

Stephan A Sieber

List of Publications by Year in descending order

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130
papers

4,767
citations

101543

36
h-index

128289

60
g-index

143
all docs

143
docs citations

143
times ranked

5564
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical proteomics approaches for identifying the cellular targets of natural products. <i>Natural Product Reports</i> , 2016, 33, 681-708.	10.3	295
2	The microstructure and micromechanics of the tendonâ€“bone insertion. <i>Nature Materials</i> , 2017, 16, 664-670.	27.5	250
3	Electrophilic natural products and their biological targets. <i>Natural Product Reports</i> , 2012, 29, 659.	10.3	232
4	Proteomic profiling of metalloprotease activities with cocktails of active-site probes. , 2006, 2, 274-281.		224
5	β -Lactones as Specific Inhibitors of ClpP Attenuate the Production of Extracellular Virulence Factors of <i>Staphylococcus aureus</i> . <i>Journal of the American Chemical Society</i> , 2008, 130, 14400-14401.	13.7	177
6	β -Lactones as Privileged Structures for the Active-Site Labeling of Versatile Bacterial Enzyme Classes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4600-4603.	13.8	168
7	Thinking Outside the Boxâ€“Novel Antibacterials To Tackle the Resistance Crisis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14440-14475.	13.8	129
8	AAA+ chaperones and acyldepsipeptides activate the ClpP protease via conformational control. <i>Nature Communications</i> , 2015, 6, 6320.	12.8	110
9	Phenyl Esters Are Potent Inhibitors of Caseinolytic Protease P and Reveal a Stereogenic Switch for Deoligomerization. <i>Journal of the American Chemical Society</i> , 2015, 137, 8475-8483.	13.7	89
10	A Whole Proteome Inventory of Background Photocrosslinker Binding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1396-1401.	13.8	87
11	Vibralactone as a Tool to Study the Activity and Structure of the ClpP1P2 Complex from <i>Listeria monocytogenes</i> . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11001-11004.	13.8	80
12	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
13	Towards synthetic cells using peptide-based reaction compartments. <i>Nature Communications</i> , 2018, 9, 3862.	12.8	75
14	Duocarmycin Analogues Target Aldehyde Dehydrogenaseâ€“1 in Lung Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2874-2877.	13.8	72
15	A Conformational Switch Underlies ClpP Protease Function. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5749-5752.	13.8	69
16	Cryo-EM structure of the ClpXP protein degradation machinery. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 946-954.	8.2	68
17	The Heat Shock Response in Yeast Maintains Protein Homeostasis by Chaperoning and Replenishing Proteins. <i>Cell Reports</i> , 2019, 29, 4593-4607.e8.	6.4	67
18	Analytical platforms for activity-based protein profiling ? exploiting the versatility of chemistry for functional proteomics. <i>Chemical Communications</i> , 2006, , 2311.	4.1	64

