

M Kathryn Brewer

List of Publications by Year in descending order

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