

# Karl Gademann

## List of Publications by Year in descending order

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159  
papers

9,573  
citations

50244

46  
h-index

40954

93  
g-index

213  
all docs

213  
docs citations

213  
times ranked

11306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide Folding: When Simulation Meets Experiment. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 236-240.	7.2	1,611
2	The NAD <sup>+</sup> Precursor Nicotinamide Riboside Enhances Oxidative Metabolism and Protects against High-Fat Diet-Induced Obesity. <i>Cell Metabolism</i> , 2012, 15, 838-847.	7.2	957
3	$\beta$ - and $\gamma$ -Peptides with Proteinaceous Side Chains: Synthesis and solution structures of constitutional isomers, a novel helical secondary structure and the influence of solvation and hydrophobic interactions on folding. <i>Helvetica Chimica Acta</i> , 1998, 81, 932-982.	1.0	314
4	Pleated Sheets and Turns of $\beta$ -Peptides with Proteinogenic Side Chains. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1595-1597.	7.2	257
5	Prophage-triggered membrane vesicle formation through peptidoglycan damage in <i>Bacillus subtilis</i> . <i>Nature Communications</i> , 2017, 8, 481.	5.8	224
6	Secondary Metabolites from Cyanobacteria: Complex Structures and Powerful Bioactivities. <i>Current Organic Chemistry</i> , 2008, 12, 326-341.	0.9	212
7	Peptides: Twisting and Turning. <i>Current Medicinal Chemistry</i> , 1999, 6, 905-925.	1.2	209
8	The $\beta$ -Peptide Hairpin in Solution: A Conformational Study of a $\beta$ -Hexapeptide in Methanol by NMR Spectroscopy and MD Simulation. <i>Journal of the American Chemical Society</i> , 2001, 123, 2393-2404.	6.6	193
9	4-Hydroxy-2-pyridone alkaloids: Structures and synthetic approaches. <i>Natural Product Reports</i> , 2010, 27, 1168.	5.2	193
10	Highly Enantioselective Inverse-Electron-Demand Hetero-Diels-Alder Reactions of $\alpha,\beta$ -Unsaturated Aldehydes This work was supported by the NIH (GM-59316), with additional support from the Schweizerischer Nationalfonds zur Förderung der wissenschaftlichen Forschung (postdoctoral) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.2	190
11	grateful to Dr. R. Staples for carrying out the X-ray crystal structure analysis of 1.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3059. Synthesis and Biological Evaluation of a Cyclo-tetrapeptide as a Somatostatin Analogue. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1223-1226.	7.2	180
12	Mixed $\beta$ -peptides: A unique helical secondary structure in solution. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1997, 80, 2033-2038.	1.0	174
13	Peptide Folding Induces High and Selective Affinity of a Linear and Small $\beta$ -Peptide to the Human Somatostatin Receptor 4. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2460-2468.	2.9	167
14	Biomimetic Surface Modifications Based on the Cyanobacterial Iron Chelator Anachelin. <i>Journal of the American Chemical Society</i> , 2006, 128, 1064-1065.	6.6	142
15	Capturing Biological Activity in Natural Product Fragments by Chemical Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3882-3902.	7.2	120
16	Aerucyclamides A and B: Isolation and Synthesis of Toxic Ribosomal Heterocyclic Peptides from the Cyanobacterium <i>Microcystis aeruginosa</i> PCC 7806. <i>Journal of Natural Products</i> , 2008, 71, 1193-1196.	1.5	118
17	Poly(ethylene glycol) Adlayers Immobilized to Metal Oxide Substrates Through Catechol Derivatives: Influence of Assembly Conditions on Formation and Stability. <i>Langmuir</i> , 2010, 26, 4018-4026.	1.6	115
18	Isolation of Aerucyclamides C and D and Structure Revision of Microcyclamide 7806A: Heterocyclic Ribosomal Peptides from <i>Microcystis aeruginosa</i> PCC 7806 and Their Antiparasite Evaluation. <i>Journal of Natural Products</i> , 2008, 71, 1891-1896.	1.5	111

