

Alexei Gorelik

List of Publications by Year in descending order

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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	Structure of the murine lysosomal multienzyme complex core. <i>Science Advances</i> , 2021, 7, .	10.3	7
2	Crystal structure of the nucleotideâ€­metabolizing enzyme NTPDase4. <i>Protein Science</i> , 2020, 29, 2054-2061.	7.6	7
3	Crystal Structure of the Mannose-6-Phosphate Uncovering Enzyme. <i>Structure</i> , 2020, 28, 426-436.e3.	3.3	6
4	Identification of Allosteric Inhibitors against Active Caspase-6. <i>Scientific Reports</i> , 2019, 9, 5504.	3.3	15
5	The structure of mammalian Î²â€­mannosidase provides insight into Î²â€­mannosidosis and nystagmus. <i>FEBS Journal</i> , 2019, 286, 1319-1331.	4.7	14
6	Molecular Mechanism of Inhibition of Acid Ceramidase by Carmofur. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 987-992.	6.4	46
7	Crystal structure of the mammalian lipopolysaccharide detoxifier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E896-E905.	7.1	24
8	Structural basis for the activation of acid ceramidase. <i>Nature Communications</i> , 2018, 9, 1621.	12.8	72
9	Molecular mechanism of activation of the immunoregulatory amidase NAAA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10032-E10040.	7.1	36
10	Crystal structure of saposin D in an open conformation. <i>Journal of Structural Biology</i> , 2018, 204, 145-150.	2.8	10
11	Structural basis for nucleotide recognition by the ectoenzyme <sc>CD</sc>203c. <i>FEBS Journal</i> , 2018, 285, 2481-2494.	4.7	30
12	Crystal structure of the human alkaline sphingomyelinase provides insights into substrate recognition. <i>Journal of Biological Chemistry</i> , 2017, 292, 7087-7094.	3.4	30
13	A key tyrosine substitution restricts nucleotide hydrolysis by the ectoenzyme <sc>NPP</sc>5. <i>FEBS Journal</i> , 2017, 284, 3718-3726.	4.7	25
14	Crystal structure of mammalian acid sphingomyelinase. <i>Nature Communications</i> , 2016, 7, 12196.	12.8	76
15	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.	3.4	20
16	Structural Basis for Nucleotide Hydrolysis by the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3A. <i>Journal of Biological Chemistry</i> , 2016, 291, 6376-6385.	3.4	13