: Shifting paradigms, paths to treatment, and hope for patients. Epilepsy and Behavior, 2019, 90, 284-286.	1.7	11
10	A novel EPM2A mutation yields a slow progression form of Lafora disease. Epilepsy Research, 2018, 145, 169-177.	1.6	10
11	Lack of Astrocytic Glycogen Alters Synaptic Plasticity but Not Seizure Susceptibility. Molecular Neurobiology, 2020, 57, 4657-4666.	4.0	9
12	An empirical pipeline for personalized diagnosis of Lafora disease mutations. IScience, 2021, 24, 103276.	4.1	7
13	Lack of p62 Impairs Glycogen Aggregation and Exacerbates Pathology in a Mouse Model of Myoclonic Epilepsy of Lafora. Molecular Neurobiology, 2022, 59, 1214-1229.	4.0	4
14	Patientâ€Specific Mechanisms of Lafora Disease Mutations in the Human Glycogen Phosphatase. FASEB Journal, 2018, 32, 673.1.	0.5	0
15	Personalized Diagnosis for Lafora Disease, a Fatal Epilepsy. FASEB Journal, 2018, 32, 541.8.	0.5	0