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19	Anguinomycins and Derivatives: Total Syntheses, Modeling, and Biological Evaluation of the Inhibition of Nucleocytoplasmic Transport. <i>Journal of the American Chemical Society</i> , 2010, 132, 1432-1442.	6.6	105
20	Nostocarboline: Isolation and Synthesis of a New Cholinesterase Inhibitor from Nostoc 78-12A. <i>Journal of Natural Products</i> , 2005, 68, 1793-1795.	1.5	104
21	Surface Assembly of Catechol-Functionalized Poly(L-lysine)-graft-poly(ethylene Terephthalate) Biomimetic Strong Adhesion. <i>Macromolecules</i> , 2010, 43, 1050-1060.	2.2	99
22	The Fourth Helical Secondary Structure of $\beta^2$ -Peptides: The (P)-28-Helix of a $\beta^2$ -Hexapeptide Consisting of (2R,3S)-3-Amino-2-hydroxy Acid Residues. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1534-1537.	7.2	92
23	Biosynthesis of fragin is controlled by a novel quorum sensing signal. <i>Nature Communications</i> , 2018, 9, 1297.	5.8	91
24	Antimicrobial Surfaces through Natural Product Hybrids. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7123-7126.	7.2	84
25	A Unified Approach for the Stereoselective Total Synthesis of Pyridone Alkaloids and Their Neuritogenic Activity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4222-4226.	7.2	80
26	The Cyclo- $\beta^2$ -Tetrapeptide ( $\beta^2$ -HPhe- $\beta^2$ -HThr- $\beta^2$ -HLys- $\beta^2$ -HTrp): Synthesis, NMR Structure in Methanol Solution, and Affinity for Human Somatostatin Receptors. <i>Helvetica Chimica Acta</i> , 2000, 83, 16-33.	1.0	79
27	Multiple Toxin Production in the Cyanobacterium <i>Microcystis</i> : Isolation of the Toxic Protease Inhibitor Cyanopeptolin 1020. <i>Journal of Natural Products</i> , 2010, 73, 980-984.	1.5	77
28	Potent Algicides Based on the Cyanobacterial Alkaloid Nostocarboline. <i>Organic Letters</i> , 2006, 8, 737-740.	2.4	75
29	Occurrence of microcystin-producing cyanobacteria in Ugandan freshwater habitats. <i>Environmental Toxicology</i> , 2010, 25, 367-380.	2.1	73
30	Total Synthesis of Cyrneine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4071-4073.	7.2	72
31	Protein-Resistant Surfaces through Mild Dopamine Surface Functionalization. <i>Chemistry - A European Journal</i> , 2008, 14, 10579-10584.	1.7	70
32	Synthesis of Cyclo- $\beta^2$ -tripeptides and Their Biological <i>in vitro</i> Evaluation as Antiproliferatives against the Growth of Human Cancer Cell Lines. <i>Helvetica Chimica Acta</i> , 2001, 84, 2924-2937.	1.0	69
33	$\beta^2$ -Thiopeptides: Synthesis, NMR Solution Structure, CD Spectra, and Photochemistry. <i>Helvetica Chimica Acta</i> , 1999, 82, 2067-2093.	1.0	64
34	The cytotoxic styryl lactone goniotalamin is an inhibitor of nucleocytoplasmic transport. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2843-2846.	1.0	63
35	Evidence of horizontal gene transfer between obligate leaf nodule symbionts. <i>ISME Journal</i> , 2016, 10, 2092-2105.	4.4	63
36	Potent and selective antiplasmodial activity of the cyanobacterial alkaloid nostocarboline and its dimers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4413-4415.	1.0	61

