Jeroen S Dickschat

List of Publications by Year
in descending order

222	10,819	34016 52	45213 90
papers	citations	h-index	g-index

232	232	232	9024
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering fungal terpene biosynthesis. Natural Product Reports, 2023, 40, 28-45.	5.2	14
2	Biosynthesis, evolution and ecology of microbial terpenoids. Natural Product Reports, 2022, 39, 249-272.	5.2	40
3	Mechanistic Investigations on Microbial Type I Terpene Synthases through Site-Directed Mutagenesis. Synthesis, 2022, 54, 1551-1565.	1.2	16
4	Isotopic Labeling Experiments Solve the Hedycaryol Problem. Organic Letters, 2022, 24, 587-591.	2.4	9
5	Mechanismus der bifunktionellen Multiproduktâ€Sesterterpensynthase AcAS aus <i>Aspergillus calidoustus</i>. Angewandte Chemie, 2022, 134, .	1.6	2
6	Mechanism of the Bifunctional Multiple Product Sesterterpene Synthase AcAS from <i>Aspergillus calidoustus</i>. Angewandte Chemie - International Edition, 2022, 61, .	7.2	21
7	Isotopic labelling experiments and enzymatic preparation of iso-casbenes with casbene synthase from <i>Ricinus communis</i>. Organic Chemistry Frontiers, 2022, 9, 795-801.	2.3	10
8	The enzyme mechanism of patchoulol synthase. Beilstein Journal of Organic Chemistry, 2022, 18, 13-24.	1.3	4
9	Enzymatic Synthesis of Variediene Analogs. Chemistry - A European Journal, 2022, 28, .	1.7	10
10	An isotopic probe to follow the stereochemical course of dehydratase reactions in polyketide and fatty acid biosynthesis. Organic Chemistry Frontiers, 2022, 9, 2714-2720.	2.3	3
11	A non-natural biosynthesis pathway toward 2-methylisoborneol. Chemical Communications, 2022, 58, 4316-4319.	2.2	4
12	Catalytic role of carbonyl oxygens and water in selinadiene synthase. Nature Catalysis, 2022, 5, 128-135.	16.1	25
13	Hedycaryol â€“ Central Intermediates in Sesquiterpene Biosynthesis, Part II. Chemistry - A European Journal, 2022, 28, .	1.7	8
14	Deceptive Complexity in Formation of Cleistantha-8,12-diene. Organic Letters, 2022, 24, 2646-2649.	2.4	2
15	Frontispiece: Hedycaryol â€“ Central Intermediates in Sesquiterpene Biosynthesis, Part II. Chemistry - A European Journal, 2022, 28, .	1.7	0
16	High Versatility of IPP and DMAPP Methyltransferases Enables Synthesis of C₆, C₇and C₈Terpenoid Building Blocks. ChemBioChem, 2022, 23, .	1.3	8
17	Discovery of non-squalene triterpenes. Nature, 2022, 606, 414-419.	13.7	71
18	Diterpene Biosynthesis in <i>Catenulispora acidiphila</i>: On the Mechanism of Catenulâ€14â€enâ€6â€ol Synthase. Angewandte Chemie - International Edition, 2021, 60, 1488-1492.	7.2	32

