# Daniel Abegg

List of Publications by Year
in descending order



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|---|---|---|---|
| 39 papers | 1,238 citations | 430874 18 h-index | 377865 34 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 1527 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Proteomeâ€Wide Profiling of Targets of Cysteine reactive Small Molecules by Using Ethynyl Benziodoxolone Reagents. Angewandte Chemie - International Edition, 2015, 54, 10852-10857. | 13.8 | 124 |
| 2 | Small-molecule targeted recruitment of a nuclease to cleave an oncogenic RNA in a mouse model of metastatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2406-2411. | 7.1 | 116 |
| 3 | Strained Cyclic Disulfides Enable Cellular Uptake by Reacting with the Transferrin Receptor. Journal of the American Chemical Society, 2017, 139, 231-238. | 13.7 | 99 |
| 4 | Translation of the intrinsically disordered protein Î±-synuclein is inhibited by a small molecule targeting its structured mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1457-1467. | 7.1 | 69 |
| 5 | Epidithiodiketopiperazines: Strain-Promoted Thiol-Mediated Cellular Uptake at the Highest Tension. ACS Central Science, 2017, 3, 449-453. | 11.3 | 66 |
| 6 | Reprogramming of Protein-Targeted Small-Molecule Medicines to RNA by Ribonuclease Recruitment. Journal of the American Chemical Society, 2021, 143, 13044-13055. | 13.7 | 56 |
| 7 | A Designed Small Molecule Inhibitor of a Non-Coding RNA Sensitizes HER2 Negative Cancers to Herceptin. Journal of the American Chemical Society, 2019, 141, 2960-2974. | 13.7 | 52 |
| 8 | Design of a small molecule that stimulates vascular endothelial growth factor A enabled by screening RNA foldâ€“small molecule interactions. Nature Chemistry, 2020, 12, 952-961. | 13.6 | 51 |
| 9 | Cysteine-reactive probes and their use in chemical proteomics. Chemical Communications, 2018, 54, 4501-4512. | 4.1 | 50 |
| 10 | S100A11/ANXA2 belongs to a tumour suppressor/oncogene network deregulated early with steatosis and involved in inflammation and hepatocellular carcinoma development. Gut, 2020, 69, 1841-1854. | 12.1 | 50 |
| 11 | Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. Angewandte Chemie - International Edition, 2020, 59, 10961-10970. | 13.8 | 46 |
| 12 | Chemoproteomicsâ€Enabled Discovery of a Potent and Selective Inhibitor of the DNA Repair Protein MGMT. Angewandte Chemie - International Edition, 2016, 55, 2911-2915. | 13.8 | 42 |
| 13 | Total Synthesis, Biological Evaluation, and Target Identification of Rare Abies Sesquiterpenoids. Journal of the American Chemical Society, 2018, 140, 17465-17473. | 13.7 | 36 |
| 14 | Divergent synthesis and identification of the cellular targets of deoxyelephantopins. Nature Communications, 2016, 7, 12470. | 12.8 | 32 |
| 15 | DNA-encoded library versus RNA-encoded library selection enables design of an oncogenic noncoding RNA inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 24 |
| 16 | Total Synthesis and Target Identification of the Curcusone Diterpenes. Journal of the American Chemical Society, 2021, 143, 4379-4386. | 13.7 | 23 |
| 17 | Chemoproteomic Profiling by Cysteine Fluoroalkylation Reveals Myrocin G as an Inhibitor of the Nonhomologous End Joining DNA Repair Pathway. Journal of the American Chemical Society, 2021, 143, 20332-20342. | 13.7 | 22 |
| 18 | Discovery and Evaluation of New Activityâ€Based Probes for Serine Hydrolases. ChemBioChem, 2019, 20, 2212-2216. | 2.6 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genetic Ablation of MiR-22 Fosters Diet-Induced Obesity and NAFLD Development. Journal of Personalized Medicine, 2020, 10, 170. | 2.5 | 21 |