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19	Activity-Based Probes for Studying the Activity of Flavin-Dependent Oxidases and for the Protein Target Profiling of Monoamine Oxidase Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7035-7040.	13.8	63
20	Promysalin Elicits Species-Selective Inhibition of <i>Pseudomonas aeruginosa</i> by Targeting Succinate Dehydrogenase. <i>Journal of the American Chemical Society</i> , 2018, 140, 1774-1782.	13.7	63
21	Insights into Structural Network Responsible for Oligomerization and Activity of Bacterial Virulence Regulator Caseinolytic Protease P (ClpP) Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 9484-9494.	3.4	62
22	Microarray Platform for Profiling Enzyme Activities in Complex Proteomes. <i>Journal of the American Chemical Society</i> , 2004, 126, 15640-15641.	13.7	61
23	Structural and functional insights into caseinolytic proteases reveal an unprecedented regulation principle of their catalytic triad. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11302-11307.	7.1	60
24	Surface topology affects wetting behavior of <i>Bacillus subtilis</i> biofilms. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 11.	6.4	55
25	An Antibacterial β -Lactone Kills <i>Mycobacterium tuberculosis</i> by Disrupting Mycolic Acid Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 348-353.	13.8	55
26	The Mechanism of Caseinolytic Protease (ClpP) Inhibition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3009-3014.	13.8	53
27	Mining the cellular inventory of pyridoxal phosphate-dependent enzymes with functionalized cofactor mimics. <i>Nature Chemistry</i> , 2018, 10, 1234-1245.	13.6	51
28	Making a Long Journey Short: Alkyne Functionalization of Natural Product Scaffolds. <i>Chemistry - A European Journal</i> , 2016, 22, 4666-4678.	3.3	50
29	A cyanobacterial serine protease of <i>Plasmodium falciparum</i> is targeted to the apicoplast and plays an important role in its growth and development. <i>Molecular Microbiology</i> , 2010, 77, 873-890.	2.5	48
30	Pretubulysin derived probes as novel tools for monitoring the microtubule network via activity-based protein profiling and fluorescence microscopy. <i>Molecular BioSystems</i> , 2012, 8, 2067.	2.9	48
31	Development and characterization of improved β -lactone-based anti-virulence drugs targeting ClpP. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 583-591.	3.0	47
32	Disruption of Oligomerization and Dehydroalanine Formation as Mechanisms for ClpP Protease Inhibition. <i>Journal of the American Chemical Society</i> , 2014, 136, 1360-1366.	13.7	47
33	Covalent Mucin Coatings Form Stable Anti-Biofouling Layers on a Broad Range of Medical Polymer Materials. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902069.	3.7	43
34	Reversible Inhibitors Arrest ClpP in a Defined Conformational State that Can Be Revoked by ClpX Association. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15892-15896.	13.8	42
35	Alkynol natural products target ALDH2 in cancer cells by irreversible binding to the active site. <i>Chemical Communications</i> , 2015, 51, 15784-15787.	4.1	42
36	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5189-5196.	2.0	40

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37	<sc>ECE</sc>2 regulates neurogenesis and neuronal migration during human cortical development. EMBO Reports, 2020, 21, e48204.	4.5	40
38	FICD activity and AMPylation remodelling modulate human neurogenesis. Nature Communications, 2020, 11, 517.	12.8	39
39	Electrophilic reactivities of cyclic enones and $\hat{1}\pm, \hat{1}^2$ -unsaturated lactones. Chemical Science, 2021, 12, 4850-4865.	7.4	38
40	A chemical compound inhibiting the Aha1-Hsp90 chaperone complex. Journal of Biological Chemistry, 2017, 292, 17073-17083.	3.4	37
41	The Cytotoxic Natural Product Vioprolide...A Targets Nucleolar Protein 14, Which Is Essential for Ribosome Biogenesis. Angewandte Chemie - International Edition, 2020, 59, 1595-1600.	13.8	37
42	A $\hat{1}^2$ -Lactone-Based Antivirulence Drug Ameliorates <i>Staphylococcus aureus</i> Skin Infections in Mice. ChemMedChem, 2014, 9, 710-713.	3.2	35
43	Barrel-shaped ClpP Proteases Display Attenuated Cleavage Specificities. ACS Chemical Biology, 2016, 11, 389-399.	3.4	35
44	A Chemical Disruptor of the ClpX Chaperone Complex Attenuates the Virulence of Multidrug-Resistant <i>Staphylococcus aureus</i> . Angewandte Chemie - International Edition, 2017, 56, 15746-15750.	13.8	34
45	Selective Activation of Human Caseinolytic Protease...P (ClpP). Angewandte Chemie - International Edition, 2018, 57, 14602-14607.	13.8	34
46	Influence of wing-tip substituents and reaction conditions on the structure, properties and cytotoxicity of Ag(<i><sc>i</sc></i>) and Au(<i><sc>i</sc></i>) bis(NHC) complexes. Dalton Transactions, 2017, 46, 2722-2735.	3.3	33
47	Polyamide/PEG Blends as Biocompatible Biomaterials for the Convenient Regulation of Cell Adhesion and Growth. Macromolecular Rapid Communications, 2019, 40, e1900091.	3.9	33
48	A network of chaperones prevents and detects failures in membrane protein lipid bilayer integration. Nature Communications, 2019, 10, 672.	12.8	33
49	Structure and Mechanism of the Caseinolytic Protease ClpP1/2 Heterocomplex from <i>Listeria monocytogenes</i> . Angewandte Chemie - International Edition, 2015, 54, 3598-3602.	13.8	32
50	Chemical Probes Unravel an Antimicrobial Defense Response Triggered by Binding of the Human Opioid Dynorphin to a Bacterial Sensor Kinase. Journal of the American Chemical Society, 2017, 139, 6152-6159.	13.7	32
51	Chemical Cross-Linking Enables Drafting ClpXP Proximity Maps and Taking Snapshots of In Situ Interaction Networks. Cell Chemical Biology, 2019, 26, 48-59.e7.	5.2	31
52	Rugulactone and its Analogues Exert Antibacterial Effects through Multiple Mechanisms Including Inhibition of Thiamine Biosynthesis. ChemBioChem, 2012, 13, 1439-1446.	2.6	28
53	$\hat{1}\pm$ -Methylene- $\hat{1}^3$ -butyrolactones attenuate <i>Staphylococcus aureus</i> virulence by inhibition of transcriptional regulation. Chemical Science, 2014, 5, 1158.	7.4	27
54	Protein Reactivity of Natural Product-Derived $\hat{1}^3$ -Butyrolactones. Biochemistry, 2011, 50, 910-916.	2.5	26