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19	Diterpenâ€•Biosynthese in <i>Catenulispora acidiphila</i>: Ãœber den Mechanismus der Catenulâ€•1 4â€•enâ€•6â€•olâ€•Synthase. Angewandte Chemie, 2021, 133, 1510-1514.	1.6	11
20	Mechanistic divergence between (4<i>S</i>,7<i>R</i>)-germacra-(1(10)<i>E</i>,5<i>E</i>)-dien-11-ol synthases from <i>Dictyostelium purpureum</i> and <i>Streptomyces coelicolor</i>. Organic and Biomolecular Chemistry, 2021, 19, 370-374.	1.5	5
21	Revision of the Cyclisation Mechanism for the Diterpene Spiroviolene and Investigations of Its Mass Spectrometric Fragmentation. ChemBioChem, 2021, 22, 850-854.	1.3	11
22	The mass spectrometric fragmentation mechanisms of catenulane and isocatenulane diterpenes. Organic and Biomolecular Chemistry, 2021, 19, 2224-2232.	1.5	2
23	Stereochemical characterisation of the non-canonical Î±-humulene synthase from <i>Acremonium strictum</i>. Organic and Biomolecular Chemistry, 2021, 19, 8482-8486.	1.5	3
24	The Sesquiterpene Synthase PtTPS5 Produces (1S,5S,7R,10R)-Guaia-4(15)-en-11-ol and (1S,7R,10R)-Guaia-4-en-11-ol in Oomycete-Infected Poplar Roots. Molecules, 2021, 26, 555.	1.7	11
25	<i>Cis</i> double bond formation in polyketide biosynthesis. Natural Product Reports, 2021, 38, 1445-1468.	5.2	14
26	Breakdown of 3-(allylsulfonio)propanoates in bacteria from the <i>Roseobacter</i> group yields garlic oil constituents. Beilstein Journal of Organic Chemistry, 2021, 17, 569-580.	1.3	0
27	Identification of volatiles from six marine <i>Celeribacter</i> strains. Beilstein Journal of Organic Chemistry, 2021, 17, 420-430.	1.3	3
28	1,2â€•or 1,3â€•Hydride Shifts: What Controls Guaiane Biosynthesis?. Chemistry - A European Journal, 2021, 27, 9758-9762.	1.7	16
29	Rerouting and Improving Daucâ€•8â€•enâ€•11â€•ol Synthase from Streptomyces venezuelae to a High Yielding Biocatalyst. Chemistry - A European Journal, 2021, 27, 7923-7929.	1.7	12
30	The Termite Fungal Cultivar<i>Termitomyces</i>Combines Diverse Enzymes and Oxidative Reactions for Plant Biomass Conversion. MBio, 2021, 12, e0355120.	1.8	16
31	A Flavoprotein Dioxygenase Steers Bacterial Tropone Biosynthesis via Coenzyme A-Ester Oxygenolysis and Ring Epoxidation. Journal of the American Chemical Society, 2021, 143, 10413-10421.	6.6	16
32	The Mechanism of Dehydrating Bimodules in <i>trans</i>â€•Acyltransferase Polyketide Biosynthesis: A Showcase Study on Hepatoprotective Hangtaimycin. Angewandte Chemie - International Edition, 2021, 60, 19139-19143.	7.2	7
33	Functional Switch and Ethyl Group Formation in the Bacterial Polytrichastrene Synthase from <i>Chryseobacterium polytrichastri</i>. Angewandte Chemie - International Edition, 2021, 60, 20781-20785.	7.2	20
34	Funktionaler Schalter und Ethylgruppenbildung der Bakteriellen Polytrichastrensynthase aus Chryseobacterium polytrichastri. Angewandte Chemie, 2021, 133, 20949-20953.	1.6	8
35	Targeting active site residues and structural anchoring positions in terpene synthases. Beilstein Journal of Organic Chemistry, 2021, 17, 2441-2449.	1.3	7
36	Using Terpene Synthase Plasticity in Catalysis: On the Enzymatic Conversion of Synthetic Farnesyl Diphosphate Analogues. Chemistry - A European Journal, 2021, 27, 15644-15649.	1.7	10

