Helge B Bode

List of Publications by Year
in descending order

220	10,777	28190 55	48187 88
papers	citations	h-index	g-index

252	252	252	9365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Minimum Information about a Biosynthetic Gene cluster. Nature Chemical Biology, 2015, 11, 625-631.	3.9	715
2	Towards the sustainable discovery and development of new antibiotics. Nature Reviews Chemistry, 2021, 5, 726-749.	13.8	439
3	Complete genome sequence of the myxobacterium Sorangium cellulosum. Nature Biotechnology, 2007, 25, 1281-1289.	9.4	354
4	Entomopathogenic bacteria as a source of secondary metabolites. Current Opinion in Chemical Biology, 2009, 13, 224-230.	2.8	285
5	The Impact of Bacterial Genomics on Natural Product Research. Angewandte Chemie - International Edition, 2005, 44, 6828-6846.	7.2	221
6	Pyrones as bacterial signaling molecules. Nature Chemical Biology, 2013, 9, 573-578.	3.9	180
7	The Entomopathogenic Bacterial Endosymbionts Xenorhabdus and Photorhabdus: Convergent Lifestyles from Divergent Genomes. PLoS ONE, 2011, 6, e27909.	1.1	161
8	De novo design and engineering of non-ribosomal peptide synthetases. Nature Chemistry, 2018, 10, 275-281.	6.6	158
9	Bioactive natural products from novel microbial sources. Annals of the New York Academy of Sciences, 2015, 1354, 82-97.	1.8	155
10	Bacterial Degradation of Natural and Synthetic Rubber. Biomacromolecules, 2001, 2, 295-303.	2.6	149
11	Aryl Polyenes, a Highly Abundant Class of Bacterial Natural Products, Are Functionally Related to Antioxidative Carotenoids. ChemBioChem, 2016, 17, 247-253.	1.3	145
12	Bacterial Biosynthesis of a Multipotent Stilbene. Angewandte Chemie - International Edition, 2008, 47, 1942-1945.	7.2	139
13	Natural product diversity associated with the nematode symbionts Photorhabdus and Xenorhabdus. Nature Microbiology, 2017, 2, 1676-1685.	5.9	136
14	Genome analyses of the sunflower pathogen Plasmopara halstedii provide insights into effector evolution in downy mildews and Phytophthora. BMC Genomics, 2015, 16, 741.	1.2	135
15	Cytosolic re-localization and optimization of valine synthesis and catabolism enables increased isobutanol production with the yeast Saccharomyces cerevisiae. Biotechnology for Biofuels, 2012, 5, 65.	6.2	128
16	The Endogenous Tryptophan Metabolite and NAD+ Precursor Quinolinic Acid Confers Resistance of Gliomas to Oxidative Stress. Cancer Research, 2013, 73, 3225-3234.	0.4	126
17	Modification and de novo design of non-ribosomal peptide synthetases using specific assembly points within condensation domains. Nature Chemistry, 2019, 11, 653-661.	6.6	122
18	A Novel Type of Geosmin Biosynthesis in Myxobacteria. Journal of Organic Chemistry, 2005, 70, 5174-5182.	1.7	118

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19	A natural prodrug activation mechanism in nonribosomal peptide synthesis. Nature Chemical Biology, 2011, 7, 888-890.	3.9	118
20	Biosynthesis of Volatiles by the Myxobacterium Myxococcus xanthus. ChemBioChem, 2004, 5, 778-787.	1.3	117
21	Dialkylresorcinols as bacterial signaling molecules. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 572-577.	3.3	117
22	Chemical language and warfare of bacterial natural products in bacteriaâ€“nematodeâ€“insect interactions. Natural Product Reports, 2018, 35, 309-335.	5.2	117
23	Roadmap for naming uncultivated Archaea and Bacteria. Nature Microbiology, 2020, 5, 987-994.	5.9	115
24	A Type II Polyketide Synthase is Responsible for Anthraquinone Biosynthesis in Photorhabdus luminescens. ChemBioChem, 2007, 8, 1721-1728.	1.3	111
