

# Frank C Schroeder

## List of Publications by Citations

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147  
papers

6,460  
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48  
h-index

75  
g-index

162  
ext. papers

8,000  
ext. citations

10.5  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
147	A blend of small molecules regulates both mating and development in <i>Caenorhabditis elegans</i> . <i>Nature</i> , <b>2008</b> , 454, 1115-8	50.4	272
146	Small-molecule pheromones that control dauer development in <i>Caenorhabditis elegans</i> . <i>Nature Chemical Biology</i> , <b>2007</b> , 3, 420-2	11.7	260
145	The identification of bacillaene, the product of the PksX megacomplex in <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 1506-9	11.5	211
144	A shortcut to identifying small molecule signals that regulate behavior and development in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7708-13	11.5	186
143	A modular library of small molecule signals regulates social behaviors in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , <b>2012</b> , 10, e1001237	9.7	163
142	The microbiota regulate neuronal function and fear extinction learning. <i>Nature</i> , <b>2019</b> , 574, 543-548	50.4	161
141	Comparative metabolomics reveals biogenesis of ascarosides, a modular library of small-molecule signals in <i>C. elegans</i> . <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1817-24	16.4	146
140	Ascaroside signaling is widely conserved among nematodes. <i>Current Biology</i> , <b>2012</b> , 22, 772-80	6.3	141
139	Conserved nematode signalling molecules elicit plant defenses and pathogen resistance. <i>Nature Communications</i> , <b>2015</b> , 6, 7795	17.4	140
138	Amorfrutins are potent antidiabetic dietary natural products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 7257-62	11.5	140
137	Chemosensation of bacterial secondary metabolites modulates neuroendocrine signaling and behavior of <i>C. elegans</i> . <i>Cell</i> , <b>2014</b> , 159, 267-80	56.2	139
136	NMR in metabolomics and natural products research: two sides of the same coin. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 288-97	24.3	133
135	Ascaroside signaling in <i>C. elegans</i> . <i>WormBook</i> , <b>2013</b> , 1-22		122
134	Males shorten the life span of <i>C. elegans</i> hermaphrodites via secreted compounds. <i>Science</i> , <b>2014</b> , 343, 541-4	33.3	112
133	A Predictive Model for Selective Targeting of the Warburg Effect through GAPDH Inhibition with a Natural Product. <i>Cell Metabolism</i> , <b>2017</b> , 26, 648-659.e8	24.6	102
132	Nematode-trapping fungi eavesdrop on nematode pheromones. <i>Current Biology</i> , <b>2013</b> , 23, 83-6	6.3	101
131	Chemoenzymatic synthesis of thiazolyl peptide natural products featuring an enzyme-catalyzed formal [4 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3494-7	16.4	96

130	Extending the scope of NMR spectroscopy with microcoil probes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7122-31	16.4	90
129	A nonribosomal peptide synthetase-derived iron(III) complex from the pathogenic fungus <i>Aspergillus fumigatus</i> . <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2064-7	16.4	86
128	NMR-spectroscopic analysis of mixtures: from structure to function. <i>Current Opinion in Chemical Biology</i> , <b>2011</b> , 15, 38-47	9.7	86
127	Dietary sequestration of defensive steroids in nuchal glands of the Asian snake <i>Rhabdophis tigrinus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 2265-70	11.5	86
126	Anthranilate fluorescence marks a calcium-propagated necrotic wave that promotes organismal death in <i>C. elegans</i> . <i>PLoS Biology</i> , <b>2013</b> , 11, e1001613	9.7	85
125	Homologous NRPS-like gene clusters mediate redundant small-molecule biosynthesis in <i>Aspergillus flavus</i> . <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1590-4	16.4	83
124	Microfluidic chamber arrays for whole-organism behavior-based chemical screening. <i>Lab on A Chip</i> , <b>2011</b> , 11, 3689-3697	7.2	83
123	Interaction of structure-specific and promiscuous G-protein-coupled receptors mediates small-molecule signaling in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 9917-22	11.5	83
122	Mass spectrometry-based metabolomics: a guide for annotation, quantification and best reporting practices. <i>Nature Methods</i> , <b>2021</b> , 18, 747-756	21.6	83
121	Activation of a G protein-coupled receptor by its endogenous ligand triggers the innate immune response of <i>Caenorhabditis elegans</i> . <i>Nature Immunology</i> , <b>2014</b> , 15, 833-8	19.1	81
120	Targeted metabolomics reveals a male pheromone and sex-specific ascaroside biosynthesis in <i>Caenorhabditis elegans</i> . <i>ACS Chemical Biology</i> , <b>2012</b> , 7, 1321-5	4.9	81
119	Host recognition by the tobacco hornworm is mediated by a host plant compound. <i>Nature</i> , <b>2001</b> , 411, 186-9	50.4	81
118	A new approach to natural products discovery exemplified by the identification of sulfated nucleosides in spider venom. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 10364-9	16.4	78
117	Identification of cryptic products of the gliotoxin gene cluster using NMR-based comparative metabolomics and a model for gliotoxin biosynthesis. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9678-81	16.4	77
116	Comparative metabolomics reveals endogenous ligands of DAF-12, a nuclear hormone receptor, regulating <i>C. elegans</i> development and lifespan. <i>Cell Metabolism</i> , <b>2014</b> , 19, 73-83	24.6	74
115	Complex small-molecule architectures regulate phenotypic plasticity in a nematode. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12438-43	16.4	72
114	A neurotransmitter produced by gut bacteria modulates host sensory behaviour. <i>Nature</i> , <b>2020</b> , 583, 415-420	34.0	71
113	Pheromone sensing regulates <i>Caenorhabditis elegans</i> lifespan and stress resistance via the deacetylase SIR-2.1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 5522-7	11.5	70

