# Christoph Nitsche

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4169255/publications.pdf

Version: 2024-02-01

| 43 | 2,783 | 218381 | 264894 |
|---|---|---|---|
| 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, . | 7.2 | 11 |
| 2 | Peptideâ€“Bismuth Bicycles: In Situ Access to Stable Constrained Peptides with Superior Bioactivity. Angewandte Chemie, 2022, 134, . | 1.6 | 3 |
| 3 | Genetic Encoding of Cyanopyridylalanine for Inâ€Cell Protein Macrocyclization by the Nitrileâ€“Aminothiol Click Reaction. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 15 |
| 4 | Organoarsenic probes to study proteins by NMR spectroscopy. Chemical Communications, 2022, 58, 701-704. | 2.2 | 1 |
| 5 | Paramagnetic Chemical Probes for Studying Biological Macromolecules. Chemical Reviews, 2022, 122, 9571-9642. | 23.0 | 36 |
| 6 | Antiviral cyclic peptides targeting the main protease of SARS-CoV-2. Chemical Science, 2022, 13, 3826-3836. | 3.7 | 29 |
| 7 | Main protease mutants of SARS-CoV-2 variants remain susceptible to nirmatrelvir. Bioorganic and Medicinal Chemistry Letters, 2022, 62, 128629. | 1.0 | 131 |
| 8 | A biocompatible stapling reaction for in situ generation of constrained peptides. Chemical Science, 2021, 12, 669-674. | 3.7 | 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. | 1.3 | 21 |
| 10 | Challenges of short substrate analogues as SARS-CoV-2 main protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 50, 128333. | 1.0 | 26 |
| 11 | Targeting the protease of West Nile virus. RSC Medicinal Chemistry, 2021, 12, 1262-1272. | 1.7 | 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. | 1.3 | 3 |
| 13 | Inhibitors of the Zika virus protease NS2B-NS3. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126965. | 1.0 | 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. | 1.3 | 10 |
| 15 | The SARS-CoV-2 main protease as drug target. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127377. | 1.0 | 550 |
| 16 | Biocompatible Macrocyclization between Cysteine and 2-Cyanopyridine Generates Stable Peptide Inhibitors. Organic Letters, 2019, 21, 4709-4712. | 2.4 | 46 |
| 17 | Proteases from dengue, West Nile and Zika viruses as drug targets. Biophysical Reviews, 2019, 11, 157-165. | 1.5 | 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. | 1.3 | 62 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Trimethylsilyl tag for probing proteinâ€“ligand interactions by NMR. Journal of Biomolecular NMR, 2018, 70, 211-218. | 1.6 | 9 |
| 20 | NMR studies of ligand binding. Current Opinion in Structural Biology, 2018, 48, 16-22. | 2.6 | 48 |
| 21 | Strategies Towards Protease Inhibitors for Emerging Flaviviruses. Advances in Experimental Medicine and Biology, 2018, 1062, 175-186. | 0.8 | 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. | 1.3 | 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. | 2.9 | 105 |
| 25 | Solution conformations of a linked construct of the Zika virus NS2B-NS3 protease. Antiviral Research, 2017, 142, 141-147. | 1.9 | 45 |
| 26 | Pseudocontact shifts in biomolecular NMR using paramagnetic metal tags. Progress in Nuclear Magnetic Resonance Spectroscopy, 2017, 98-99, 20-49. | 3.9 | 125 |
| 27 | Site-selective tagging of proteins by pnictogen-mediated self-assembly. Chemical Communications, 2017, 53, 10894-10897. | 2.2 | 15 |
| 28 | Crystal structure of Zika virus NS2B-NS3 protease in complex with a boronate inhibitor. Science, 2016, 353, 503-505. | 6.0 | 285 |
| 29 | The Medicinal Chemistry of Dengue Virus. Journal of Medicinal Chemistry, 2016, 59, 5622-5649. | 2.9 | 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. | 6.6 | 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. | 1.4 | 37 |
| 32 | Phenylalanine and Phenylglycine Analogues as Arginine Mimetics in Dengue Protease Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 7719-7733. | 2.9 | 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. | 1.3 | 51 |
| 34 | Promiscuity and Selectivity in Covalent Enzyme Inhibition: AÂSystematic Study of Electrophilic Fragments. Journal of Medicinal Chemistry, 2014, 57, 7590-7599. | 2.9 | 134 |
| 35 | Biochemistry and Medicinal Chemistry of the Dengue Virus Protease. Chemical Reviews, 2014, 114, 11348-11381. | 23.0 | 120 |
| 36 | The dengue virus NS2Bâ€“NS3 protease retains the closed conformation in the complex with BPTI. FEBS Letters, 2014, 588, 2206-2211. | 1.3 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Thiazolidinoneâ€“Peptide Hybrids as Dengue Virus Protease Inhibitors with Antiviral Activity in Cell Culture. Journal of Medicinal Chemistry, 2013, 56, 8389-8403. | 2.9 | 110 |
| 38 | Cytotoxic betulin-derived hydroxypropargylamines trigger apoptosis. Bioorganic and Medicinal Chemistry, 2013, 21, 425-435. | 1.4 | 29 |
| 39 | Fluorimetric and HPLC-Based Dengue Virus Protease Assays Using a FRET Substrate. Methods in Molecular Biology, 2013, 1030, 221-236. | 0.4 | 19 |
| 40 | Aqueous microwave-assisted one-pot synthesis of N-substituted rhodanines. Tetrahedron Letters, 2012, 53, 5197-5201. | 0.7 | 42 |
| 41 | Retro peptide-hybrids as selective inhibitors of the Dengue virus NS2B-NS3 protease. Antiviral Research, 2012, 94, 72-79. | 1.9 | 78 |
| 42 | Arylcyanoacrylamides as inhibitors of the Dengue and West Nile virus proteases. Bioorganic and Medicinal Chemistry, 2011, 19, 7318-7337. | 1.4 | 90 |
| 43 | Genetic Encoding of Cyanopyridylalanine for Inâ€Cell Protein Macrocyclization by the Nitrileâ€Aminothiol Click Reaction. Angewandte Chemie, 0, , . | 1.6 | 0 |