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37	Spatial isolation favours the divergence in microcystin net production by <i>Microcystis</i> in Ugandan freshwater lakes. <i>Water Research</i> , 2010, 44, 2803-2814.	5.3	60
38	Total Synthesis of the Protected Aglycon of Fidaxomicin (Tiacumicinâ€¦B, Lipiarmycinâ€¦A3). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1933-1936.	7.2	60
39	Temperature-Dependent NMR and CD Spectra of $\beta^2$ -Peptides: On the Thermal Stability of $\beta^2$ -Peptide Helices - Is the Folding Process of $\beta^2$ -Peptides Non-cooperative?. <i>Helvetica Chimica Acta</i> , 1999, 82, 1-11.	1.0	59
40	The third orthogonal dynamic covalent bond. <i>Chemical Science</i> , 2016, 7, 4720-4724.	3.7	59
41	Total Synthesis, Configuration, and Biological Evaluation of Anguinomycinâ€¦C. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8707-8710.	7.2	58
42	Syntheses of Taiwaniaquinone F and Taiwaniaquinol A via an Unusual Remote Câ€”H Functionalization. <i>Organic Letters</i> , 2013, 15, 1390-1393.	2.4	53
43	Synthesis of Withanolideâ€¦A, Biological Evaluation of Its Neuritogenic Properties, and Studies on Secretase Inhibition. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8407-8411.	7.2	50
44	Antimalarial natural products of marine and freshwater origin. <i>Chemical Record</i> , 2009, 9, 187-198.	2.9	47
45	Synthesis of $\beta^2$ -Hexa- and $\beta^2$ -Heptapeptides Containing Novel $\beta^2$ ,3-Amino Acids with Two Serine or Two Cysteine Side Chains - CD- and NMR-Spectroscopic Evidence for 314-Helical Secondary Structures in Water. <i>Helvetica Chimica Acta</i> , 2000, 83, 2115-2140.	1.0	46
46	Natural Product Hybrids. <i>Chimia</i> , 2006, 60, 841-845.	0.3	46
47	Isolation and Structure Determination of Two Microcystins and Sequence Comparison of the McyABC Adenylation Domains in <i>Planktothrix</i> Species. <i>Journal of Natural Products</i> , 2008, 71, 1881-1886.	1.5	46
48	A Synthetic Entry into the Taiwaniaquinoids Based on a Biogenetic Hypothesis: Total Synthesis of ( $\beta^2$ )â€”Taiwaniaquinone H. <i>Chemistry - A European Journal</i> , 2010, 16, 7692-7695.	1.7	46
49	Leaf nodule symbiosis: function and transmission of obligate bacterial endophytes. <i>Current Opinion in Plant Biology</i> , 2018, 44, 23-31.	3.5	46
50	Biomimetic Total Synthesis and Antimicrobial Evaluation of Anachelin H. <i>Journal of Organic Chemistry</i> , 2007, 72, 8361-8370.	1.7	45
51	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7968-7970.	7.2	44
52	Total Synthesis of Gelsemiol. <i>Chemistry - A European Journal</i> , 2013, 19, 2589-2591.	1.7	43
53	Catalytic Enantioselective Total Synthesis of (+)-Torrubiellone C. <i>Organic Letters</i> , 2011, 13, 4368-4370.	2.4	41
54	Total Synthesis of the Glycosylated Macrolide Antibiotic Fidaxomicin. <i>Organic Letters</i> , 2015, 17, 3514-3517.	2.4	39

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55	Enantioselective total synthesis of virosaine A and bubbialidine. <i>Chemical Communications</i> , 2013, 49, 1921.	2.2	38
56	Pyrrolizidines for direct air capture and CO <sub>2</sub> conversion. <i>Chemical Communications</i> , 2019, 55, 949-952.	2.2	38
57	Balgacyclamides, Antiplasmodial Heterocyclic Peptides from <i>Microcystis aeruginosa</i> EAWAG 251. <i>Journal of Natural Products</i> , 2014, 77, 557-562.	1.5	37
58	On-cell catalysis by surface engineering of live cells with an artificial metalloenzyme. <i>Communications Chemistry</i> , 2018, 1, .	2.0	37
59	Total Synthesis and Neuritotrophic Activity of Farinosone C and Derivatives. <i>Organic Letters</i> , 2009, 11, 3446-3449.	2.4	36
60	The cyanobacterial alkaloid nostocarboline: an inhibitor of acetylcholinesterase and trypsin. <i>Journal of Applied Phycology</i> , 2009, 21, 103-110.	1.5	35
61	Antimalarial and antitubercular nostocarboline and eudistomin derivatives: Synthesis, in vitro and in vivo biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1464-1476.	1.4	35
62	The toxicity and enzyme activity of a chlorine and sulfate containing aeruginosin isolated from a non-microcystin-producing Planktothrix strain. <i>Harmful Algae</i> , 2014, 39, 154-160.	2.2	35
63	Total Synthesis of Anachelin H. <i>Organic Letters</i> , 2004, 6, 4707-4710.	2.4	34
64	Total Synthesis of the Sesquiterpenoid Periconianone A Based on a Postulated Biogenesis. <i>Journal of the American Chemical Society</i> , 2017, 139, 16096-16099.	6.6	34
65	Preparation and NMR Structure of the Cyclo- <sup>12</sup> -tripeptide [ <sup>123</sup> HGlu] <sub>3</sub> in Aqueous Solution: A New Class of Enterobactin-Type C <sub>3</sub> -Symmetrical Ligands?, Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1999, 82, 957-962.	1.0	33
66	Enantioselective Total Syntheses and Absolute Configuration of JBIR-02 and Mer-A2026B. <i>Organic Letters</i> , 2013, 15, 670-673.	2.4	33
67	<i>Securinega</i> Alkaloids: Complex Structures, Potent Bioactivities, and Efficient Total Syntheses. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1146-1159.	1.3	32
68	Total Synthesis of Tiacumicin A. Total Synthesis, Relay Synthesis, and Degradation Studies of Fidaxomicin (Tiacumicin B, Lipiarmycin A3). <i>Journal of Organic Chemistry</i> , 2018, 83, 7180-7205.	1.7	32
69	Collective Syntheses of Icetexane Natural Products Based on Biogenetic Hypotheses. <i>Chemistry - A European Journal</i> , 2017, 23, 120-127.	1.7	31
70	Green Algae as a Drug Delivery System for the Controlled Release of Antibiotics. <i>Chemistry - A European Journal</i> , 2020, 26, 16644-16648.	1.7	31
71	A Biomimetic Route to the Peptide Alkaloid Anachelin. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3327-3329.	7.2	28
72	Total Synthesis of Complex Cyanobacterial Alkaloids without Using Protecting Groups. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5656-5658.	7.2	28