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55	Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13550-13554.	13.8	25
56	Effective GTP-Replacing FtsZ Inhibitors and Antibacterial Mechanism of Action. <i>ACS Chemical Biology</i> , 2015, 10, 834-843.	3.4	25
57	Quantitative Map of Î²-Lactone-Induced Virulence Regulation. <i>Journal of Proteome Research</i> , 2017, 16, 1180-1192.	3.7	25
58	Topographical alterations render bacterial biofilms susceptible to chemical and mechanical stress. <i>Biomaterials Science</i> , 2019, 7, 220-232.	5.4	25
59	Insights into ClpXP proteolysis: heterooligomerization and partial deactivation enhance chaperone affinity and substrate turnover in <i>Listeria monocytogenes</i> . <i>Chemical Science</i> , 2017, 8, 1592-1600.	7.4	24
60	A Subfamily of Bacterial Ribokinases Utilizes a Hemithioacetal for Pyridoxal Phosphate Salvage. <i>Journal of the American Chemical Society</i> , 2014, 136, 4992-4999.	13.7	21
61	Eine Gesamtproteom-basierte Auflistung der Hintergrundbinder von Photovernetzern. <i>Angewandte Chemie</i> , 2017, 129, 1417-1422.	2.0	21
62	Design and synthesis of tailored human caseinolytic protease P inhibitors. <i>Chemical Communications</i> , 2018, 54, 9833-9836.	4.1	21
63	A Pronucleotide Probe for Live-Cell Imaging of Protein AMPylation. <i>ChemBioChem</i> , 2020, 21, 1285-1287.	2.6	21
64	Global Inventory of ClpP- and ClpX-Regulated Proteins in <i>Staphylococcus aureus</i> . <i>Journal of Proteome Research</i> , 2021, 20, 867-879.	3.7	21
65	Chemical Phosphoproteomics Sheds New Light on the Targets and Modes of Action of AKT Inhibitors. <i>ACS Chemical Biology</i> , 2021, 16, 631-641.	3.4	21
66	Extracellular LGALS3BP regulates neural progenitor position and relates to human cortical complexity. <i>Nature Communications</i> , 2021, 12, 6298.	12.8	21
67	Synthesis of (±)-Spongiolactone Enabling Discovery of a More Potent Derivative. <i>Chemistry - A European Journal</i> , 2015, 21, 1425-1428.	3.3	20
68	An amino acid domino effect orchestrates ClpP's conformational states. <i>Current Opinion in Chemical Biology</i> , 2017, 40, 102-110.	6.1	20
69	Synthesis of ramariolide natural products and discovery of their targets in mycobacteria. <i>Chemical Communications</i> , 2017, 53, 107-110.	4.1	19
70	Äber bisherige Denkweisen hinaus â neue Wirkstoffe zur Äberwindung der Antibiotika-Krise. <i>Angewandte Chemie</i> , 2018, 130, 14642-14682.	2.0	18
71	Fimbrilide Natural Products Disrupt Bioluminescence of <i>Vibrio</i> By Targeting Autoinducer Biosynthesis and Luciferase Activity. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1187-1191.	13.8	16
72	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

