

# Dominic Hoepfner

## List of Publications by Year in descending order

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45  
papers

2,466  
citations

304743

22  
h-index

214800

47  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deliberations on Natural Products and Future Directions in the Pharmaceutical Industry. <i>Chimia</i> , 2021, 75, 620.	0.6	2
2	Genome-wide CRISPR-Cas9 screens identify mechanisms of BET bromodomain inhibitor sensitivity. <i>IScience</i> , 2021, 24, 103323.	4.1	5
3	Kendomycin Cytotoxicity against Bacterial, Fungal, and Mammalian Cells Is Due to Cation Chelation. <i>Journal of Natural Products</i> , 2020, 83, 965-971.	3.0	4
4	Jawsamycin exhibits in vivo antifungal properties by inhibiting Spt14/Gpi3-mediated biosynthesis of glycosylphosphatidylinositol. <i>Nature Communications</i> , 2020, 11, 3387.	12.8	19
5	IRF2 is a master regulator of human keratinocyte stem cell fate. <i>Nature Communications</i> , 2019, 10, 4676.	12.8	25
6	Auxin-Inducible Depletion of the Essentialome Suggests Inhibition of TORC1 by Auxins and Inhibition of Vrg4 by SDZ 90-215, a Natural Antifungal Cyclopeptide. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 829-840.	1.8	16
7	Previously Uncharacterized Vacuolar-type ATPase Binding Site Discovered from Structurally Similar Compounds with Distinct Mechanisms of Action. <i>ACS Chemical Biology</i> , 2019, 14, 20-26.	3.4	6
8	Design and Synthesis of Metabolically Stable tRNA Synthetase Inhibitors Derived from Cladosporin. <i>ChemBioChem</i> , 2019, 20, 644-649.	2.6	12
9	Discovery of a ZIP7 inhibitor from a Notch pathway screen. <i>Nature Chemical Biology</i> , 2019, 15, 179-188.	8.0	46
10	CRISPR/Cas9-Based Chemogenomic Profiling in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2019, 1888, 153-174.	0.9	3
11	Biosynthesis of fragin is controlled by a novel quorum sensing signal. <i>Nature Communications</i> , 2018, 9, 1297.	12.8	91
12	Target Identification and Mechanism of Action of Picolinamide and Benzamide Chemotypes with Antifungal Properties. <i>Cell Chemical Biology</i> , 2018, 25, 279-290.e7.	5.2	28
13	Cladosporin Derivatives Obtained by Biotransformation Provide Guidance for the Focused Derivatization of this Antimalarial Lead Compound. <i>ChemBioChem</i> , 2018, 20, 650-654.	2.6	9
14	Yeast Chemogenomic Profiling Reveals Iron Chelation To Be the Principle Cell Inhibitory Mode of Action of Gossypol. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7381-7386.	6.4	6
15	Identification of a novel NAMPT inhibitor by CRISPR/Cas9 chemogenomic profiling in mammalian cells. <i>Scientific Reports</i> , 2017, 7, 42728.	3.3	36
16	Two low complexity ultra-high throughput methods to identify diverse chemically bioactive molecules using <i>Saccharomyces cerevisiae</i> . <i>Microbiological Research</i> , 2017, 199, 10-18.	5.3	7
17	The Natural Product Cavinafungin Selectively Interferes with Zika and Dengue Virus Replication by Inhibition of the Host Signal Peptidase. <i>Cell Reports</i> , 2017, 19, 451-460.	6.4	63
18	Stendomycin selectively inhibits TIM23-dependent mitochondrial protein import. <i>Nature Chemical Biology</i> , 2017, 13, 1239-1244.	8.0	24