25	Radical Sâ€Adenosyl Methionine Epimerases: Regioselective Introduction of Diverse <scp>D</scp>â€Amino Acid Patterns into Peptide Natural Products. Angewandte Chemie - International Edition, 2014, 53, 8503-8507.	7.2	105
26	Optical mapping as a routine tool for bacterial genome sequence finishing. BMC Genomics, 2007, 8, 321.	1.2	104
27	Determination of the Absolute Configuration of Peptide Natural Products by Using Stable Isotope Labeling and Mass Spectrometry. Chemistry - A European Journal, 2012, 18, 2342-2348.	1.7	102
28	The lichen symbiosis re-viewed through the genomes of Cladonia grayi and its algal partner Asterochloris glomerata. BMC Genomics, 2019, 20, 605.	1.2	98
29	The unique DKxanthene secondary metabolite family from the myxobacterium Myxococcus xanthus is required for developmental sporulation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19128-19133.	3.3	96
30	Entomopathogenic bacteria use multiple mechanisms for bioactive peptide library design. Nature Chemistry, 2017, 9, 379-386.	6.6	86
31	Microbe-driven chemical ecology: past, present and future. ISME Journal, 2019, 13, 2656-2663.	4.4	86
32	Natural C.Âelegans Microbiota Protects against Infection via Production of a Cyclic Lipopeptide of the Viscosin Group. Current Biology, 2019, 29, 1030-1037.e5.	1.8	85
33	CRAGE enables rapid activation of biosynthetic gene clusters in undomesticated bacteria. Nature Microbiology, 2019, 4, 2498-2510.	5.9	85
34	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	3.9	81
35	Simple â€œOnâ€Demandâ€•Production of Bioactive Natural Products. ChemBioChem, 2015, 16, 1115-1119.	1.3	79
36	Physiological and Chemical Investigations into Microbial Degradation of Synthetic Poly(cis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.4	78

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37	Rapid Virulence Annotation (RVA): Identification of virulence factors using a bacterial genome library and multiple invertebrate hosts. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15967-15972.	3.3	76
38	Structure elucidation and biosynthesis of lysine-rich cyclic peptides in Xenorhabdus nematophila. Organic and Biomolecular Chemistry, 2011, 9, 3130.	1.5	74
39	Formation of 1,3â€Cyclohexanediones and Resorcinols Catalyzed by a Widely Occuring Ketosynthase. Angewandte Chemie - International Edition, 2013, 52, 4108-4112.	7.2	74
40	Genetic analysis of xenocoumacin antibiotic production in the mutualistic bacterium Xenorhabdus nematophila. Molecular Microbiology, 2009, 73, 938-949.	1.2	73
41	Structure and Biosynthesis of Fimsbactins Aâ€“F, Siderophores from Acinetobacter baumannii and Acinetobacter baylyi. ChemBioChem, 2013, 14, 633-638.	1.3	72
42	Analysis of myxobacterial secondary metabolism goes molecular. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 577-588.	1.4	71
43	Fabclavines: Bioactive Peptideâ€“Polyketideâ€Polyamino Hybrids from Xenorhabdus. ChemBioChem, 2014, 15, 512-516.	1.3	70
44	Distinguishing commercially grown Ganoderma lucidum from Ganoderma lingzhi from Europe and East Asia on the basis of morphology, molecular phylogeny, and triterpenic acid profiles. Phytochemistry, 2016, 127, 29-37.	1.4	70
45	Dietary tryptophan links encephalogenicity of autoreactive T cells with gut microbial ecology. Nature Communications, 2019, 10, 4877.	5.8	69
46	Xenofuranones A and B:Â Phenylpyruvate Dimers fromXenorhabdus szentirmaii. Journal of Natural Products, 2006, 69, 1830-1832.	1.5	66
47	Molecular Keys to the Janthinobacterium and Duganella spp. Interaction with the Plant Pathogen Fusarium graminearum. Frontiers in Microbiology, 2016, 7, 1668.	1.5	66