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37	Isoishwarane synthase from <i>Streptomyces lincolnensis</i>. Organic Chemistry Frontiers, 2021, 8, 1177-1184.	2.3	14
38	Klyflaccilins Bâ€T, Polyoxgenated Eunicellins from the Soft Coral Klyxum flaccidum. European Journal of Organic Chemistry, 2021, 2021, 1402-1406.	1.2	3
39	A Family of Related Fungal and Bacterial Diâ€•and Sesterterpenes: Studies on Fusaterpenol and Variediene. ChemBioChem, 2020, 21, 486-491.	1.3	13
40	Mechanistic Studies on Trichoacorenol Synthase from <i>Amycolatopsis benzoatilytica</i>. ChemBioChem, 2020, 21, 807-810.	1.3	6
41	Enzymatic Synthesis of Methylated Terpene Analogues Using the Plasticity of Bacterial Terpene Synthases. Chemistry - A European Journal, 2020, 26, 2178-2182.	1.7	30
42	The Biosynthetic Gene Cluster for Sestermobaraenesâ€"Discovery of a Geranylfarnesyl Diphosphate Synthase and a Multiproduct Sesterterpene Synthase from <i>Streptomyces mobaraensis</i>. Angewandte Chemie - International Edition, 2020, 59, 19961-19965.	7.2	39
43	Biosynthesegencluster fÃ¼r Sestermobaraene â€" Entdeckung einer Geranylfarnesyldiphosphatsynthase und einer Multiproduktâ€Sesterterpensynthase aus <i>Streptomyces mobaraensis</i>. Angewandte Chemie, 2020, 132, 20135-20140.	1.6	13
44	On the mechanism of ophiobolin F synthase and the absolute configuration of its product by isotopic labelling experiments. Organic and Biomolecular Chemistry, 2020, 18, 6072-6076.	1.5	16
45	Volatiles from the Psychrotolerant Bacterium Chryseobacterium polytrichastri. ChemBioChem, 2020, 21, 3608-3617.	1.3	3
46	Biosynthetic Gene Cluster for Asperterpenols A and B and the Cyclization Mechanism of Asperterpenol A Synthase. Organic Letters, 2020, 22, 7552-7555.	2.4	21
47	Zwei Diterpensynthasen aus <i>Chryseobacterium</i>: Chryseodienâ€Synthase und Wanjudienâ€Synthase. Angewandte Chemie, 2020, 132, 12041-12045.	1.6	10
48	Diving into the world of marine 2,11-cyclized cembranoids: a summary of new compounds and their biological activities. Natural Product Reports, 2020, 37, 1367-1383.	5.2	38
49	Mechanistic Characterization of the Fusicoccane-type Diterpene Synthase for Myrothec-15(17)-en-7-ol. ACS Catalysis, 2020, 10, 4306-4312.	5.5	24
50	Polycyclic meroterpenoids, talaromyolides EÂâˆ' K for antiviral activity against pseudorabies virus from the endophytic fungus Talaromyces purpureogenus. Tetrahedron, 2020, 76, 131349.	1.0	20
51	Sesquiterpene synthases for bungoene, pentalenene and<i>epi</i>-isozizaene from<i>Streptomyces bungoensis</i>. Organic and Biomolecular Chemistry, 2020, 18, 4547-4550.	1.5	9
52	Two Diterpene Synthases from <i>Chryseobacterium</i>: Chryseodiene Synthase and Wanjudiene Synthase. Angewandte Chemie - International Edition, 2020, 59, 11943-11947.	7.2	27
53	Germacreneâ€…Aâ€"A Central Intermediate in Sesquiterpene Biosynthesis. Chemistry - A European Journal, 2020, 26, 17318-17341.	1.7	41
54	Nature-driven approaches to non-natural terpene analogues. Natural Product Reports, 2020, 37, 1080-1097.	5.2	43