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73	Cyanobacterial Natural Products for the Inhibition of Biofilm Formation and Biofouling. <i>Chimia</i> , 2007, 61, 373-377.	0.3	27
74	Total Synthesis and Biological Evaluation of the Glycosylated Macrocyclic Antibiotic Mangrolide...A. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11020-11024.	7.2	27
75	3-Bromotetrazine: labelling of macromolecules <i>via</i> monosubstituted bifunctional <i>s</i> -tetrazines. <i>Chemical Science</i> , 2020, 11, 3042-3047.	3.7	27
76	Withanolide A: synthesis and structural requirements for neurite outgrowth. <i>Chemical Science</i> , 2013, 4, 2851.	3.7	26
77	Formal Total Synthesis of (âˆ-)Jiadifenolide and Synthetic Studies toward <i>sec</i> -Prezizaane-Type Sesquiterpenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 11017-11034.	1.7	24
78	Microviridin 1777: A Toxic Chymotrypsin Inhibitor Discovered by a Metabologenomic Approach. <i>Journal of Natural Products</i> , 2020, 83, 438-446.	1.5	24
79	Truncated militarinone fragments identified by total chemical synthesis induce neurite outgrowth. <i>MedChemComm</i> , 2013, 4, 135-139.	3.5	23
80	Bioinspired, releasable quorum sensing modulators. <i>Chemical Communications</i> , 2013, 49, 155-157.	2.2	22
81	Investigating Biogenetic Hypotheses of the <i>Securinega</i> Alkaloids: Enantioselective Total Syntheses of Secuâ™amamine E/ <i>ent</i> -Virosine A and Bubbialine. <i>Organic Letters</i> , 2017, 19, 548-551.	2.4	22
82	Comparative effects of nodularin and microcystin-LR in zebrafish: 2. Uptake and molecular effects in eleuthero-embryos and adult liver with focus on endoplasmic reticulum stress. <i>Aquatic Toxicology</i> , 2016, 171, 77-87.	1.9	21
83	Surface modifications based on the cyanobacterial siderophore anachelin: from structure to functional biomaterials design. <i>BioMetals</i> , 2009, 22, 595-604.	1.8	20
84	Preparation of Antimalarial Endoperoxides by a Formal [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2015, 17, 5420-5423.	2.4	20
85	Investigating the Toxicity of the Aeruginosin Chlorosulfopeptides by Chemical Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9427-9431.	7.2	20
86	Synthetisch gewonnene Naturstofffragmente in der Wirkstoffentwicklung. <i>Angewandte Chemie</i> , 2016, 128, 3948-3970.	1.6	20
87	Synthesis and Evaluation of the Bis-Nor-Anachelin Chromophore as Potential Cyanobacterial Ligand. <i>Journal of Organic Chemistry</i> , 2005, 70, 6258-6264.	1.7	18
88	Controlling Protein Transport by Small Molecules. <i>Current Drug Targets</i> , 2011, 12, 1574-1580.	1.0	18
89	Directed Biosynthesis of Phytotoxic Alkaloids in the Cyanobacterium <i>Nostoc</i> 78â€“12A. <i>ChemBioChem</i> , 2009, 10, 889-895.	1.3	17
90	Dimers of Nostocarboline with Potent Antibacterial Activity. <i>Chemotherapy</i> , 2010, 56, 318-324.	0.8	17

