Christoph Nitsche

List of Publications by Year
in descending order

43	2,783	218677	265206
papers	citations	26 h-index	42 g-index

48	48	48	3574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peptideâ€“Bismuth Bicycles: In Situ Access to Stable Constrained Peptides with Superior Bioactivity. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11
2	Peptideâ€“Bismuth Bicycles: In Situ Access to Stable Constrained Peptides with Superior Bioactivity. Angewandte Chemie, 2022, 134, .	2.0	3
3	Genetic Encoding of Cyanopyridylalanine for Inâ€Cell Protein Macrocyclization by the Nitrileâ€“Aminothiol Click Reaction. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
4	Organoarsenic probes to study proteins by NMR spectroscopy. Chemical Communications, 2022, 58, 701-704.	4.1	1
5	Paramagnetic Chemical Probes for Studying Biological Macromolecules. Chemical Reviews, 2022, 122, 9571-9642.	47.7	36
6	Antiviral cyclic peptides targeting the main protease of SARS-CoV-2. Chemical Science, 2022, 13, 3826-3836.	7.4	29
7	Main protease mutants of SARS-CoV-2 variants remain susceptible to nirmatrelvir. Bioorganic and Medicinal Chemistry Letters, 2022, 62, 128629.	2.2	131
8	A biocompatible stapling reaction for in situ generation of constrained peptides. Chemical Science, 2021, 12, 669-674.	7.4	25
9	2-Cyanoisonicotinamide Conjugation: A Facile Approach to Generate Potent Peptide Inhibitors of the Zika Virus Protease. ACS Medicinal Chemistry Letters, 2021, 12, 732-737.	2.8	21
10	Challenges of short substrate analogues as SARS-CoV-2 main protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 50, 128333.	2.2	26
11	Targeting the protease of West Nile virus. RSC Medicinal Chemistry, 2021, 12, 1262-1272.	3.9	6
12	Nanoparticular Inhibitors of Flavivirus Proteases from Zika, West Nile and Dengue Virus Are Cell-Permeable Antivirals. ACS Medicinal Chemistry Letters, 2021, 12, 1955-1961.	2.8	3
13	Inhibitors of the Zika virus protease NS2B-NS3. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126965.	2.2	56
14	Catching a Moving Target: Comparative Modeling of Flaviviral NS2B-NS3 Reveals Small Molecule Zika Protease Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 514-520.	2.8	10
15	The SARS-CoV-2 main protease as drug target. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127377.	2.2	550
16	Biocompatible Macrocyclization between Cysteine and 2-Cyanopyridine Generates Stable Peptide Inhibitors. Organic Letters, 2019, 21, 4709-4712.	4.6	46
17	Proteases from dengue, West Nile and Zika viruses as drug targets. Biophysical Reviews, 2019, 11, 157-165.	3.2	51
18	De Novo Discovery of Nonstandard Macrocyclic Peptides as Noncompetitive Inhibitors of the Zika Virus NS2B-NS3 Protease. ACS Medicinal Chemistry Letters, 2019, 10, 168-174.	2.8	62

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19	Trimethylsilyl tag for probing proteinâ€“ligand interactions by NMR. Journal of Biomolecular NMR, 2018, 70, 211-218.	2.8	9
20	NMR studies of ligand binding. Current Opinion in Structural Biology, 2018, 48, 16-22.	5.7	48
21	Strategies Towards Protease Inhibitors for Emerging Flaviviruses. Advances in Experimental Medicine and Biology, 2018, 1062, 175-186.	1.6	33
22	Small neutral Gd(<scp>iii</scp>) tags for distance measurements in proteins by double electronâ€“electron resonance experiments. Physical Chemistry Chemical Physics, 2018, 20, 23535-23545.	2.8	22
23	Intrinsic and Extrinsic Paramagnetic Probes. New Developments in NMR, 2018, , 42-84.	0.1	9
24	Peptideâ€“Boronic Acid Inhibitors of Flaviviral Proteases: Medicinal Chemistry and Structural Biology. Journal of Medicinal Chemistry, 2017, 60, 511-516.	6.4	105
25	Solution conformations of a linked construct of the Zika virus NS2B-NS3 protease. Antiviral Research, 2017, 142, 141-147.	4.1	45
26	Pseudocontact shifts in biomolecular NMR using paramagnetic metal tags. Progress in Nuclear Magnetic Resonance Spectroscopy, 2017, 98-99, 20-49.	7.5	125
27	Site-selective tagging of proteins by pnictogen-mediated self-assembly. Chemical Communications, 2017, 53, 10894-10897.	4.1	15
28	Crystal structure of Zika virus NS2B-NS3 protease in complex with a boronate inhibitor. Science, 2016, 353, 503-505.	12.6	285
29	The Medicinal Chemistry of Dengue Virus. Journal of Medicinal Chemistry, 2016, 59, 5622-5649.	6.4	114
30	Sensitive NMR Approach for Determining the Binding Mode of Tightly Binding Ligand Molecules to Protein Targets. Journal of the American Chemical Society, 2016, 138, 4539-4546.	13.7	53
31	Dual inhibitors of the dengue and West Nile virus NS2Bâ€“NS3 proteases: Synthesis, biological evaluation and docking studies of novel peptide-hybrids. Bioorganic and Medicinal Chemistry, 2015, 23, 5748-5755.	3.0	37
32	Phenylalanine and Phenylglycine Analogues as Arginine Mimetics in Dengue Protease Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 7719-7733.	6.4	69
33	C-Terminal Residue Optimization and Fragment Merging: Discovery of a Potent Peptide-Hybrid Inhibitor of Dengue Protease. ACS Medicinal Chemistry Letters, 2014, 5, 1037-1042.	2.8	51
34	Promiscuity and Selectivity in Covalent Enzyme Inhibition: AÂSystematic Study of Electrophilic Fragments. Journal of Medicinal Chemistry, 2014, 57, 7590-7599.	6.4	134
35	Biochemistry and Medicinal Chemistry of the Dengue Virus Protease. Chemical Reviews, 2014, 114, 11348-11381.	47.7	120
36	The dengue virus NS2Bâ€“NS3 protease retains the closed conformation in the complex with BPTI. FEBS Letters, 2014, 588, 2206-2211.	2.8	46

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37	Thiazolidinoneâ€“Peptide Hybrids as Dengue Virus Protease Inhibitors with Antiviral Activity in Cell Culture. Journal of Medicinal Chemistry, 2013, 56, 8389-8403.	6.4	110
38	Cytotoxic betulin-derived hydroxypropargylamines trigger apoptosis. Bioorganic and Medicinal Chemistry, 2013, 21, 425-435.	3.0	29
39	Fluorimetric and HPLC-Based Dengue Virus Protease Assays Using a FRET Substrate. Methods in Molecular Biology, 2013, 1030, 221-236.	0.9	19
40	Aqueous microwave-assisted one-pot synthesis of N-substituted rhodanines. Tetrahedron Letters, 2012, 53, 5197-5201.	1.4	42
41	Retro peptide-hybrids as selective inhibitors of the Dengue virus NS2B-NS3 protease. Antiviral Research, 2012, 94, 72-79.	4.1	78
42	Arylcyanoacrylamides as inhibitors of the Dengue and West Nile virus proteases. Bioorganic and Medicinal Chemistry, 2011, 19, 7318-7337.	3.0	90
43	Genetic Encoding of Cyanopyridylalanine for Inâ€Cell Protein Macrocyclization by the Nitrileâ€Aminothiol Click Reaction. Angewandte Chemie, 0, , .	2.0	0