48	Structure and biosynthesis of kendomycin, a carbocyclic ansa-compound from Streptomyces. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 323-328.	1.3	64
49	Novel Iso-branched Ether Lipids as Specific Markers of Developmental Sporulation in the Myxobacterium Myxococcus xanthus*. Journal of Biological Chemistry, 2006, 281, 36691-36700.	1.6	62
50	Biosynthesis and Identification of Volatiles Released by the Myxobacterium Stigmatella aurantiaca. ChemBioChem, 2005, 6, 2023-2033.	1.3	60
51	DKxanthene Biosynthesisâ€”Understanding the Basis for Diversity-Oriented Synthesis in Myxobacterial Secondary Metabolism. Chemistry and Biology, 2008, 15, 771-781.	6.2	60
52	Identification of a triacylglycerol lipase in the diatom Phaeodactylum tricornutum. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 239-248.	1.2	60
53	Photorhabdusâ€nematode symbiosis is dependent on hfqâ€mediated regulation of secondary metabolites. Environmental Microbiology, 2017, 19, 119-129.	1.8	60
54	Diversity of Xenorhabdus and Photorhabdus spp. and Their Symbiotic Entomopathogenic Nematodes from Thailand. PLoS ONE, 2012, 7, e43835.	1.1	60

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55	Identification of Additional Players in the Alternative Biosynthesis Pathway to Isovalerylâ€CoA in the Myxobacterium Myxococcus xanthus. ChemBioChem, 2009, 10, 128-140.	1.3	59
56	Rhabdopeptides as Insectâ€Specific Virulence Factors from Entomopathogenic Bacteria. ChemBioChem, 2013, 14, 1991-1997.	1.3	59
57	A New Type of Pyrrolidine Biosynthesis Is Involved in the Late Steps of Xenocoumacin Production in Xenorhabdus nematophila. ChemBioChem, 2009, 10, 1997-2001.	1.3	56
58	An Uncommon Type II PKS Catalyzes Biosynthesis of Aryl Polyene Pigments. Journal of the American Chemical Society, 2019, 141, 16615-16623.	6.6	56
59	Structure and Biosynthesis of Xenoamicins from Entomopathogenic Xenorhabdus. Chemistry - A European Journal, 2013, 19, 16772-16779.	1.7	55
60	Refining the Natural Product Repertoire in Entomopathogenic Bacteria. Trends in Microbiology, 2018, 26, 833-840.	3.5	55
61	Structure Elucidation and Activity of Kolossinâ€...A, the <scp>D</scp>â€/<scp>L</scp>â€Pentadecapeptide Product of a Giant Nonribosomal Peptide Synthetase. Angewandte Chemie - International Edition, 2015, 54, 10352-10355.	7.2	53
62	From Genetic Diversity to Metabolic Unity: Studies on the Biosynthesis of Aurafurones and Aurafuron-like Structures in Myxobacteria and Streptomycetes. Journal of Molecular Biology, 2007, 374, 24-38.	2.0	52
63	The Janthinobacterium sp. HH01 Genome Encodes a Homologue of the V. cholerae CqsA and L. pneumophila LqsA Autoinducer Synthases. PLoS ONE, 2013, 8, e55045.	1.1	52
64	Insectâ€Specific Production of New GameXPeptides in Photorhabdus luminescens TTO1, Widespread Natural Products in Entomopathogenic Bacteria. ChemBioChem, 2015, 16, 205-208.	1.3	52
65	Triggering the production of the cryptic blue pigment indigoidine from Photorhabdus luminescens. Journal of Biotechnology, 2012, 157, 96-99.	1.9	51
66	Neutral Loss Fragmentation Pattern Based Screening for Arginine-Rich Natural Products in Xenorhabdus and Photorhabdus. Analytical Chemistry, 2012, 84, 6948-6955.	3.2	50
67	Yeast Homologous Recombination Cloning Leading to the Novel Peptides Ambactin and Xenolindicin. ChemBioChem, 2014, 15, 1290-1294.	1.3	50
68	A Type I/Type III Polyketide Synthase Hybrid Biosynthetic Pathway for the Structurally Unique ansa Compound Kendomycin. ChemBioChem, 2008, 9, 2711-2721.	1.3	49
69	Human CYP4Z1 catalyzes the in-chain hydroxylation of lauric acid and myristic acid. Biological Chemistry, 2009, 390, 313-317.	1.2	49