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91	Functionally Optimized Neuritogenic Farinosone C Analogs: SAR-Study and Investigations on Their Mode of Action. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 172-177.	1.3	17
92	Direct Arginine Modification in Native Peptides and Application to Chemical Probe Development. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1290-1295.	1.3	16
93	Antibiotic Algae by Chemical Surface Engineering. <i>ChemBioChem</i> , 2018, 19, 439-443.	1.3	16
94	Telomerase Inhibitors from Cyanobacteria: Isolation and Synthesis of Sulfoquinovosyl Diacylglycerols from <i>Microcystis aeruginosa</i> PCC 7806. <i>Chemistry - A European Journal</i> , 2013, 19, 4596-4601.	1.7	15
95	Synthesis of maculalactone A and derivatives for environmental fate tracking studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 199-206.	1.5	15
96	Total Synthesis and Structural Revision of Aeruginosin KT608A. <i>Organic Letters</i> , 2017, 19, 3915-3918.	2.4	15
97	Mechanistic Studies on the Tyrosinase-Catalyzed Formation of the Anachelin Chromophore. <i>ChemBioChem</i> , 2005, 6, 913-919.	1.3	14
98	Nitrocatechols as Tractable Surface Release Systems. <i>ChemPlusChem</i> , 2012, 77, 1071-1074.	1.3	14
99	Biosynthesis and Structure-Activity Relationship Investigations of the Diazoniumdiolate Antifungal Agent Fragin. <i>ChemBioChem</i> , 2020, 21, 1587-1592.	1.3	14
100	Design, Synthesis, and Biological Evaluation of Light-Activated Antibiotics. <i>ACS Infectious Diseases</i> , 2021, 7, 681-692.	1.8	14
101	Concise Total Synthesis of Peyssonoside A. <i>Journal of the American Chemical Society</i> , 2021, 143, 14083-14088.	6.6	14
102	Stable $\hat{1}^2$ Turns of Tripeptides in Water through Cation- $\pi$ Interactions. <i>ChemBioChem</i> , 2008, 9, 2398-2401.	1.3	13
103	Copy, Edit, and Paste: Natural Product Approaches to Biomaterials and Neuroengineering. <i>Accounts of Chemical Research</i> , 2015, 48, 731-739.	7.6	13
104	Synthesis and Biological Evaluation of the Novel Growth Inhibitor Streptol Glucoside, Isolated from an Obligate Plant Symbiont. <i>Chemistry - A European Journal</i> , 2019, 25, 1722-1726.	1.7	13
105	Chemistry and Biology of the Clinically Used Macrolactone Antibiotic Fidaxomicin. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000038.	1.0	13
106	Thiol- and Disulfide-Containing Vancomycin Derivatives Against Bacterial Resistance and Biofilm Formation. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1898-1904.	1.3	13
107	Reduce to the Maximum: Truncated Natural Products as Powerful Modulators of Biological Processes. <i>Synlett</i> , 2012, 2012, 163-170.	1.0	12
108	Caged retinoids as photoinducible activators: implications for cell differentiation and neurite outgrowth. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3314.	1.5	12