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73	Chemical Probe To Monitor the Parkinsonism-Associated Protein DJ-1 in Live Cells. <i>ACS Chemical Biology</i> , 2018, 13, 2016-2019.	3.4	15
74	From Young to Old: AMPylation Hits the Brain. <i>Cell Chemical Biology</i> , 2020, 27, 773-779.	5.2	15
75	Substrate Profiling of Mitochondrial Caseolytic Protease P via a Site-Specific Photocrosslinking Approach. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
76	A Mass Spectrometry Platform for a Streamlined Investigation of Proteasome Integrity, Posttranslational Modifications, and Inhibitor Binding. <i>Chemistry and Biology</i> , 2015, 22, 404-411.	6.0	14
77	Natural-Product-Inspired Aminoepoxybenzoquinones Kill Members of the Gram-Negative Pathogen <i>Salmonella</i> by Attenuating Cellular Stress Response. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14852-14857.	13.8	14
78	A strategy for dual inhibition of the proteasome and fatty acid synthase with belactosin C-orlistat hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2901-2916.	3.0	14
79	Tailored Pyridoxal Probes Unravel Novel Cofactor-Dependent Targets and Antibiotic Hits in Critical Bacterial Pathogens. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
80	Customizing Functionalized Cofactor Mimics to Study the Human Pyridoxal 5'-Phosphate-Binding Proteome. <i>Cell Chemical Biology</i> , 2019, 26, 1461-1468.e7.	5.2	13
81	The Natural Product Elegaphenone Potentiates Antibiotic Effects against <i>Pseudomonas aeruginosa</i> . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8581-8584.	13.8	13
82	Neocarzinil 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
83	Profiling withanolide A for therapeutic targets in neurodegenerative diseases. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2508-2520.	3.0	11
84	Biochemical and Proteomic Studies of Human Pyridoxal 5'-Phosphate-Binding Protein (PLPBP). <i>ACS Chemical Biology</i> , 2020, 15, 254-261.	3.4	11
85	Structure and Function of an Elongation Factor P Subfamily in Actinobacteria. <i>Cell Reports</i> , 2020, 30, 4332-4342.e5.	6.4	11
86	Quantitative chemoproteomic profiling reveals multiple target interactions of spongiolactone derivatives in leukemia cells. <i>Chemical Communications</i> , 2017, 53, 12818-12821.	4.1	10
87	Dual Inhibitor of <i>Staphylococcus aureus</i> Virulence and Biofilm Attenuates Expression of Major Toxins and Adhesins. <i>Biochemistry</i> , 2018, 57, 1814-1820.	2.5	10
88	Tailored Peptide Phenyl Esters Block ClpXP Proteolysis by an Unusual Breakdown into a Heptamer-Hexamer Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7127-7132.	13.8	10
89	Targeting the endoplasmic reticulum-mitochondria interface sensitizes leukemia cells to cytostatics. <i>Haematologica</i> , 2019, 104, 546-555.	3.5	10
90	Total Synthesis of the Cyclic Depsipeptide Vioprolide...D via its (Z)-Diastereoisomer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12357-12361.	13.8	10