112	Exploring uncharted terrain in nature's structure space using capillary NMR spectroscopy: 13 steroids from 50 fireflies. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 10810-1	16.4	70
111	Ascaroside expression in <i>Caenorhabditis elegans</i> is strongly dependent on diet and developmental stage. <i>PLoS ONE</i> , <b>2011</b> , 6, e17804	3.7	68
110	Pinoresinol: A lignol of plant origin serving for defense in a caterpillar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15497-501	11.5	62
109	Interspecific nematode signals regulate dispersal behavior. <i>PLoS ONE</i> , <b>2012</b> , 7, e38735	3.7	61
108	Differential analysis of 2D NMR spectra: new natural products from a pilot-scale fungal extract library. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 901-4	16.4	58
107	A family of indoles regulate virulence and Shiga toxin production in pathogenic <i>E. coli</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e54456	3.7	57
106	NMR-spectroscopic screening of spider venom reveals sulfated nucleosides as major components for the brown recluse and related species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 14283-7	11.5	57
105	Sex-specific mating pheromones in the nematode <i>Panagrellus redivivus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 20949-54	11.5	56
104	Succinylated octopamine ascarosides and a new pathway of biogenic amine metabolism in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 18778-83	5.4	55
103	Discovery of a novel pharmacological and structural class of gamma secretase modulators derived from the extract of <i>Actaea racemosa</i> . <i>ACS Chemical Neuroscience</i> , <b>2012</b> , 3, 941-51	5.7	54
102	Structural characterization of amorfrutins bound to the peroxisome proliferator-activated receptor $\alpha$ . <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 1535-43	8.3	51
101	The psammalyenes, specific inhibitors of FOXO1a nuclear export. <i>Journal of Natural Products</i> , <b>2005</b> , 68, 574-6	4.9	50
100	Plant-like biosynthesis of isoquinoline alkaloids in <i>Aspergillus fumigatus</i> . <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 419-24	11.7	49
99	Amorfrutins Are Natural PPAR $\alpha$ Agonists with Potent Anti-inflammatory Properties. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1160-4	4.9	46
98	Nematophagous fungus mimics olfactory cues of sex and food to lure its nematode prey. <i>ELife</i> , <b>2017</b> , 6,	8.9	46
97	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , <b>2018</b> , 9, 3216	17.4	44
96	Conserved Responses in a War of Small Molecules between a Plant-Pathogenic Bacterium and Fungi. <i>MBio</i> , <b>2018</b> , 9,	7.8	44
95	Metabolome-Scale Genome-Wide Association Studies Reveal Chemical Diversity and Genetic Control of Maize Specialized Metabolites. <i>Plant Cell</i> , <b>2019</b> , 31, 937-955	11.6	41

