Fenghua Hu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5481536/publications.pdf

Version: 2024-02-01

30 papers	2,246 citations	304743 22 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	3504 citing authors

#	Article	IF	Citations
1	Sortilin-Mediated Endocytosis Determines Levels of the Frontotemporal Dementia Protein, Progranulin. Neuron, 2010, 68, 654-667.	8.1	465
2	The ALS/FTLD associated protein C9orf72 associates with SMCR8 and WDR41 to regulate the autophagy-lysosome pathway. Acta Neuropathologica Communications, 2016, 4, 51.	5.2	243
3	The frontotemporal lobar degeneration risk factor, TMEM106B, regulates lysosomal morphology and function. Human Molecular Genetics, 2013, 22, 685-695.	2.9	162
4	Prosaposin facilitates sortilin-independent lysosomal trafficking of progranulin. Journal of Cell Biology, 2015, 210, 991-1002.	5.2	158
5	The lysosomal function of progranulin,Âa guardian against neurodegeneration. Acta Neuropathologica, 2018, 136, 1-17.	7.7	153
6	The N-Terminal Domain of Nogo-A Inhibits Cell Adhesion and Axonal Outgrowth by an Integrin-Specific Mechanism. Journal of Neuroscience, 2008, 28, 1262-1269.	3.6	126
7	Impaired prosaposin lysosomal trafficking in frontotemporal lobar degeneration due to progranulin mutations. Nature Communications, 2017, 8, 15277.	12.8	87
8	C-Terminus of Progranulin Interacts with the Beta-Propeller Region of Sortilin to Regulate Progranulin Trafficking. PLoS ONE, 2011, 6, e21023.	2.5	81
9	Regulation of cathepsin D activity by the FTLD protein progranulin. Acta Neuropathologica, 2017, 134, 151-153.	7.7	67
10	Lysosomal processing of progranulin. Molecular Neurodegeneration, 2017, 12, 62.	10.8	67
11	Spatiotemporal control of phosphatidylinositol 4-phosphate by Sac2 regulates endocytic recycling. Journal of Cell Biology, 2015, 209, 97-110.	5.2	64
12	Progranulin deficiency leads to reduced glucocerebrosidase activity. PLoS ONE, 2019, 14, e0212382.	2.5	57
13	Nogo-A Interacts with the Nogo-66 Receptor through Multiple Sites to Create an Isoform-Selective Subnanomolar Agonist. Journal of Neuroscience, 2005, 25, 5298-5304.	3.6	52
14	Loss of <scp>TMEM</scp> 106B and <scp>PGRN</scp> leads to severe lysosomal abnormalities and neurodegeneration in mice. EMBO Reports, 2020, 21, e50219.	4.5	52
15	Physiological and pathological functions of TMEM106B: a gene associated with brain aging and multiple brain disorders. Acta Neuropathologica, 2021, 141, 327-339.	7.7	50
16	Regulating axon growth within the postnatal central nervous system. Seminars in Perinatology, 2004, 28, 371-378.	2.5	44
17	Cellular and physiological functions of C9ORF72 and implications for ALS/FTD. Journal of Neurochemistry, 2021, 157, 334-350.	3.9	44
18	Regulated Intramembrane Proteolysis of the Frontotemporal Lobar Degeneration Risk Factor, TMEM106B, by Signal Peptide Peptidase-like 2a (SPPL2a). Journal of Biological Chemistry, 2014, 289, 19670-19680.	3.4	37

#	Article	IF	Citations
19	Elevated TMEM106B levels exaggerate lipofuscin accumulation and lysosomal dysfunction in aged mice with progranulin deficiency. Acta Neuropathologica Communications, 2017, 5, 9.	5.2	37
20	The interaction between progranulin and prosaposin is mediated by granulins and the linker region between saposin B and C. Journal of Neurochemistry, 2017, 143, 236-243.	3.9	31
21	A role of the frontotemporal lobar degeneration risk factor TMEM106B in myelination. Brain, 2020, 143, 2255-2271.	7.6	30
22	SMCR8 negatively regulates AKT and MTORC1 signaling to modulate lysosome biogenesis and tissue homeostasis. Autophagy, 2019, 15, 871-885.	9.1	25
23	Dextran-coated iron oxide nanoparticle-induced nanotoxicity in neuron cultures. Scientific Reports, 2020, 10, 11239.	3.3	22
24	Loss of Tmem106b is unable to ameliorate frontotemporal dementia-like phenotypes in an AAV mouse model of C9ORF72-repeat induced toxicity. Acta Neuropathologica Communications, 2018, 6, 42.	5.2	20
25	Regulation of lysosomal trafficking of progranulin by sortilin and prosaposin. Brain Communications, 2022, 4, fcab310.	3.3	17
26	TMEM106B deficiency impairs cerebellar myelination and synaptic integrity with Purkinje cell loss. Acta Neuropathologica Communications, 2022, 10, 33.	5.2	16
27	Differential regulation of progranulin derived granulin peptides. Molecular Neurodegeneration, 2022, 17, 15.	10.8	15
28	A multifaceted role of progranulin in regulating amyloid-beta dynamics and responses. Life Science Alliance, 2021, 4, e202000874.	2.8	10
29	The Interaction Between Progranulin with Sortilin and the Lysosome. Methods in Molecular Biology, 2018, 1806, 269-288.	0.9	6
30	Autophagy-Lysosome Dysfunction in Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration. , 0, , .		4