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91	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
92	Functionalised Cofactor Mimics for Interactome Discovery and Beyond. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	10
93	Fluorescent palladium(II) and platinum(II) NHC/1,2,3-triazole complexes: antiproliferative activity and selectivity against cancer cells. <i>Dalton Transactions</i> , 2021, 50, 2158-2166.	3.3	9
94	Activity-Based Protein Profiling in Bacteria. <i>Methods in Molecular Biology</i> , 2017, 1491, 57-74.	0.9	8
95	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
96	Natürliche Fimbrolide inhibieren Autoinduktorbiosynthese und Luziferaseaktivität und unterdrücken damit die Biolumineszenz in <i>Vibrio</i> . <i>Angewandte Chemie</i> , 2016, 128, 1203-1207.	2.0	7
97	A Chemical Proteomic Analysis of Illudinin-Interacting Proteins. <i>Chemistry - A European Journal</i> , 2019, 25, 12644-12651.	3.3	7
98	MS-Based <i>in Situ</i> Proteomics Reveals AMPylation of Host Proteins during Bacterial Infection. <i>ACS Infectious Diseases</i> , 2020, 6, 3277-3289.	3.8	7
99	Comparative Target Analysis of Chlorinated Biphenyl Antimicrobials Highlights MenG as a Molecular Target of Triclocarban. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	7
100	Targeting the ER-Mitochondrial Interface of Cell Death Sensitizes Leukemia Cells Towards Cytostatics. <i>Blood</i> , 2016, 128, 2319-2319.	1.4	7
101	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5181-5181.	2.0	6
102	An Aromatic Hydroxyamide Attenuates Multiresistant <i>Staphylococcus aureus</i> Toxin Expression. <i>Chemistry - A European Journal</i> , 2016, 22, 1622-1630.	3.3	6
103	Transcriptomic Profiling Suggests That Promysalin Alters the Metabolic Flux, Motility, and Iron Regulation in <i>Pseudomonas putida</i> KT2440. <i>ACS Infectious Diseases</i> , 2018, 4, 1179-1187.	3.8	6
104	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
105	Azidobupramine, an Antidepressant-Derived Bifunctional Neurotransmitter Transporter Ligand Allowing Covalent Labeling and Attachment of Fluorophores. <i>PLoS ONE</i> , 2016, 11, e0148608.	2.5	5
106	Hydantoin analogs inhibit the fully assembled ClpXP protease without affecting the individual peptidase and chaperone domains. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7124-7127.	2.8	5
107	Acyldepsipeptide Probes Facilitate Specific Detection of Caseinolytic Protease P Independent of Its Oligomeric and Activity State. <i>ChemBioChem</i> , 2020, 21, 235-240.	2.6	5
108	Synthetic post-translational modifications of elongation factor P using the ligase EpmA. <i>FEBS Journal</i> , 2021, 288, 663-677.	4.7	5