94	Modular assembly of primary metabolic building blocks: a chemical language in <i>C. elegans</i> . <i>Chemistry and Biology</i> , <b>2015</b> , 22, 7-16		41
93	Metabolomic "Dark Matter" Dependent on Peroxisomal Oxidation in <i>Caenorhabditis elegans</i> . <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2841-2852	16.4	37
92	Contrasting responses within a single neuron class enable sex-specific attraction in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E1392-401	11.5	37
91	Natural variation in dauer pheromone production and sensing supports intraspecific competition in nematodes. <i>Current Biology</i> , <b>2014</b> , 24, 1536-41	6.3	36
90	Perturbations in small molecule synthesis uncovers an iron-responsive secondary metabolite network in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 530	5.7	36
89	Density dependence in <i>Caenorhabditis</i> larval starvation. <i>Scientific Reports</i> , <b>2013</b> , 3, 2777	4.9	35
88	Mayolenes: labile defensive lipids from the glandular hairs of a caterpillar ( <i>Pieris rapae</i> ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 6822-7	11.5	35
87	Human GAPDH Is a Target of Aspirin's Primary Metabolite Salicylic Acid and Its Derivatives. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143447	3.7	35
86	Combinatorial chemistry in nematodes: modular assembly of primary metabolism-derived building blocks. <i>Natural Product Reports</i> , <b>2015</b> , 32, 994-1006	15.1	34
85	Natural diversity in the predatory behavior facilitates the establishment of a robust model strain for nematode-trapping fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 6762-6770	11.5	34
84	Larval crowding accelerates <i>C. elegans</i> development and reduces lifespan. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006717		34
83	Amorfrutin C Induces Apoptosis and Inhibits Proliferation in Colon Cancer Cells through Targeting Mitochondria. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2-12	4.9	30
82	<i>B. subtilis</i> GS67 protects <i>C. elegans</i> from Gram-positive pathogens via fengycin-mediated microbial antagonism. <i>Current Biology</i> , <b>2014</b> , 24, 2720-7	6.3	30
81	Elucidating the Rimosamide-Detoxin Natural Product Families and Their Biosynthesis Using Metabolite/Gene Cluster Correlations. <i>ACS Chemical Biology</i> , <b>2016</b> , 11, 3452-3460	4.9	29
80	Natural variation in arsenic toxicity is explained by differences in branched chain amino acid metabolism. <i>ELife</i> , <b>2019</b> , 8,	8.9	29
79	Mating dynamics in a nematode with three sexes and its evolutionary implications. <i>Scientific Reports</i> , <b>2015</b> , 5, 17676	4.9	28
78	2D NMR-based metabolomics uncovers interactions between conserved biochemical pathways in the model organism <i>Caenorhabditis elegans</i> . <i>ACS Chemical Biology</i> , <b>2013</b> , 8, 314-9	4.9	28
77	Steroids as central regulators of organismal development and lifespan. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001307	7.7	28

76	Chemical detoxification of small molecules by <i>Caenorhabditis elegans</i> . <i>ACS Chemical Biology</i> , <b>2013</b> , 8, 309-13	4.9	27
75	Transcriptome analysis of cyclic AMP-dependent protein kinase A-regulated genes reveals the production of the novel natural compound fumipyrrole by <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , <b>2015</b> , 96, 148-62	4.1	27
74	Plant metabolism of nematode pheromones mediates plant-nematode interactions. <i>Nature Communications</i> , <b>2020</b> , 11, 208	17.4	27
73	Ethylene signaling regulates natural variation in the abundance of antifungal acetylated diferuloylsucroses and <i>Fusarium graminearum</i> resistance in maize seedling roots. <i>New Phytologist</i> , <b>2019</b> , 221, 2096-2111	9.8	26
72	Fungal Isocyanide Synthases and Xanthocillin Biosynthesis in <i>Aspergillus fumigatus</i> . <i>MBio</i> , <b>2018</b> , 9,	7.8	26
71	Biosynthesis of Modular Ascarosides in <i>C. elegans</i> . <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4729-4733	16.4	25
70	An excreted small molecule promotes <i>C. elegans</i> reproductive development and aging. <i>Nature Chemical Biology</i> , <b>2019</b> , 15, 838-845	11.7	25
69	Chemical investigations of defensive steroid sequestration by the Asian snake <i>Rhabdophis tigrinus</i> . <i>Chemoecology</i> , <b>2012</b> , 22, 199-206	2	23
68	Synthesis of caeliferins, elicitors of plant immune responses: accessing lipophilic natural products via cross metathesis. <i>Organic Letters</i> , <b>2011</b> , 13, 5900-3	6.2	23
67	Functional Conservation and Divergence of <i>daf-22</i> Paralogs in <i>Pristionchus pacificus</i> Dauer Development. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 2506-14	8.3	23
66	Modeling Meets Metabolomics-The WormJam Consensus Model as Basis for Metabolic Studies in the Model Organism. <i>Frontiers in Molecular Biosciences</i> , <b>2018</b> , 5, 96	5.6	23
65	Metabolic transformations of acquired lucibufagins by firefly <i>Emmes fatales</i> <i>Chemoecology</i> , <b>1999</b> , 9, 105-112	2	22
64	NRPS-Derived Isoquinolines and Lipopeptides Mediate Antagonism between Plant Pathogenic Fungi and Bacteria. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 171-179	4.9	22
63	Improved Synthesis for Modular Ascarosides Uncovers Biological Activity. <i>Organic Letters</i> , <b>2017</b> , 19, 2837-2840	21	21
62	Predator-secreted sulfolipids induce defensive responses in <i>C. elegans</i> . <i>Nature Communications</i> , <b>2018</b> , 9, 1128	17.4	20
61	Linking Genomic and Metabolomic Natural Variation Uncovers Nematode Pheromone Biosynthesis. <i>Cell Chemical Biology</i> , <b>2018</b> , 25, 787-796.e12	8.2	20
60	Identification of xanthurenic acid 8-O-beta-D-glucoside and xanthurenic acid 8-O-sulfate as human natriuretic hormones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 17873-8	11.5	19
59	Chiral silylation reagents for the determination of absolute configuration by NMR spectroscopy. <i>Organic Letters</i> , <b>2000</b> , 2, 2381-3	6.2	18