70	Structure-based redesign of docking domain interactions modulates the product spectrum of a rhabdopeptide-synthesizing NRPS. Nature Communications, 2018, 9, 4366.	5.8	49
71	3-Hydroxy-3-Methylglutaryl-Coenzyme A (CoA) Synthase Is Involved in Biosynthesis of Isovaleryl-CoA in the Myxobacterium Myxococcus xanthus during Fruiting Body Formation. Journal of Bacteriology, 2006, 188, 6524-6528.	1.0	48
72	Languages and dialects: bacterial communication beyond homoserine lactones. Trends in Microbiology, 2015, 23, 521-523.	3.5	46

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73	Impact of the cross-pathway control on the regulation of lysine and penicillin biosynthesis in Aspergillus nidulans. Current Genetics, 2003, 42, 209-219.	0.8	44
74	A multifunctional enzyme is involved in bacterial ether lipid biosynthesis. Nature Chemical Biology, 2014, 10, 425-427.	3.9	43
75	Biosynthesis of kendomycin: origin of the oxygen atoms and further investigations. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2665-2670.	1.3	42
76	Synthesis of szentiamide, a depsipeptide from entomopathogenic Xenorhabdus szentirmaii with activity against Plasmodium falciparum. Beilstein Journal of Organic Chemistry, 2012, 8, 528-533.	1.3	42
77	Global analysis of biosynthetic gene clusters reveals conserved and unique natural products in entomopathogenic nematode-symbiotic bacteria. Nature Chemistry, 2022, 14, 701-712.	6.6	42
78	Rapid Determination of the Amino Acid Configuration of Xenotetrapeptide. ChemBioChem, 2014, 15, 826-828.	1.3	41
79	Lipid body formation plays a central role in cell fate determination during developmental differentiation of Myxococcus xanthus. Molecular Microbiology, 2009, 74, 497-517.	1.2	40
80	Xenortide Biosynthesis by Entomopathogenic Xenorhabdus nematophila. Journal of Natural Products, 2014, 77, 1976-1980.	1.5	40
81	Promoter Activation in Î”hfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. Angewandte Chemie - International Edition, 2019, 58, 18957-18963.	7.2	40
82	Characterisation of Taxlllaids Aâ€“G; Natural Products from Xenorhabdus indica. Chemistry - A European Journal, 2014, 20, 17478-17487.	1.7	39
83	A natural prodrug activation mechanism in the biosynthesis of nonribosomal peptides. Natural Product Reports, 2014, 31, 154-159.	5.2	39
84	Biosynthesis of Iso-Fatty Acids in Myxobacteria:Â Iso-Even Fatty Acids Are Derived by Î±-Oxidation from Iso-Odd Fatty Acids. Journal of the American Chemical Society, 2005, 127, 532-533.	6.6	38
85	Insects: True Pioneers in Antiâ€infective Therapy and What We Can Learn from Them. Angewandte Chemie - International Edition, 2009, 48, 6394-6396.	7.2	38
86	Biosynthesis of iso-fatty acids in myxobacteria. Organic and Biomolecular Chemistry, 2005, 3, 2824.	1.5	37
87	Initiation of the flexirubin biosynthesis in <scp>C</scp>hitinophaga pinensis. Microbial Biotechnology, 2014, 7, 232-241.	2.0	37
88	Photorhabdus heterorhabditis subsp. aluminescens subsp. nov., Photorhabdus heterorhabditis subsp. heterorhabditis subsp. nov., Photorhabdus australis subsp. thailandensis subsp. nov., Photorhabdus australis subsp. australis subsp. nov., and Photorhabdus aegyptia sp. nov. isolated from Heterorhabditis entomopathogenic nematodes. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	37
89	Antiparasitic Chaiyaphumines from Entomopathogenic Xenorhabdus sp. PB61.4. Journal of Natural Products, 2014, 77, 779-783.	1.5	36
90	A Photorhabdus Natural Product Inhibits Insect Juvenile Hormone Epoxide Hydrolase. ChemBioChem, 2015, 16, 766-771.	1.3	36

