

Naoto Soya

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

916
citations

759233

12
h-index

1058476

14
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16
all docs

16
docs citations

16
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism-based corrector combination restores $\hat{\Gamma}$ F508-CFTR folding and function. <i>Nature Chemical Biology</i> , 2013, 9, 444-454.	8.0	361
2	Mechanism of parkin activation by phosphorylation. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 623-630.	8.2	128
3	<scp>PINK</scp> 1 autophosphorylation is required for ubiquitin recognition. <i>EMBO Reports</i> , 2018, 19, .	4.5	88
4	Trapping and characterization of covalent intermediates of mutant retaining glycosyltransferases. <i>Glycobiology</i> , 2011, 21, 547-552.	2.5	70
5	Substrate Recognition of the Membrane-Associated Sialidase NEU3 Requires a Hydrophobic Aglycone. <i>Biochemistry</i> , 2011, 50, 6753-6762.	2.5	43
6	Nonspecific interactions between proteins and charged biomolecules in electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 472-481.	2.8	42
7	Mechanism of PINK1 activation by autophosphorylation and insights into assembly on the TOM complex. <i>Molecular Cell</i> , 2022, 82, 44-59.e6.	9.7	42
8	Temperature-dependent cooperativity in donor-acceptor substrate binding to the human blood group glycosyltransferases. <i>Glycobiology</i> , 2008, 18, 587-592.	2.5	39
9	Comparative study of substrate and product binding to the human ABO(H) blood group glycosyltransferases. <i>Glycobiology</i> , 2009, 19, 1224-1234.	2.5	34
10	Single-particle electron microscopy structure of UDP-glucose:glycoprotein glucosyltransferase suggests a selectivity mechanism for misfolded proteins. <i>Journal of Biological Chemistry</i> , 2017, 292, 11499-11507.	3.4	26
11	Identifying Specific Small-Molecule Interactions Using Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 5160-5167.	6.5	16
12	Identification of Allosteric Inhibitors against Active Caspase-6. <i>Scientific Reports</i> , 2019, 9, 5504.	3.3	15
13	Differential Scanning Fluorimetry and Hydrogen Deuterium Exchange Mass Spectrometry to Monitor the Conformational Dynamics of NBD1 in Cystic Fibrosis. <i>Methods in Molecular Biology</i> , 2019, 1873, 53-67.	0.9	8