58	Pheromone-sensing neurons regulate peripheral lipid metabolism in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006806	6	18
57	Phevamine A, a small molecule that suppresses plant immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E9514-E9522	11.5	18
56	Selection and gene flow shape niche-associated variation in pheromone response. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 1455-1463	12.3	17
55	NeuCode Labeling in Nematodes: Proteomic and Phosphoproteomic Impact of Ascaroside Treatment in <i>Caenorhabditis elegans</i> . <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2922-35	7.6	17
54	N-methylquinolinium 2-carboxylate, a defensive betaine from <i>Photuris versicolor</i> fireflies. <i>Journal of Natural Products</i> , <b>1999</b> , 62, 378-80	4.9	17
53	A Combinatorial Library of Macrocyclic Polyamines Produced by a Ladybird Beetle. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 3628-3634	16.4	16
52	2D NMR-spectroscopic screening reveals polyketides in ladybugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9753-8	11.5	15
51	Small molecule signaling in <i>Caenorhabditis elegans</i> . <i>ACS Chemical Biology</i> , <b>2006</b> , 1, 198-200	4.9	15
50	Chiral silylation reagents: determining configuration via NMR-spectroscopic coanalysis. <i>Organic Letters</i> , <b>2004</b> , 6, 3019-22	6.2	15
49	Diketopiperazine Formation in Fungi Requires Dedicated Cyclization and Thiolation Domains. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14589-14593	16.4	14
48	Shunning the night to elude the hunter: diurnal fireflies and the <i>Bemmes fatales</i> . <i>Chemoecology</i> , <b>2006</b> , 16, 39-43	2	14
47	Co-option of neurotransmitter signaling for inter-organismal communication in <i>C. elegans</i> . <i>Nature Communications</i> , <b>2019</b> , 10, 3186	17.4	13
46	Prey sensing and response in a nematode-trapping fungus is governed by the MAPK pheromone response pathway. <i>Genetics</i> , <b>2021</b> , 217,	4	12
45	A Forward Genetic Screen for Molecules Involved in Pheromone-Induced Dauer Formation in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 1475-87	3.2	12
44	Intestinal peroxisomal fatty acid $\beta$ oxidation regulates neural serotonin signaling through a feedback mechanism. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000242	9.7	12
43	Nematode signaling molecules derived from multimodular assembly of primary metabolic building blocks. <i>Organic Letters</i> , <b>2015</b> , 17, 1648-51	6.2	11
42	Synthesis of mayolene-16 and mayolene-18: larval defensive lipids from the European cabbage butterfly. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 5896-900	4.2	11
41	NMR Small Molecules and Analysis of Complex Mixtures <b>2010</b> , 169-196		10