| 20 | Transcriptome-Wide Mapping of Small-Molecule RNA-Binding Sites in Cells Informs an Isoform-Specific Degrader of QSOX1 mRNA. Journal of the American Chemical Society, 2022, 144, 11620-11625. | 13.7 | 21 |
| 21 | Clathrin and AP1 are required for apical sorting of glycosyl phosphatidyl inositolâ€anchored proteins in biosynthetic and recycling routes in Madinâ€Darby canine kidney cells. Traffic, 2018, 19, 215-228. | 2.7 | 16 |
| 22 | Physical and Functional Analysis of the Putative Rpn13 Inhibitor RA190. Cell Chemical Biology, 2020, 27, 1371-1382.e6. | 5.2 | 16 |
| 23 | Combined Omics Approach Identifies Gambogic Acid and Related Xanthones as Covalent Inhibitors of the Serine Palmitoyltransferase Complex. Cell Chemical Biology, 2020, 27, 586-597.e12. | 5.2 | 16 |
| 24 | Clinical Antiviral Drug Arbidol Inhibits Infection by SARS-CoV-2 and Variants through Direct Binding to the Spike Protein. ACS Chemical Biology, 2021, 16, 2845-2851. | 3.4 | 16 |
| 25 | 1-Deoxydihydroceramide causes anoxic death by impairing chaperonin-mediated protein folding. Nature Metabolism, 2019, 1, 996-1008. | 11.9 | 15 |
| 26 | Dichloro Butenediamides as Irreversible Siteâ€Selective Protein Conjugation Reagent. Angewandte Chemie - International Edition, 2021, 60, 23750-23755. | 13.8 | 15 |
| 27 | Artemisinin inhibits NRas palmitoylation by targeting the protein acyltransferase ZDHHC6. Cell Chemical Biology, 2022, 29, 530-537.e7. | 5.2 | 14 |
| 28 | A structure-specific small molecule inhibits a miRNA-200 family member precursor and reverses a type 2 diabetes phenotype. Cell Chemical Biology, 2022, 29, 300-311.e10. | 5.2 | 13 |
| 29 | Chemoproteomicsâ€Enabled De Novo Discovery of Photoswitchable Carboxylesterase Inhibitors for Optically Controlled Drug Metabolism. Angewandte Chemie - International Edition, 2021, 60, 3071-3079. | 13.8 | 12 |
| 30 | The SAGA complex, together with transcription factors and the endocytic protein Rvs167p, coordinates the reprofiling of gene expression in response to changes in sterol composition inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2017, 28, 2637-2649. | 2.1 | 11 |
| 31 | Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. Angewandte Chemie, 2020, 132, 11054-11063. | 2.0 | 10 |
| 32 | Chemoproteomikâ€vermittelte Entdeckung eines potenten und selektiven Inhibitors des DNAâ€Reparaturproteins MGMT. Angewandte Chemie, 2016, 128, 2964-2968. | 2.0 | 7 |
| 33 | Rational Approach to Identify RNA Targets of Natural Products Enables Identification of Nocathiacin as an Inhibitor of an Oncogenic RNA. ACS Chemical Biology, 2022, 17, 474-482. | 3.4 | 5 |
| 34 | Hepatic PTEN Signaling Regulates Systemic Metabolic Homeostasis through Hepatokines-Mediated Liver-to-Peripheral Organs Crosstalk. International Journal of Molecular Sciences, 2022, 23, 3959. | 4.1 | 5 |
| 35 | Chemoproteomicsâ€Enabled De Novo Discovery of Photoswitchable Carboxylesterase Inhibitors for Optically Controlled Drug Metabolism. Angewandte Chemie, 2021, 133, 3108-3116. | 2.0 | 3 |
| 36 | Dichloro Butenediamides as Irreversible Siteâ€Selective Protein Conjugation Reagent. Angewandte Chemie, 2021, 133, 23943. | 2.0 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The Pseudoâ€Natural Product Rhonin Targets RHOGDI. Angewandte Chemie, 0, , . | 2.0 | 2 |
| 38 | Frontispiz: Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. Angewandte Chemie, 2020, 132, . | 2.0 | 0 |
| 39 | Frontispiece: Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. Angewandte Chemie - International Edition, 2020, 59, . | 13.8 | 0 |