

Alexei Gorelik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/591712/publications.pdf>

Version: 2024-02-01

16
papers

431
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of mammalian acid sphingomyelinase. Nature Communications, 2016, 7, 12196.	12.8	76
2	Structural basis for the activation of acid ceramidase. Nature Communications, 2018, 9, 1621.	12.8	72
3	Molecular Mechanism of Inhibition of Acid Ceramidase by Carmofur. Journal of Medicinal Chemistry, 2019, 62, 987-992.	6.4	46
4	Molecular mechanism of activation of the immunoregulatory amidase NAAA. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10032-E10040.	7.1	36
5	Crystal structure of the human alkaline sphingomyelinase provides insights into substrate recognition. Journal of Biological Chemistry, 2017, 292, 7087-7094.	3.4	30
6	Structural basis for nucleotide recognition by the ectoenzyme <i>CD203c</i> . FEBS Journal, 2018, 285, 2481-2494.	4.7	30
7	A key tyrosine substitution restricts nucleotide hydrolysis by the ectoenzyme <i>NPP5</i> . FEBS Journal, 2017, 284, 3718-3726.	4.7	25
8	Crystal structure of the mammalian lipopolysaccharide detoxifier. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E896-E905.	7.1	24
9	Crystal Structure of the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3B Provides Insights into Determinants of Substrate Specificity. Journal of Biological Chemistry, 2016, 291, 24054-24064.	3.4	20
10	Identification of Allosteric Inhibitors against Active Caspase-6. Scientific Reports, 2019, 9, 5504.	3.3	15
11	The structure of mammalian <i>Î</i> mannosidase provides insight into <i>Î</i> mannosidosis and nystagmus. FEBS Journal, 2019, 286, 1319-1331.	4.7	14
12	Structural Basis for Nucleotide Hydrolysis by the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3A. Journal of Biological Chemistry, 2016, 291, 6376-6385.	3.4	13
13	Crystal structure of saposin D in an open conformation. Journal of Structural Biology, 2018, 204, 145-150.	2.8	10
14	Crystal structure of the nucleotideâ€metabolizing enzyme NTPDase4. Protein Science, 2020, 29, 2054-2061.	7.6	7
15	Structure of the murine lysosomal multienzyme complex core. Science Advances, 2021, 7, .	10.3	7
16	Crystal Structure of the Mannose-6-Phosphate Uncovering Enzyme. Structure, 2020, 28, 426-436.e3.	3.3	6