40	BLIMP-1/BLMP-1 and Metastasis-Associated Protein Regulate Stress Resistant Development in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , <b>2016</b> , 203, 1721-32	4	10
39	Modeling tissue-relevant <i>Caenorhabditis elegans</i> metabolism at network, pathway, reaction, and metabolite levels. <i>Molecular Systems Biology</i> , <b>2020</b> , 16, e9649	12.2	8
38	Nematode ascaroside enhances resistance in a broad spectrum of plant pathogen systems. <i>Journal of Phytopathology</i> , <b>2019</b> , 167, 265-272	1.8	7
37	A photocleavable masked nuclear-receptor ligand enables temporal control of <i>C. elegans</i> development. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2110-3	16.4	7
36	Natural Product and Natural Product-Derived Gamma Secretase Modulators from Extracts. <i>Medicines (Basel, Switzerland)</i> , <b>2015</b> , 2, 127-140	4.1	7
35	Chemical defense and aposematism: the case of <i>Utetheisa galapagensis</i> . <i>Chemoecology</i> , <b>2002</b> , 12, 153-157		7
34	Identification of Uric Acid Gluconucleoside-Ascaroside Conjugates in by Combining Synthesis and MicroED. <i>Organic Letters</i> , <b>2020</b> , 22, 6724-6728	6.2	7
33	Homologe NRPS-ähnliche Genloci vermitteln eine redundante Naturstoff-Biosynthese in <i>Aspergillus flavus</i> . <i>Angewandte Chemie</i> , <b>2013</b> , 125, 1632-1636	3.6	6
32	Complex Small-Molecule Architectures Regulate Phenotypic Plasticity in a Nematode. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12606-12611	3.6	6
31	Größere Möglichkeiten für die NMR-Spektroskopie durch Mikroskopyprobenköpfe. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 7280-7290	3.6	6
30	Modular metabolite assembly in depends on carboxylesterases and formation of lysosome-related organelles. <i>ELife</i> , <b>2020</b> , 9,	8.9	6
29	Interception of the Bycroft-Gowland Intermediate in the Enzymatic Macrocyclization of Thiopeptides. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13170-13179	16.4	5
28	Photoaffinity probes for nematode pheromone receptor identification. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 18, 36-40	3.9	5
27	Deep Interrogation of Metabolism Using a Pathway-Targeted Click-Chemistry Approach. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18449-18459	16.4	5
26	Dual-purpose isocyanides produced by contribute to cellular copper sufficiency and exhibit antimicrobial activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
25	Inversion of pheromone preference optimizes foraging in. <i>ELife</i> , <b>2021</b> , 10,	8.9	5
24	Correlating secondary metabolite production with genetic changes using differential analysis of 2D NMR spectra. <i>Methods in Molecular Biology</i> , <b>2012</b> , 944, 207-19	1.4	4
23	Insect Natural Products <b>2010</b> , 67-108		4



22	Population Density Modulates the Duration of Reproduction of <i>C. elegans</i> . <i>Current Biology</i> , <b>2020</b> , 30, 2602-2607.e2	6.3	4
21	Selection and gene flow shape niche-associated copy-number variation of pheromone receptor genes		3
20	Toward spatially resolved metabolomics. <i>Nature Chemical Biology</i> , <b>2020</b> , 16, 1039-1040	11.7	3
19	Nematode Signaling Molecules Are Extensively Metabolized by Animals, Plants, and Microorganisms. <i>ACS Chemical Biology</i> , <b>2021</b> , 16, 1050-1058	4.9	3
18	Stilbenoids from <i>Hopea acuminata</i> . <i>Journal of Herbs, Spices and Medicinal Plants</i> , <b>2016</b> , 22, 92-104	0.9	3
17	Diketopiperazine Formation in Fungi Requires Dedicated Cyclization and Thiolation Domains. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14731-14735	3.6	2
16	3,7-Isoquinoline quinones from the ascidian tunicate <i>Ascidia virginea</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2017</b> , 72, 259-264	1.7	2
15	Syntheses of Amorfrutins and Derivatives via Tandem Diels-Alder and Anionic Cascade Approaches. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 11269-11276	4.2	2
14	Nematode ascarosides attenuate mammalian type 2 inflammatory responses.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	2
13	Biosynthesis of Modular Ascarosides in <i>C. elegans</i> . <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4807-4811	3.6	1
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6	Natural diversity in the predatory behavior facilitates the establishment of a new robust model strain for nematode-trapping fungi		1
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