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19	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. <i>Nature</i> , 2017, 550, 114-118.	27.8	58
20	CRISPR-UMI: single-cell lineage tracing of pooled CRISPR-Cas9 screens. <i>Nature Methods</i> , 2017, 14, 1191-1197.	19.0	95
21	Direct Interaction of Chivosazole F with Actin Elicits Cell Responses Similar to Latrunculin A but Distinct from Chondramide. <i>ACS Chemical Biology</i> , 2017, 12, 2264-2269.	3.4	9
22	Chemogenomic Profiling: Past, Present and Beyond. <i>Cellular &amp; Molecular Medicine: Open Access</i> , 2016, 02, .	0.4	1
23	High-Resolution Genetics Identifies the Lipid Transfer Protein Sec14p as Target for Antifungal Ergolines. <i>PLoS Genetics</i> , 2016, 12, e1006374.	3.5	22
24	PrP-containing aggresomes are cytosolic components of an endoplasmic reticulum quality control mechanism. <i>Journal of Cell Science</i> , 2016, 129, 3635-3647.	2.0	8
25	Advantages and Challenges of Phenotypic Screens: The Identification of Two Novel Antifungal Geranylgeranyltransferase I Inhibitors. <i>Journal of Biomolecular Screening</i> , 2016, 21, 306-315.	2.6	9
26	FR171456 is a specific inhibitor of mammalian NSDHL and yeast Erg26p. <i>Nature Communications</i> , 2015, 6, 8613.	12.8	15
27	Nannocystin A: an Elongation Factor 1 Inhibitor from Myxobacteria with Differential Anti-Cancer Properties. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10149-10154.	13.8	91
28	Gift from Nature: Cyclomarin A Kills Mycobacteria and Malaria Parasites by Distinct Modes of Action. <i>ChemBioChem</i> , 2015, 16, 2433-2436.	2.6	40
29	Utilizing Chemical Genomics to Identify Cytochrome b as a Novel Drug Target for Chagas Disease. <i>PLoS Pathogens</i> , 2015, 11, e1005058.	4.7	52
30	Decatransin, a novel natural product inhibiting protein translocation at the Sec61/SecY translocon. <i>Journal of Cell Science</i> , 2015, 128, 1217-29.	2.0	52
31	The Novolactone Natural Product Disrupts the Allosteric Regulation of Hsp70. <i>Chemistry and Biology</i> , 2015, 22, 87-97.	6.0	49
32	Dark chemical matter as a promising starting point for drug lead discovery. <i>Nature Chemical Biology</i> , 2015, 11, 958-966.	8.0	110
33	High-resolution chemical dissection of a model eukaryote reveals targets, pathways and gene functions. <i>Microbiological Research</i> , 2014, 169, 107-120.	5.3	142
34	Organization of Organelles within Hyphae of <i>Ashbya gossypii</i> Revealed by Electron Tomography. <i>Eukaryotic Cell</i> , 2013, 12, 1423-1432.	3.4	12
35	TORC2 Signaling Pathway Guarantees Genome Stability in the Face of DNA Strand Breaks. <i>Molecular Cell</i> , 2013, 51, 829-839.	9.7	71
36	Evidence for a Functionally Relevant Rocaglamide Binding Site on the eIF4A-RNA Complex. <i>ACS Chemical Biology</i> , 2013, 8, 1519-1527.	3.4	102

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37	Identification and Evaluation of Novel Acetolactate Synthase Inhibitors as Antifungal Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2272-2280.	3.2	43
38	The Marine Natural Product Manzamine A Targets Vacuolar ATPases and Inhibits Autophagy in Pancreatic Cancer Cells. <i>Marine Drugs</i> , 2013, 11, 3500-3516.	4.6	55
39	Selective and Specific Inhibition of the Plasmodium falciparum Lysyl-tRNA Synthetase by the Fungal Secondary Metabolite Cladosporin. <i>Cell Host and Microbe</i> , 2012, 11, 654-663.	11.0	202
40	MHO1, an Evolutionarily Conserved Gene, Is Synthetic Lethal with PLC1; Mho1p Has a Role in Invasive Growth. <i>PLoS ONE</i> , 2012, 7, e32501.	2.5	16
41	An Integrated Approach for Identification and Target Validation of Antifungal Compounds Active against Erg11p. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4233-4240.	3.2	23
42	Identification of Elongation Factor G as the Conserved Cellular Target of Argyrin B. <i>PLoS ONE</i> , 2012, 7, e42657.	2.5	42
43	Contribution of the Endoplasmic Reticulum to Peroxisome Formation. <i>Cell</i> , 2005, 122, 85-95.	28.9	416
44	A role for Vps1p, actin, and the Myo2p motor in peroxisome abundance and inheritance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2001, 155, 979-990.	5.2	303
45	Analysis of deletion phenotypes and GFP fusions of 21 novel <i>Saccharomyces cerevisiae</i> open reading frames. <i>Yeast</i> , 2000, 16, 241-253.	1.7	17