

Fenghua Hu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,246
citations

304368

22
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476904

29
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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. <i>Neuron</i> , 2010, 68, 654-667.	3.8	465
2	The ALS/FTLD associated protein C9orf72 associates with SMCR8 and WDR41 to regulate the autophagy-lysosome pathway. <i>Acta Neuropathologica Communications</i> , 2016, 4, 51.	2.4	243
3	The frontotemporal lobar degeneration risk factor, TMEM106B, regulates lysosomal morphology and function. <i>Human Molecular Genetics</i> , 2013, 22, 685-695.	1.4	162
4	Prosaposin facilitates sortilin-independent lysosomal trafficking of progranulin. <i>Journal of Cell Biology</i> , 2015, 210, 991-1002.	2.3	158
5	The lysosomal function of progranulin, a guardian against neurodegeneration. <i>Acta Neuropathologica</i> , 2018, 136, 1-17.	3.9	153
6	The N-Terminal Domain of Nogo-A Inhibits Cell Adhesion and Axonal Outgrowth by an Integrin-Specific Mechanism. <i>Journal of Neuroscience</i> , 2008, 28, 1262-1269.	1.7	126
7	Impaired prosaposin lysosomal trafficking in frontotemporal lobar degeneration due to progranulin mutations. <i>Nature Communications</i> , 2017, 8, 15277.	5.8	87
8	C-Terminus of Progranulin Interacts with the Beta-Propeller Region of Sortilin to Regulate Progranulin Trafficking. <i>PLoS ONE</i> , 2011, 6, e21023.	1.1	81
9	Regulation of cathepsin D activity by the FTL protein progranulin. <i>Acta Neuropathologica</i> , 2017, 134, 151-153.	3.9	67
10	Lysosomal processing of progranulin. <i>Molecular Neurodegeneration</i> , 2017, 12, 62.	4.4	67
11	Spatiotemporal control of phosphatidylinositol 4-phosphate by Sac2 regulates endocytic recycling. <i>Journal of Cell Biology</i> , 2015, 209, 97-110.	2.3	64
12	Progranulin deficiency leads to reduced glucocerebrosidase activity. <i>PLoS ONE</i> , 2019, 14, e0212382.	1.1	57
13	Nogo-A Interacts with the Nogo-66 Receptor through Multiple Sites to Create an Isoform-Selective Subnanomolar Agonist. <i>Journal of Neuroscience</i> , 2005, 25, 5298-5304.	1.7	52
14	Loss of TMEM106B and PGRN leads to severe lysosomal abnormalities and neurodegeneration in mice. <i>EMBO Reports</i> , 2020, 21, e50219.	2.0	52
15	Physiological and pathological functions of TMEM106B: a gene associated with brain aging and multiple brain disorders. <i>Acta Neuropathologica</i> , 2021, 141, 327-339.	3.9	50
16	Regulating axon growth within the postnatal central nervous system. <i>Seminars in Perinatology</i> , 2004, 28, 371-378.	1.1	44
17	Cellular and physiological functions of C9ORF72 and implications for ALS/FTD. <i>Journal of Neurochemistry</i> , 2021, 157, 334-350.	2.1	44
18	Regulated Intramembrane Proteolysis of the Frontotemporal Lobar Degeneration Risk Factor, TMEM106B, by Signal Peptide Peptidase-like 2a (SPPL2a). <i>Journal of Biological Chemistry</i> , 2014, 289, 19670-19680.	1.6	37

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19	Elevated TMEM106B levels exaggerate lipofuscin accumulation and lysosomal dysfunction in aged mice with progranulin deficiency. <i>Acta Neuropathologica Communications</i> , 2017, 5, 9.	2.4	37
20	The interaction between progranulin and prosaposin is mediated by granulins and the linker region between saposin B and C. <i>Journal of Neurochemistry</i> , 2017, 143, 236-243.	2.1	31
21	A role of the frontotemporal lobar degeneration risk factor TMEM106B in myelination. <i>Brain</i> , 2020, 143, 2255-2271.	3.7	30
22	SMCR8 negatively regulates AKT and MTORC1 signaling to modulate lysosome biogenesis and tissue homeostasis. <i>Autophagy</i> , 2019, 15, 871-885.	4.3	25
23	Dextran-coated iron oxide nanoparticle-induced nanotoxicity in neuron cultures. <i>Scientific Reports</i> , 2020, 10, 11239.	1.6	22
24	Loss of Tmem106b is unable to ameliorate frontotemporal dementia-like phenotypes in an AAV mouse model of C9ORF72-repeat induced toxicity. <i>Acta Neuropathologica Communications</i> , 2018, 6, 42.	2.4	20
25	Regulation of lysosomal trafficking of progranulin by sortilin and prosaposin. <i>Brain Communications</i> , 2022, 4, fcab310.	1.5	17
26	TMEM106B deficiency impairs cerebellar myelination and synaptic integrity with Purkinje cell loss. <i>Acta Neuropathologica Communications</i> , 2022, 10, 33.	2.4	16
27	Differential regulation of progranulin derived granulin peptides. <i>Molecular Neurodegeneration</i> , 2022, 17, 15.	4.4	15
28	A multifaceted role of progranulin in regulating amyloid-beta dynamics and responses. <i>Life Science Alliance</i> , 2021, 4, e202000874.	1.3	10
29	The Interaction Between Progranulin with Sortilin and the Lysosome. <i>Methods in Molecular Biology</i> , 2018, 1806, 269-288.	0.4	6
30	Autophagy-Lysosome Dysfunction in Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration. , 0, , .		4