

Malte Gersch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8506414/publications.pdf>

Version: 2024-02-01

17
papers

1,281
citations

623734

14
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	USP30 sets a trigger threshold for PINK1/PARKIN amplification of mitochondrial ubiquitylation. <i>Life Science Alliance</i> , 2020, 3, e202000768.	2.8	72
2	Distinct USP25 and USP28 Oligomerization States Regulate Deubiquitinating Activity. <i>Molecular Cell</i> , 2019, 74, 436-451.e7.	9.7	48
3	Selective Activation of Human Caseinolytic Protease P (ClpP). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14602-14607.	13.8	34
4	Insights into ClpXP proteolysis: heterooligomerization and partial deactivation enhance chaperone affinity and substrate turnover in <i>Listeria monocytogenes</i> . <i>Chemical Science</i> , 2017, 8, 1592-1600.	7.4	24
5	Imaging of pH in vivo using hyperpolarized ¹³ C-labelled zymonic acid. <i>Nature Communications</i> , 2017, 8, 15126.	12.8	94
6	Deuteration of Hyperpolarized ¹³ C-Labeled Zymonic Acid Enables Sensitivity-Enhanced Dynamic MRI of pH. <i>ChemPhysChem</i> , 2017, 18, 2421-2421.	2.1	1
7	Mechanism and regulation of the Lys6-selective deubiquitinase USP30. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 920-930.	8.2	173
8	Deuteration of Hyperpolarized ¹³ C-Labeled Zymonic Acid Enables Sensitivity-Enhanced Dynamic MRI of pH. <i>ChemPhysChem</i> , 2017, 18, 2422-2425.	2.1	20
9	Barrel-shaped ClpP Proteases Display Attenuated Cleavage Specificities. <i>ACS Chemical Biology</i> , 2016, 11, 389-399.	3.4	35
10	Ubiquitin Ser65 phosphorylation affects ubiquitin structure, chain assembly and hydrolysis. <i>EMBO Journal</i> , 2015, 34, 307-325.	7.8	258
11	A Mass Spectrometry Platform for a Streamlined Investigation of Proteasome Integrity, Posttranslational Modifications, and Inhibitor Binding. <i>Chemistry and Biology</i> , 2015, 22, 404-411.	6.0	14
12	AAA+ chaperones and acyldepsipeptides activate the ClpP protease via conformational control. <i>Nature Communications</i> , 2015, 6, 6320.	12.8	110
13	Disruption of Oligomerization and Dehydroalanine Formation as Mechanisms for ClpP Protease Inhibition. <i>Journal of the American Chemical Society</i> , 2014, 136, 1360-1366.	13.7	47
14	The Mechanism of Caseinolytic Protease (ClpP) Inhibition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3009-3014.	13.8	53
15	Insights into Structural Network Responsible for Oligomerization and Activity of Bacterial Virulence Regulator Caseinolytic Protease P (ClpP) Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 9484-9494.	3.4	62
16	Electrophilic natural products and their biological targets. <i>Natural Product Reports</i> , 2012, 29, 659.	10.3	232
17	Disarming <i>Clostridium difficile</i> . <i>Chemistry and Biology</i> , 2010, 17, 1165-1166.	6.0	0