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91	Nonacetogenic Growth of the Acetogen Acetobacterium woodii on 1,2-Propanediol. Journal of Bacteriology, 2015, 197, 382-391.	1.0	36
92	Screening of the Antimicrobial Activity against Drug Resistant Bacteria of Photorhabdus and Xenorhabdus Associated with Entomopathogenic Nematodes from Mae Wong National Park, Thailand. Frontiers in Microbiology, 2017, 8, 1142.	1.5	36
93	Expanding the Isoprenoid Building Block Repertoire with an IPP Methyltransferase from Streptomyces monomycini. ACS Synthetic Biology, 2019, 8, 1303-1313.	1.9	36
94	A Biosynthetic Pathway to Isovaleryl-CoA in Myxobacteria: The Involvement of the Mevalonate Pathway. ChemBioChem, 2005, 6, 322-330.	1.3	35
95	Insights into the complex biosynthesis of the leupyrrins in Sorangium cellulosum So ce690. Molecular BioSystems, 2011, 7, 1549.	2.9	35
96	LuxR solos in Photorhabdus species. Frontiers in Cellular and Infection Microbiology, 2014, 4, 166.	1.8	35
97	Structural snapshots of the minimal PKS system responsible for octaketide biosynthesis. Nature Chemistry, 2020, 12, 755-763.	6.6	35
98	Structure determination of the bioactive depsipeptide xenobactin from Xenorhabdus sp. PB30.3. RSC Advances, 2013, 3, 22072.	1.7	34
99	Dual phenazine gene clusters enable diversification during biosynthesis. Nature Chemical Biology, 2019, 15, 331-339.	3.9	34
100	Biosynthetic Gene Content of the â€˜Perfume Lichensâ€™ Evernia prunastri and Pseudevernia furfuracea. Molecules, 2019, 24, 203.	1.7	34
101	MutasynthesisâEDerived Myxalamids and Origin of the Isobutyrylâ€CoA Starter Unit of Myxalamid B. ChemBioChem, 2007, 8, 2139-2144.	1.3	33
102	Structure, Biosynthesis, and Occurrence of Bacterial Pyrrolizidine Alkaloids. Angewandte Chemie - International Edition, 2015, 54, 12702-12705.	7.2	33
103	From Insect to Man: Photorhabdus Sheds Light on the Emergence of Human Pathogenicity. PLoS ONE, 2015, 10, e0144937.	1.1	33
104	Identification and isolation of insecticidal oxazoles from Pseudomonas spp.. Beilstein Journal of Organic Chemistry, 2012, 8, 749-752.	1.3	31
105	Biosynthesis of the Insecticidal Xenocyloins in Xenorhabdus bovienii. ChemBioChem, 2014, 15, 369-372.	1.3	31
106	Biosynthesis of the Antibiotic Nematophin and Its Elongated Derivatives in Entomopathogenic Bacteria. Organic Letters, 2017, 19, 806-809.	2.4	31
107	Integrating genomics and metabolomics for scalable non-ribosomal peptide discovery. Nature Communications, 2021, 12, 3225.	5.8	31
108	Genome comparisons provide insights into the role of secondary metabolites in the pathogenic phase of the Photorhabdus life cycle. BMC Genomics, 2016, 17, 537.	1.2	30

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109	Fabclavine diversity in Xenorhabdus bacteria. Beilstein Journal of Organic Chemistry, 2020, 16, 956-965.	1.3	30
110	The Global Regulators Lrp, LeuO, and HexA Control Secondary Metabolism in Entomopathogenic Bacteria. Frontiers in Microbiology, 2017, 8, 209.	1.5	29
111	Velvet domain protein VosA represses the zinc cluster transcription factor SclB regulatory network for Aspergillus nidulans asexual development, oxidative stress response and secondary metabolism. PLoS Genetics, 2018, 14, e1007511.	1.5	29
112	New Vocabulary for Bacterial Communication. ChemBioChem, 2020, 21, 759-768.	1.3	29
113	Identification and Biosynthesis of a Novel Xanthomonadin-Dialkylresorcinol-Hybrid from Azoarcus sp. BH72. PLoS ONE, 2014, 9, e90922.	1.1	28
114	Reciprocal Cross Talk between Fatty Acid and Antibiotic Biosynthesis in a Nematode Symbiont. Angewandte Chemie - International Edition, 2012, 51, 12086-12089.	7.2	27
