Gerbrand J Van Der Heden Van Noort

List of Publications by Year
in descending order

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Version: 2024-02-01

42	2,049	430874	315739
papers	citations	18 h-index	38 g-index

47	47	47	3124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced antigen cross-presentation in human colorectal cancer-associated fibroblasts through upregulation of the lysosomal protease cathepsin S. , 2022, 10, e003591.		13
2	State of the art in (semi-)synthesis of Ubiquitin- and Ubiquitin-like tools. Seminars in Cell and Developmental Biology, 2022, 132, 74-85.	5.0	12
3	Inhibiting UCH-L5: Rational Design of a Cyclic Ubiquitin-Based Peptide Inhibitor. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	2
4	Development of ADPribosyl Ubiquitin Analogues to Study Enzymes Involved in Legionella Infection. Chemistry - A European Journal, 2021, 27, 2506-2512.	3.3	7
5	K27-Linked Diubiquitin Inhibits UCHL3 via an Unusual Kinetic Trap. Cell Chemical Biology, 2021, 28, 191-201.e8.	5.2	11
6	Linkage-specific ubiquitin chain formation depends on a lysine hydrocarbon ruler. Nature Chemical Biology, 2021, 17, 272-279.	8.0	26
7	Famotidine inhibits toll-like receptor 3-mediated inflammatory signaling in SARS-CoV-2 infection. Journal of Biological Chemistry, 2021, 297, 100925.	3.4	43
8	Development of Tyrphostin Analogues to Study Inhibition of the Mycobacterium tuberculosis Pup Proteasome System**. ChemBioChem, 2021, 22, 3082-3089.	2.6	4
9	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. Nature, 2020, 587, 657-662.	27.8	818
10	Mechanism and inhibition of the papainâ€like protease, PLpro, of SARSâ€CoVâ€2. EMBO Journal, 2020, 39, e106275.	7.8	330
11	Synthesis of Stable NAD + Mimics as Inhibitors for the Legionella pneumophila Phosphoribosyl Ubiquitylating Enzyme SdeC. ChemBioChem, 2020, 21, 2903-2907.	2.6	6
12	Chemical Tools to Study Protein ADP-Ribosylation. ACS Omega, 2020, 5, 1743-1751.	3.5	8
13	Bacterial OTU deubiquitinases regulate substrate ubiquitination upon Legionella infection. ELife, 2020, 9, .	6.0	23
14	Nedd8 hydrolysis by UCH proteases in Plasmodium parasites. PLoS Pathogens, 2019, 15, e1008086.	4.7	19
15	Profiling DUBs and Ubl-specific proteases with activity-based probes. Methods in Enzymology, 2019, 618, 357-387.	1.0	10
16	Synthetic ubiquitinated proteins meet the proteasome: Distinct roles of ubiquitin in a chain. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7614-7616.	7.1	0
17	Oneâ€Step Chemical Synthesis of Native Met1â€Linked Polyâ€Ubiquitin Chains. ChemBioChem, 2019, 20, 62-65.	2.6	2
18	A General Approach Towards Triazoleâ€Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. Angewandte Chemie, 2018, 130, 1675-1678.	2.0	4

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19	A General Approach Towards Triazoleâ€Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. Angewandte Chemie - International Edition, 2018, 57, 1659-1662.	13.8	21
20	Generation of the UFM1 Toolkit for Profiling UFM1â€Specific Proteases and Ligases. Angewandte Chemie, 2018, 130, 14360-14364.	2.0	5
21	How to Target Viral and Bacterial Effector Proteins Interfering with Ubiquitin Signaling. Current Topics in Microbiology and Immunology, 2018, 420, 111-130.	1.1	0
22	Generation of the UFM1 Toolkit for Profiling UFM1â€Specific Proteases and Ligases. Angewandte Chemie - International Edition, 2018, 57, 14164-14168.	13.8	22
23	Synthesis of Poly-Ubiquitin Chains Using a Bifunctional Ubiquitin Monomer. Organic Letters, 2017, 19, 6490-6493.	4.6	21
24	Recognition of Lys48-Linked Di-ubiquitin and Deubiquitinating Activities of the SARS Coronavirus Papain-like Protease. Molecular Cell, 2016, 62, 572-585.	9.7	122
25	Non-hydrolyzable Diubiquitin Probes Reveal Linkage-Specific Reactivity of Deubiquitylating Enzymes Mediated by S2 Pockets. Cell Chemical Biology, 2016, 23, 472-482.	5.2	90
26	Sequence specificity for uridylylation of the viral peptide linked to the genome (VPg) of enteroviruses. Virology, 2015, 484, 80-85.	2.4	17
27	Modification of picornavirus genomic RNA using â€˜clickâ€™ chemistry shows that unlinking of the VPg peptide is dispensable for translation and replication of the incoming viral RNA. Nucleic Acids Research, 2014, 42, 2473-2482.	14.5	27
28	DNA-Triggered Dye Transfer on a Quantum Dot. Bioconjugate Chemistry, 2014, 25, 18-23.	3.6	27
29	Design of a Ribosyltriazoleâ€Annulated Cyclooctyne for Oligonucleotide Labeling by Strainâ€Promoted Alkyneâ€“Azide Cycloaddition. European Journal of Organic Chemistry, 2014, 2014, 7566-7571.	2.4	1
30	Stereoselective Ribosylation of Amino Acids. Organic Letters, 2013, 15, 2306-2309.	4.6	44
31	A general synthetic method toward uridylylated picornavirus VPg proteins. Journal of Peptide Science, 2013, 19, 333-336.	1.4	3
32	The Synthesis of ADP-Ribosylated Peptides. , 2013, , .		0
33	An RNA virus hijacks an incognito function of a DNA repair enzyme. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14634-14639.	7.1	77
34	Physicochemical property consensus sequences for functional analysis, design of multivalent antigens and targeted antivirals. BMC Bioinformatics, 2012, 13, S9.	2.6	19
35	Fully automated sequential solid phase approach towards viral RNA-nucleopeptides. Chemical Communications, 2012, 48, 8093.	4.1	9
36	Ribosylation of Adenosine: An Orthogonally Protected Building Block for the Synthesis of ADP-Ribosyl Oligomers. Organic Letters, 2011, 13, 2920-2923.	4.6	24

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37	Synthesis of Mono-ADP-Ribosylated Oligopeptides Using Ribosylated Amino Acid Building Blocks. Journal of the American Chemical Society, 2010, 132, 5236-5240.	13.7	57
38	NMR solution structure of poliovirus uridylyated peptide linked to the genome (VPgpU). Peptides, 2010, 31, 1441-1448.	2.4	14
39	Synthesis of Nucleotidylated Poliovirus VPg Proteins. Journal of Organic Chemistry, 2010, 75, 5733-5736.	3.2	17
40	2-Azidoalkoxy-7-hydro-8-oxoadenine derivatives as TLR7 agonists inducing dendritic cell maturation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2249-2251.	2.2	22
41	A Versatile One-Pot Procedure to Phosphate Monoesters and Pyrophosphates Using Di(p-methoxybenzyl)-N,N-diisopropylphosphoramidite. Organic Letters, 2008, 10, 4461-4464.	4.6	27
42	Synthesis of 2-alkoxy-8-hydroxyadenylpeptides: Towards synthetic epitope-based vaccines. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3258-3261.	2.2	23