

# Daniel Abegg

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A structure-specific small molecule inhibits a miRNA-200 family member precursor and reverses a type 2 diabetes phenotype. <i>Cell Chemical Biology</i> , 2022, 29, 300-311.e10.	5.2	13
2	Artemisinin inhibits NRas palmitoylation by targeting the protein acyltransferase ZDHHC6. <i>Cell Chemical Biology</i> , 2022, 29, 530-537.e7.	5.2	14
3	Rational Approach to Identify RNA Targets of Natural Products Enables Identification of Nocathiacin as an Inhibitor of an Oncogenic RNA. <i>ACS Chemical Biology</i> , 2022, 17, 474-482.	3.4	5
4	DNA-encoded library versus RNA-encoded library selection enables design of an oncogenic noncoding RNA inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	24
5	Hepatic PTEN Signaling Regulates Systemic Metabolic Homeostasis through Hepatokines-Mediated Liver-to-Peripheral Organs Crosstalk. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3959.	4.1	5
6	Transcriptome-Wide Mapping of Small-Molecule RNA-Binding Sites in Cells Informs an Isoform-Specific Degradation of QSOX1 mRNA. <i>Journal of the American Chemical Society</i> , 2022, 144, 11620-11625.	13.7	21
7	Chemoproteomics Enabled De Novo Discovery of Photoswitchable Carboxylesterase Inhibitors for Optically Controlled Drug Metabolism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3071-3079.	13.8	12
8	Chemoproteomics Enabled De Novo Discovery of Photoswitchable Carboxylesterase Inhibitors for Optically Controlled Drug Metabolism. <i>Angewandte Chemie</i> , 2021, 133, 3108-3116.	2.0	3
9	Total Synthesis and Target Identification of the Curcusone Diterpenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 4379-4386.	13.7	23
10	Reprogramming of Protein-Targeted Small-Molecule Medicines to RNA by Ribonuclease Recruitment. <i>Journal of the American Chemical Society</i> , 2021, 143, 13044-13055.	13.7	56
11	Dichloro Butenediamides as Irreversible Site-Selective Protein Conjugation Reagent. <i>Angewandte Chemie</i> , 2021, 133, 23943.	2.0	2
12	Dichloro Butenediamides as Irreversible Site-Selective Protein Conjugation Reagent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23750-23755.	13.8	15
13	Chemoproteomic Profiling by Cysteine Fluoroalkylation Reveals Myrocin G as an Inhibitor of the Nonhomologous End Joining DNA Repair Pathway. <i>Journal of the American Chemical Society</i> , 2021, 143, 20332-20342.	13.7	22
14	Clinical Antiviral Drug Arbidol Inhibits Infection by SARS-CoV-2 and Variants through Direct Binding to the Spike Protein. <i>ACS Chemical Biology</i> , 2021, 16, 2845-2851.	3.4	16
15	Translation of the intrinsically disordered protein $\alpha$ -synuclein is inhibited by a small molecule targeting its structured mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1457-1467.	7.1	69
16	Genetic Ablation of MiR-22 Fosters Diet-Induced Obesity and NAFLD Development. <i>Journal of Personalized Medicine</i> , 2020, 10, 170.	2.5	21
17	Physical and Functional Analysis of the Putative Rpn13 Inhibitor RA190. <i>Cell Chemical Biology</i> , 2020, 27, 1371-1382.e6.	5.2	16
18	Frontispiz: Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0

#	ARTICLE	IF	CITATIONS
19	Design of a small molecule that stimulates vascular endothelial growth factor A enabled by screening RNA foldâ€‘small molecule interactions. <i>Nature Chemistry</i> , 2020, 12, 952-961.	13.6	51
20	Frontispiece: Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0
21	Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10961-10970.	13.8	46
22	Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie</i> , 2020, 132, 11054-11063.	2.0	10
23	S100A11/ANXA2 belongs to a tumour suppressor/oncogene network deregulated early with steatosis and involved in inflammation and hepatocellular carcinoma development. <i>Gut</i> , 2020, 69, 1841-1854.	12.1	50
24	Small-molecule targeted recruitment of a nuclease to cleave an oncogenic RNA in a mouse model of metastatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2406-2411.	7.1	116
25	Combined Omics Approach Identifies Gambogic Acid and Related Xanthenes as Covalent Inhibitors of the Serine Palmitoyltransferase Complex. <i>Cell Chemical Biology</i> , 2020, 27, 586-597.e12.	5.2	16
26	Discovery and Evaluation of New Activityâ€‘Based Probes for Serine Hydrolases. <i>ChemBioChem</i> , 2019, 20, 2212-2216.	2.6	21
27	A Designed Small Molecule Inhibitor of a Non-Coding RNA Sensitizes HER2 Negative Cancers to Herceptin. <i>Journal of the American Chemical Society</i> , 2019, 141, 2960-2974.	13.7	52
28	1-Deoxydihydroceramide causes anoxic death by impairing chaperonin-mediated protein folding. <i>Nature Metabolism</i> , 2019, 1, 996-1008.	11.9	15
29	Cysteine-reactive probes and their use in chemical proteomics. <i>Chemical Communications</i> , 2018, 54, 4501-4512.	4.1	50
30	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. <i>Traffic</i> , 2018, 19, 215-228.	2.7	16
31	Total Synthesis, Biological Evaluation, and Target Identification of Rare <i>Abies</i> Sesquiterpenoids. <i>Journal of the American Chemical Society</i> , 2018, 140, 17465-17473.	13.7	36
32	Strained Cyclic Disulfides Enable Cellular Uptake by Reacting with the Transferrin Receptor. <i>Journal of the American Chemical Society</i> , 2017, 139, 231-238.	13.7	99
33	Epidithiodiketopiperazines: Strain-Promoted Thiol-Mediated Cellular Uptake at the Highest Tension. <i>ACS Central Science</i> , 2017, 3, 449-453.	11.3	66
34	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 in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2017, 28, 2637-2649.	2.1	11
35	Divergent synthesis and identification of the cellular targets of deoxyelephantopins. <i>Nature Communications</i> , 2016, 7, 12470.	12.8	32
36	Chemoproteomicsâ€‘Enabled Discovery of a Potent and Selective Inhibitor of the DNA Repair Protein MGMT. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2911-2915.	13.8	42

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37	Chemoproteomikâ€vermittelte Entdeckung eines potenten und selektiven Inhibitors des DNAâ€Reparaturproteins MGMT. Angewandte Chemie, 2016, 128, 2964-2968.	2.0	7
38	Proteomeâ€Wide Profiling of Targets of Cysteine reactive Small Molecules by Using Ethynyl Benzydioxolone Reagents. Angewandte Chemie - International Edition, 2015, 54, 10852-10857.	13.8	124
39	The Pseudoâ€Natural Product Rhonin Targets RHOGDI. Angewandte Chemie, 0, , .	2.0	2