115	The Expression of stlA in Photorhabdus luminescens Is Controlled by Nutrient Limitation. PLoS ONE, 2013, 8, e82152.	1.1	27
116	Biosynthesis and function of bacterial dialkylresorcinol compounds. Applied Microbiology and Biotechnology, 2015, 99, 8323-8328.	1.7	27
117	Efficient nonenzymatic cyclization and domain shuffling drive pyrrolopyrazine diversity from truncated variants of a fungal NRPS. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25614-25623.	3.3	27
118	Engineering bacterial symbionts of nematodes improves their biocontrol potential to counter the western corn rootworm. Nature Biotechnology, 2020, 38, 600-608.	9.4	27
119	Synthetic Zippers as an Enabling Tool for Engineering of Nonâ€Ribosomal Peptide Synthetases**. Angewandte Chemie - International Edition, 2021, 60, 17531-17538.	7.2	27
120	Xenorhabdus thuongxuanensis sp. nov. and Xenorhabdus eapokensis sp. nov., isolated from Steinernema species. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1107-1114.	0.8	26
121	Sphaerolone and dihydrosphaerolone, two bisnaphthyl-pigments from the fungus Sphaeropsidales sp. F-24â€²707. Phytochemistry, 2000, 54, 597-601.	1.4	25
122	Straight-Chain Fatty Acids Are Dispensable in the Myxobacterium Myxococcus xanthus for Vegetative Growth and Fruiting Body Formation. Journal of Bacteriology, 2006, 188, 5632-5634.	1.0	25
123	From a Multipotent Stilbene to Soluble Epoxide Hydrolase Inhibitors with Antiproliferative Properties. ChemMedChem, 2013, 8, 919-923.	1.6	25
124	Artificial Splitting of a Nonâ€Ribosomal Peptide Synthetase by Inserting Natural Docking Domains. Angewandte Chemie - International Edition, 2020, 59, 13463-13467.	7.2	25
125	Identification and Bioanalysis of Natural Products from Insect Symbionts and Pathogens. Advances in Biochemical Engineering/Biotechnology, 2013, 135, 123-155.	0.6	24
126	Metabolomicsâ€based chemotaxonomy of root endophytic fungi for natural products discovery. Environmental Microbiology, 2018, 20, 1253-1270.	1.8	24

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127	Symbiosis, virulence and natural-product biosynthesis in entomopathogenic bacteria are regulated by a small RNA. Nature Microbiology, 2020, 5, 1481-1489.	5.9	24
128	Climateâ€specific biosynthetic gene clusters in populations of a lichenâ€forming fungus. Environmental Microbiology, 2021, 23, 4260-4275.	1.8	24
129	Antifungal activity of different Xenorhabdus and Photorhabdus species against various fungal phytopathogens and identification of the antifungal compounds from X. szentirmaii. Applied Microbiology and Biotechnology, 2021, 105, 5517-5528.	1.7	24
130	Photorhabdus luminescens subsp. namnaonensis subsp. nov., isolated from Heterorhabditis baujardi nematodes. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1046-1051.	0.8	24
131	Cytotoxic Fatty Acid Amides from Xenorhabdus. ChemBioChem, 2011, 12, 2011-2015.	1.3	23
132	Rhabdopeptide/Xenortide-like Peptides from Xenorhabdus innexi with Terminal Amines Showing Potent Antiprotozoal Activity. Organic Letters, 2018, 20, 5116-5120.	2.4	23
133	A comprehensive insight into the lipid composition of Myxococcus xanthus by UPLC-ESI-MS. Journal of Lipid Research, 2014, 55, 2620-2633.	2.0	22
134	The Microbes inside Us and the Race for Colibactin. Angewandte Chemie - International Edition, 2015, 54, 10408-10411.	7.2	22
135	Structure and Biosynthesis of Isatropolones, Bioactive Amineâ€Scavenging Fluorescent Natural Products from Streptomycesâ€…GÃ¶66. Angewandte Chemie - International Edition, 2017, 56, 4945-4949.	7.2	22
136	Identification and occurrence of the hydroxamate siderophores aerobactin, putrebactin, avaroferrin and ochrobactin C as virulence factors from entomopathogenic bacteria. Environmental Microbiology, 2017, 19, 4080-4090.	1.8	22
