

# Stephan M Hacker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/200928/publications.pdf>

Version: 2024-02-01

31  
papers

1,003  
citations

687363

13  
h-index

454955

30  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global profiling of lysine reactivity and ligandability in the human proteome. <i>Nature Chemistry</i> , 2017, 9, 1181-1190.	13.6	319
2	A proteome-wide atlas of lysine-reactive chemistry. <i>Nature Chemistry</i> , 2021, 13, 1081-1092.	13.6	107
3	Repurposing human kinase inhibitors to create an antibiotic active against drug-resistant <i>Staphylococcus aureus</i> , persisters and biofilms. <i>Nature Chemistry</i> , 2020, 12, 145-158.	13.6	78
4	Isotopically Labeled Desthiobiotin Azide (isoDTB) Tags Enable Global Profiling of the Bacterial Cysteinome. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2829-2836.	13.8	75
5	Light-Activatable, 2,5-Disubstituted Tetrazoles for the Proteome-wide Profiling of Aspartates and Glutamates in Living Bacteria. <i>ACS Central Science</i> , 2020, 6, 546-554.	11.3	71
6	Synthesis and fluorescence characteristics of ATP-based FRET probes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8298.	2.8	33
7	Synthesis and Stability of Phosphate Modified ATP Analogues. <i>Journal of Organic Chemistry</i> , 2012, 77, 10450-10454.	3.2	32
8	Fluorogenic ATP Analogues for Online Monitoring of ATP Consumption: Observing Ubiquitin Activation in Real Time. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11916-11919.	13.8	24
9	Selective Monitoring of the Enzymatic Activity of the Tumor Suppressor Fhit. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10247-10250.	13.8	24
10	Fingerprinting differential active site constraints of ATPases. <i>Chemical Science</i> , 2013, 4, 1588.	7.4	19
11	Broad Spectrum Antibiotic Xanthocillin X Effectively Kills <i>Acinetobacter baumannii</i> via Dysregulation of Heme Biosynthesis. <i>ACS Central Science</i> , 2021, 7, 488-498.	11.3	16
12	Monitoring enzymatic ATP hydrolysis by EPR spectroscopy. <i>Chemical Communications</i> , 2014, 50, 7262-7264.	4.1	15
13	Thiamine Pyrophosphate Stimulates Acetone Activation by <i>Desulfococcus biacutus</i> As Monitored by a Fluorogenic ATP Analogue. <i>ACS Chemical Biology</i> , 2014, 9, 1263-1266.	3.4	15
14	Direct Monitoring of Nucleotide Turnover in Human Cell Extracts and Cells by Fluorogenic ATP Analogs. <i>ACS Chemical Biology</i> , 2015, 10, 2544-2552.	3.4	13
15	Phosphate-Modified Nucleotides for Monitoring Enzyme Activity. <i>Topics in Current Chemistry</i> , 2017, 375, 28.	5.8	13
16	Neocarzilin A Is a Potent Inhibitor of Cancer Cell Motility Targeting VAT-1 Controlled Pathways. <i>ACS Central Science</i> , 2019, 5, 1170-1178.	11.3	12
17	Competitive profiling of ligandable cysteines in <i>Staphylococcus aureus</i> with an organogold compound. <i>Chemical Communications</i> , 2022, 58, 5526-5529.	4.1	12
18	Isotopically Labeled Desthiobiotin Azide (isoDTB) Tags Enable Global Profiling of the Bacterial Cysteinome. <i>Angewandte Chemie</i> , 2020, 132, 2851-2858.	2.0	11

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19	A tailored phosphoaspartate probe unravels CprR as a response regulator in <i>Pseudomonas aeruginosa</i> interkingdom signaling. <i>Chemical Science</i> , 2021, 12, 4763-4770.	7.4	10
20	Small-Molecule Inhibitors of the Tumor Suppressor Fhit. <i>ChemBioChem</i> , 2017, 18, 1707-1711.	2.6	8
21	Degrasyn exhibits antibiotic activity against multi-resistant <i>Staphylococcus aureus</i> by modifying several essential cysteines. <i>Chemical Communications</i> , 2020, 56, 2929-2932.	4.1	8
22	Inhibitors of the Diadenosine Tetraphosphate Phosphorylase Rv2613c of <i>Mycobacterium tuberculosis</i> . <i>ACS Chemical Biology</i> , 2017, 12, 2682-2689.	3.4	7
23	Selektive Beobachtung der enzymatischen Aktivität des Tumorsuppressors Fhit. <i>Angewandte Chemie</i> , 2014, 126, 10413-10416.	2.0	6
24	Different Enzymatic Processing of $\gamma$ -Phosphoramidate and $\gamma$ -Phosphoester-Modified ATP Analogues. <i>ChemBioChem</i> , 2017, 18, 378-381.	2.6	6
25	Eukaryotic catecholamine hormones influence the chemotactic control of <i>Vibrio campbellii</i> by binding to the coupling protein CheW. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118227119.	7.1	6
26	HSP-90/kinase complexes are stabilized by the large PPIase FKB-6. <i>Scientific Reports</i> , 2021, 11, 12347.	3.3	4
27	Synthesis of $\gamma$ -Phosphate-Labeled and Doubly Labeled Adenosine Triphosphate Analogs. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2015, 60, 13.14.1-13.14.25.	0.5	2
28	Promising reversible protein inhibitors kept on target. <i>Nature</i> , 2022, 603, 583-584.	27.8	2
29	SDR enzymes oxidize specific lipidic alkynylcarbinols into cytotoxic protein-reactive species. <i>ELife</i> , 2022, 11, .	6.0	2
30	Chemical biology in drug discovery. <i>Biological Chemistry</i> , 2022, 403, 361-362.	2.5	1
31	Trendbericht Biochemie: Kovalente Proteinliganden. <i>Nachrichten Aus Der Chemie</i> , 2021, 69, 57-59.	0.0	0