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109	Total Synthesis and Structural Revision of Mangrolide D. <i>Organic Letters</i> , 2019, 21, 3456-3459.	2.4	12
110	Design and Synthesis of Metabolically Stable tRNA Synthetase Inhibitors Derived from Cladosporin. <i>ChemBioChem</i> , 2019, 20, 644-649.	1.3	12
111	Semisynthetic Analogs of the Antibiotic Fidaxomicin—Design, Synthesis, and Biological Evaluation. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2414-2420.	1.3	12
112	Nucleophilic Attack on Nitrogen in Tetrazines by Silyl-Enol Ethers. <i>Organic Letters</i> , 2021, 23, 2426-2430.	2.4	12
113	Total Synthesis of the Marine Alkaloid Palauamine. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2972-2974.	7.2	11
114	Total Synthesis and Biological Evaluation of the Glycosylated Macrocyclic Antibiotic Mangrolide A. <i>Angewandte Chemie</i> , 2018, 130, 11186-11190.	1.6	11
115	Preparation of Indolenines via Nucleophilic Aromatic Substitution. <i>Organic Letters</i> , 2019, 21, 2560-2564.	2.4	11
116	Profiling withanolide A for therapeutic targets in neurodegenerative diseases. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2508-2520.	1.4	11
117	Aza-Annulation Strategies in Alkaloid Total Synthesis. <i>Synthesis</i> , 2008, 2008, 331-351.	1.2	10
118	Isolation and Total Synthesis of Kirkamide, an Aminocyclitol from an Obligate Leaf Nodule Symbiont. <i>Angewandte Chemie</i> , 2015, 127, 8079-8081.	1.6	10
119	Synthesis and Biological Evaluation of Iodinated Fidaxomicin Antibiotics. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000130.	1.0	10
120	Boron Trifluoride-Mediated Cycloaddition of 3-Bromotetrazine and Silyl Enol Ethers: Synthesis of 3-Bromo-pyridazines. <i>Journal of Organic Chemistry</i> , 2021, 86, 12008-12023.	1.7	10
121	Biohybrid microswimmers against bacterial infections. <i>Acta Biomaterialia</i> , 2021, 136, 99-110.	4.1	10
122	The Peptide Alkaloid Anachelin: NMR Spectroscopic Evidence for $\beta$ -Turn Formation in Aqueous Solution. <i>Chimia</i> , 2004, 58, 212-214.	0.3	9
123	Preparation of Fluorescent Microcystin Derivatives by Direct Arginine Labelling and Their Biological Evaluation. <i>ChemBioChem</i> , 2015, 16, 1657-1662.	1.3	9
124	Biological evaluation of pyridone alkaloids on the endocannabinoid system. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6102-6114.	1.4	9
125	Cross-Coupling Reactions of Monosubstituted Tetrazines. <i>Organic Letters</i> , 2021, 23, 5689-5692.	2.4	9
126	Chemical Interference of Biological Systems with Natural Products. <i>Chimia</i> , 2011, 65, 835-838.	0.3	8



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127	Recent Advances in Mode of Action and Biosynthesis Studies of the Clinically Used Antibiotic Fidaxomicin. <i>Chimia</i> , 2020, 74, 270.	0.3	8
128	Mitigation of <i>Pseudomonas syringae</i> virulence by signal inactivation. <i>Science Advances</i> , 2021, 7, eabg2293.	4.7	8
129	Bioinspired Surfaces Against Bacterial Infections. <i>Chimia</i> , 2013, 67, 275-278.	0.3	7
130	Synthesis of Two Key Fragments of the Complex Polyhalogenated Marine Meroterpenoid Azamerone. <i>Organic Letters</i> , 2019, 21, 1144-1147.	2.4	7
131	The Furan Shuffling Hypothesis: A Biogenetic Proposal for Eremophilane Sesquiterpenoids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7004-7007.	7.2	7
132	Novel fidaxomicin antibiotics through site-selective catalysis. <i>Communications Chemistry</i> , 2021, 4, .	2.0	7
133	Fluorescent Labeling Agents for Quorum Sensing Receptors (FLAQs) in Live Cells. <i>Chemistry - A European Journal</i> , 2013, 19, 9766-9770.	1.7	6
134	Catalytic Enantioselective Total Synthesis of (â€“)â€”Pyridovericin. <i>Synthesis</i> , 2014, 46, 864-870.	1.2	6
135	Allelopathic Activity of the Iron Chelator Anachelinâ€”A Molecular Hybrid with a Dual Mode of Action. <i>Helvetica Chimica Acta</i> , 2016, 99, 760-773.	1.0	6
136	Out in the Green: Biologically Active Metabolites Produced by Cyanobacteria. <i>Chimia</i> , 2011, 65, 416.	0.3	5
137	Metalâ€”Free Regioselective Chloroazidation of Internal Alkynes. <i>Chemistry - A European Journal</i> , 2018, 25, 981-984.	1.7	5
138	Syntheses and biological investigations of kirkamide and oseltamivir hybrid derivatives. <i>Tetrahedron</i> , 2020, 76, 131386.	1.0	5
139	Mechanistic Studies and Data Science-Guided Exploration of Bromotetrazine Cross-Coupling. <i>ACS Catalysis</i> , 2022, 12, 9226-9237.	5.5	5
140	Synthetic Studies on the Sporolides: Exploration of the Eneidyne Route. <i>Synthesis</i> , 2010, 2010, 631-642.	1.2	4
141	Direct Preparation of Pyrrolizidines Using Imines and Isonitriles. <i>Synthesis</i> , 2015, 47, 3153-3160.	1.2	4
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