137	A novel and widespread class of ketosynthase is responsible for the head-to-head condensation of two acyl moieties in bacterial pyrone biosynthesis. Beilstein Journal of Organic Chemistry, 2015, 11, 1412-1417.	1.3	21
138	Biosynthesis and function of simple amides in Xenorhabdus doucetiae. Environmental Microbiology, 2017, 19, 4564-4575.	1.8	21
139	Fabclavine biosynthesis in X. szentirmaii: shortened derivatives and characterization of the thioester reductase FclG and the condensation domain-like protein FclL. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 565-572.	1.4	21
140	Two Lipid Signals Guide Fruiting Body Development of Myxococcus xanthus. MBio, 2014, 5, e00939-13.	1.8	20
141	Uncovering Nematicidal Natural Products from Xenorhabdus Bacteria. Journal of Agricultural and Food Chemistry, 2022, 70, 498-506.	2.4	20
142	Biosynthesis of 2â€Hydroxy and isoâ€Even Fatty Acids is Connected to Sphingolipid Formation in Myxobacteria. ChemBioChem, 2009, 10, 2003-2010.	1.3	19
143	Nematode-Associated Bacteria: Production of Antimicrobial Agent as a Presumptive Nominee for Curing Endodontic Infections Caused by Enterococcus faecalis. Frontiers in Microbiology, 2019, 10, 2672.	1.5	19
144	A New Docking Domain Type in the Peptide-Antimicrobial-Xenorhabdus Peptide Producing Nonribosomal Peptide Synthetase from Xenorhabdus bovienii. ACS Chemical Biology, 2020, 15, 982-989.	1.6	19

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145	Reversible Sugar Transfer by Glycosyltransferases as a Tool for Natural Product (Bio)synthesis. Angewandte Chemie - International Edition, 2007, 46, 2147-2150.	7.2	18
146	Xentrivalpeptides Aâ€“Q: Depsipeptide Diversification inXenorhabdus. Journal of Natural Products, 2012, 75, 1717-1722.	1.5	18
147	Bioactive Derivatives of Isopropylstilbene from Mutasynthesis and Chemical Synthesis. ChemBioChem, 2014, 15, 2689-2691.	1.3	18
148	Molecular mechanism of polyketide shortening in anthraquinone biosynthesis of Photorhabdus luminescens. Chemical Science, 2019, 10, 6341-6349.	3.7	18
149	Reprogramming Promiscuous Nonribosomal Peptide Synthetases for Production of Specific Peptides. Organic Letters, 2019, 21, 2116-2120.	2.4	18
150	Nonribosomal Peptides Produced by Minimal and Engineered Synthetases with Terminal Reductase Domains. ChemBioChem, 2020, 21, 2750-2754.	1.3	18
151	(Â±)-Alternarlactones A and B, Two Antiparasitic Alternariol-like Dimers from the Fungus Alternaria alternata P1210 Isolated from the Halophyte Salicornia sp.. Journal of Organic Chemistry, 2019, 84, 11203-11209.	1.7	17
152	Promoter Activation in Î” hfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. Angewandte Chemie, 2019, 131, 19133-19139.	1.6	16
153	No Need To Be Pure: Mix the Cultures!. Chemistry and Biology, 2006, 13, 1245-1246.	6.2	15
154	Natural Products from Photorhabdus and Other Entomopathogenic Bacteria. Current Topics in Microbiology and Immunology, 2016, 402, 55-79.	0.7	15
155	Bioprospecting for secondary metabolites in the entomopathogenic bacterium Photorhabdus luminescens subsp. sonorensis. Journal of Invertebrate Pathology, 2016, 141, 45-52.	1.5	15
156	Relative potency of a novel acaricidal compound from Xenorhabdus, a bacterial genus mutualistically associated with entomopathogenic nematodes. Scientific Reports, 2021, 11, 11253.	1.6	15
157	Myxotyrosides A and B, Unusual Rhamnosides from Myxococcus sp.. Journal of Natural Products, 2009, 72, 82-86.	1.5	14
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