

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