

CITATION REPORT

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The structure and catalytic mechanism of human sphingomyelin phosphodiesterase like 3a--an acid sphingomyelinase homologue with a novel nucleotide hydrolase activity

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FEBS Journal, 2016, 283, 1107-23.

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#	Paper	IF	Citations
9	Crystal structure of mammalian acid sphingomyelinase. <i>Nature Communications</i> , 2016 , 7, 12196	17.4	58
8	Crystal Structure of the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3B Provides Insights into Determinants of Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24054-24064	5.4	16
7	Structure of Human Acid Sphingomyelinase Reveals the Role of the Saposin Domain in Activating Substrate Hydrolysis. <i>Journal of Molecular Biology</i> , 2016 , 428, 3026-42	6.5	34
6	Human acid sphingomyelinase structures provide insight to molecular basis of Niemann-Pick disease. <i>Nature Communications</i> , 2016 , 7, 13082	17.4	28
5	N-glycosylation of human sphingomyelin phosphodiesterase acid-like 3A (SMPDL3A) is essential for stability, secretion and activity. <i>Biochemical Journal</i> , 2017 , 474, 1071-1092	3.8	7
4	Ligand-dependent and -independent regulation of human hepatic sphingomyelin phosphodiesterase acid-like 3A expression by pregnane X receptor and crosstalk with liver X receptor. <i>Biochemical Pharmacology</i> , 2017 , 136, 122-135	6	6
3	Characterization of Sphingomyelin Phosphodiesterase Expression in Bumblebee (<i>Bombus lantschouensis</i>). <i>Journal of Insect Science</i> , 2018 , 18,	2	7
2	Exploring the Therapeutic Landscape of Sphingomyelinases. <i>Handbook of Experimental Pharmacology</i> , 2020 , 259, 19-47	3.2	9
1	Assessment of phytochemicals, antioxidants and in-silico molecular dynamic simulation of plant derived potential inhibitory activity of <i>Thalictrum foliolosum</i> DC. and <i>Cordia dichotoma</i> G. Forst. against jaundice. 2022 , 156, 113898		0