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109	Total synthesis and mechanism of action of the antibiotic armeniaspirol A. <i>Chemical Science</i> , 2021, 12, 16023-16034.	7.4	5
110	Der zytotoxische Naturstoff Vioprolidâ€¦A interagiert mit dem fÃ¼r die Ribosomenâ€Biogenese essentiellen nukleolÃren Protein 14. <i>Angewandte Chemie</i> , 2020, 132, 1611-1617.	2.0	4
111	Totalsynthese des cyclischen Depsipeptids Vioprolidâ€¦D Ã¼ber sein (Z)â€Diastereomer. <i>Angewandte Chemie</i> , 2020, 132, 12456-12460.	2.0	4
112	Inactivity of Peptidase ClpP Causes Primary Accumulation of Mitochondrial Disaggregase ClpX with Its Interacting Nucleoid Proteins, and of mtDNA. <i>Cells</i> , 2021, 10, 3354.	4.1	4
113	Ein antibakterielles Î²-lacton bekÃmpft <i>Mycobacterium tuberculosis</i> durch Infiltration der MykolsÃurebiosynthese. <i>Angewandte Chemie</i> , 2018, 130, 354-359.	2.0	3
114	Selektive Aktivierung der humanen caseinolytischen Proteaseâ€¦P (ClpP). <i>Angewandte Chemie</i> , 2018, 130, 14811-14816.	2.0	3
115	Broadâ€range metalloprotease profiling in plants uncovers immunity provided by defenceâ€related metalloenzyme. <i>New Phytologist</i> , 2022, 235, 1287-1301.	7.3	3
116	Mechanistic analysis of aliphatic Î²-lactones in <i>Vibrio harveyi</i> reveals a quorum sensing independent mode of action. <i>Chemical Communications</i> , 2016, 52, 11971-11974.	4.1	2
117	Verringerung der Virulenz von multiresistentem <i>Staphylococcus aureus</i> mithilfe eines chemischen Disruptors des ClpXâ€Chaperonâ€Komplexes. <i>Angewandte Chemie</i> , 2017, 129, 15952-15957.	2.0	2
118	Der Naturstoff Elegaphenon verstÃrkt antibiotische Effekte gegen <i>Pseudomonas aeruginosa</i> . <i>Angewandte Chemie</i> , 2019, 131, 8670-8674.	2.0	2
119	Tailored Cofactor Traps for the <i>in Situ</i> Detection of Hemithioacetal-Forming Pyridoxal Kinases. <i>ACS Chemical Biology</i> , 2020, 15, 3227-3234.	3.4	2
120	Tranlycypromine specificity for monoamine oxidase is limited by promiscuous protein labelling and lysosomal trapping. <i>RSC Chemical Biology</i> , 2020, 1, 209-213.	4.1	2
121	Substrate profiling of mitochondrial caseinolytic protease P via a siteâ€specific photocrosslinking approach. <i>Angewandte Chemie</i> , 0, , .	2.0	2
122	Tailored Pyridoxal Probes Unravel Novel Cofactorâ€Dependent Targets and Antibiotic Hits in Critical Bacterial Pathogens. <i>Angewandte Chemie</i> , 0, , .	2.0	2
123	Functionalised Cofactor Mimics for Interactome Discovery and Beyond. <i>Angewandte Chemie</i> , 0, , .	2.0	2
124	<i>Listeria monocytogenes</i> utilizes the ClpP1/2 proteolytic machinery for fine-tuned substrate degradation at elevated temperatures. <i>RSC Chemical Biology</i> , 0, , .	4.1	2
125	In Vesiculo Synthesis of Peptide Membrane Precursors for Autonomous Vesicle Growth. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
126	Bifunctional Duocarmycin Analogues as Inhibitors of Protein Tyrosine Kinases. <i>Journal of Natural Products</i> , 2019, 82, 16-26.	3.0	1

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127	Small molecule inhibitors of the mitochondrial ClpXP protease possess cytostatic potential and re-sensitize chemo-resistant cancers. <i>Scientific Reports</i> , 2021, 11, 11185.	3.3	1
128	Knockout for malaria. <i>Nature Chemistry</i> , 2014, 6, 93-94.	13.6	0
129	Frontispiece: An Aromatic Hydroxyamide Attenuates Multiresistant <i>Staphylococcus aureus</i> Toxin Expression. <i>Chemistry - A European Journal</i> , 2016, 22, .	3.3	0
130	Blockade der ClpXP-vermittelten Proteolyse mit maßgeschneiderten Peptid-Phenylestern durch den ungewöhnlichen Zerfall in eine Heptamer-Hexamer-Anordnung. <i>Angewandte Chemie</i> , 2019, 131, 7201-7206.	2.0	0