## **Christoph Sotriffer**

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | PROTAC-mediated degradation reveals a non-catalytic function of AURORA-A kinase. Nature Chemical<br>Biology, 2020, 16, 1179-1188.   | 8.0  | 73        |
| 2  | Highly Selective Butyrylcholinesterase Inhibitors with Tunable Duration of Action by Chemical<br>Modification of Transferable Carbamate Units Exhibit Pronounced Neuroprotective Effect in an<br>Alzheimer's Disease Mouse Model. Journal of Medicinal Chemistry, 2019, 62, 9116-9140.    | 6.4  | 59        |
| 3  | Melatonin receptor ligands: A pharmacoâ€chemical perspective. Journal of Pineal Research, 2020, 69,<br>e12672.  | 7.4  | 39        |
| 4  | Design, Synthesis, and Evaluation of WD-Repeat-Containing Protein 5 (WDR5) Degraders. Journal of<br>Medicinal Chemistry, 2021, 64, 10682-10710.   | 6.4  | 38        |
| 5  | Docking of Covalent Ligands: Challenges and Approaches. Molecular Informatics, 2018, 37, e1800062.  | 2.5  | 35        |
| 6  | Melatonin- and Ferulic Acid-Based HDAC6 Selective Inhibitors Exhibit Pronounced Immunomodulatory<br>Effects <i>In Vitro</i> and Neuroprotective Effects in a Pharmacological Alzheimer's Disease Mouse<br>Model. Journal of Medicinal Chemistry, 2021, 64, 3794-3812.                     | 6.4  | 34        |
| 7  | Dissecting the Specificity of Adenosyl Sulfamate Inhibitors Targeting the Ubiquitin-Activating Enzyme.<br>Structure, 2017, 25, 1120-1129.e3.  | 3.3  | 30        |
| 8  | Aminobenzimidazoles and Structural Isomers as Templates for Dualâ€Acting Butyrylcholinesterase<br>Inhibitors and <i>h</i> CB <sub>2</sub> R Ligands To Combat Neurodegenerative Disorders.<br>ChemMedChem, 2016, 11, 1270-1283.   | 3.2  | 28        |
| 9  | Elucidating the Molecular Basis for Inhibitory Neurotransmission Regulation by Artemisinins.<br>Neuron, 2019, 101, 673-689.e11.   | 8.1  | 24        |
| 10 | Photoswitchable Pseudoirreversible Butyrylcholinesterase Inhibitors Allow Optical Control of<br>Inhibition <i>in Vitro</i> and Enable Restoration of Cognition in an Alzheimer's Disease Mouse Model<br>upon Irradiation. Journal of the American Chemical Society, 2022, 144, 3279-3284. | 13.7 | 22        |
| 11 | Molecular Insights into Site-Specific Interferon-α2a Bioconjugates Originated from PEG, LPG, and<br>PEtOx. Biomacromolecules, 2021, 22, 4521-4534.  | 5.4  | 21        |
| 12 | Autoinhibition Mechanism of the Ubiquitin-Conjugating Enzyme UBE2S by Autoubiquitination.<br>Structure, 2019, 27, 1195-1210.e7.   | 3.3  | 20        |
| 13 | Novel bipharmacophoric inhibitors of the cholinesterases with affinity to the muscarinic receptors<br>M <sub>1</sub> and M <sub>2</sub> . MedChemComm, 2017, 8, 1346-1359.  | 3.4  | 10        |
| 14 | How To Design Selective Ligands for Highly Conserved Binding Sites: A Case Study Using<br><i>N</i> -Myristoyltransferases as a Model System. Journal of Medicinal Chemistry, 2020, 63, 2095-2113.   | 6.4  | 10        |
| 15 | Tacrine-xanomeline and tacrine-iperoxo hybrid ligands: Synthesis and biological evaluation at<br>acetylcholinesterase and M1 muscarinic acetylcholine receptors. Bioorganic Chemistry, 2020, 96,<br>103633.   | 4.1  | 10        |
| 16 | Oxime Ethers of (E)-11-lsonitrosostrychnine as Highly Potent Glycine Receptor Antagonists. Journal of<br>Natural Products, 2016, 79, 2997-3005.   | 3.0  | 8         |
| 17 | Structural Basis of Substrate Recognition and Covalent Inhibition of Cdu1 from <i>Chlamydia trachomatis</i> . ChemMedChem, 2018, 13, 2014-2023.   | 3.2  | 8         |
| 18 | Controlling Supramolecular Structures of Drugs by Light. Molecular Pharmaceutics, 2020, 17, 4704-4708.  | 4.6  | 7         |

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|----|--|-----|-----------|
| 19 | 11-Aminostrychnine and <i>N</i> -(Strychnine-11-yl)propionamide: Synthesis, Configuration, and<br>Pharmacological Evaluation at Glycine Receptors. Journal of Natural Products, 2019, 82, 2332-2336.                               | 3.0 | 4         |
| 20 | A Long Residence Time Enoyl-Reductase Inhibitor Explores an Extended Binding Region with<br>Isoenzyme-Dependent Tautomer Adaptation and Differential Substrate-Binding Loop Closure. ACS<br>Infectious Diseases, 2021, 7, 746-758. | 3.8 | 4         |
| 21 | Predicting Bile and Lipid Interaction for Drug Substances. Molecular Pharmaceutics, 2022, 19, 2868-2876.   | 4.6 | 4         |
| 22 | Extending the Scope of GTFR Glucosylation Reactions with Tosylated Substrates for Rare Sugars Synthesis. ChemBioChem, 2017, 18, 2012-2015.   | 2.6 | 1         |
| 23 | C-2-Linked Dimeric Strychnine Analogues as Bivalent Ligands Targeting Glycine Receptors. Journal of<br>Natural Products, 2021, 84, 382-394.  | 3.0 | 1         |
| 24 | Activity-based classification circumvents affinity prediction problems for pyrrolidine carboxamide inhibitors of InhA. Journal of Molecular Graphics and Modelling, 2018, 80, 76-84.   | 2.4 | 0         |