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55	On the mass spectrometric fragmentations of the bacterial sesterterpenes sestermobaraenes Aâ€“C. Beilstein Journal of Organic Chemistry, 2020, 16, 2807-2819.	1.3	5
56	Frontispiece: Germacreneâ€…Aâ€“A Central Intermediate in Sesquiterpene Biosynthesis. Chemistry - A European Journal, 2020, 26, .	1.7	0
57	Biosynthesis of Diterpenoid Natural Products. , 2020, , 506-552.		1
58	Eine ungewÃ¶hnliche GerÃ¼stumlagerung in der Biosynthese des Sesquiterpens Trichobrasilenol aus <i>Trichoderma</i>. Angewandte Chemie, 2019, 131, 15188-15192.	1.6	2
59	An Unusual Skeletal Rearrangement in the Biosynthesis of the Sesquiterpene Trichobrasilenol from <i>Trichoderma</i>. Angewandte Chemie - International Edition, 2019, 58, 15046-15050.	7.2	20
60	Bakterielle Diterpenbiosynthese. Angewandte Chemie, 2019, 131, 16110-16123.	1.6	31
61	Talaromyolides Aâ€“D and Talaromytin: Polycyclic Meroterpenoids from the Fungus <i>Talaromyces</i> sp. CX11. Organic Letters, 2019, 21, 6539-6542.	2.4	39
62	Terpene Synthase Genes Originated from Bacteria through Horizontal Gene Transfer Contribute to Terpenoid Diversity in Fungi. Scientific Reports, 2019, 9, 9223.	1.6	31
63	Characterization of Micromonocyclol Synthase from the Marine Actinomycete <i>Micromonospora marina</i>. Organic Letters, 2019, 21, 9442-9445.	2.4	15
64	Mechanistic characterization of three sesquiterpene synthases from the termite-associated fungus <i>Termitomyces</i>. Organic and Biomolecular Chemistry, 2019, 17, 3348-3355.	1.5	32
65	Mechanistic investigations on multiproduct Î²-himachalene synthase from <i>Cryptosporangium arvum</i>. Beilstein Journal of Organic Chemistry, 2019, 15, 1008-1019.	1.3	9
66	Bacterial Diterpene Biosynthesis. Angewandte Chemie - International Edition, 2019, 58, 15964-15976.	7.2	98
67	Phylogenomic analyses and distribution of terpene synthases amongStreptomyces. Beilstein Journal of Organic Chemistry, 2019, 15, 1181-1193.	1.3	28
68	Stereochemical investigations on the biosynthesis of achiral (Z)-Î³-bisabolene in Cryptosporangium arvum. Beilstein Journal of Organic Chemistry, 2019, 15, 789-794.	1.3	12
69	Diterpenbiosynthese in Actinomyceten: Studien an Cattleyensynthase und Phomopsensynthase. Angewandte Chemie, 2019, 131, 9328-9332.	1.6	14
70	Diterpene Biosynthesis in Actinomycetes: Studies on Cattleyene Synthase and Phomopsene Synthase. Angewandte Chemie - International Edition, 2019, 58, 9230-9233.	7.2	38
71	Addressing the Chemistry of Germacrene A by Isotope Labeling Experiments. Organic Letters, 2019, 21, 2426-2429.	2.4	71
72	Volatiles from the ascomycete Daldinia cf. childiae (Hypoxylaceae), originating from China. MedChemComm, 2019, 10, 726-734.	3.5	5

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73	Substrate promiscuity of enzymes from the sesquiterpene biosynthetic pathways from Artemisia annua and Tanacetum parthenium allows for novel combinatorial sesquiterpene production. Metabolic Engineering, 2019, 54, 12-23.	3.6	13
74	Characterisation of three terpene synthases for Î²-barbatene, Î²-araneosene and nephthenol from social amoebae. Chemical Communications, 2019, 55, 13255-13258.	2.2	10
75	Biochemical and Mechanistic Characterization of the Fungal Reverse <i>N-</i>1-Dimethylallyltryptophan Synthase DMATS1_{Ff}. ACS Chemical Biology, 2019, 14, 2922-2931.	1.6	11
76	Terpenes. Beilstein Journal of Organic Chemistry, 2019, 15, 2966-2967.	1.3	1
77	Eine verzweigte Diterpenkaskade: der Mechanismus der Spinodienâ€Synthase aus <i>Saccharopolyspora spinosa</i>. Angewandte Chemie, 2019, 131, 461-465.	1.6	14
78	A Branched Diterpene Cascade: The Mechanism of Spinodiene Synthase from <i>Saccharopolyspora spinosa</i>. Angewandte Chemie - International Edition, 2019, 58, 452-455.	7.2	42
79	The EI-MS Fragmentation Mechanisms of Bacterial Sesquiterpenes and Diterpenes. European Journal of Organic Chemistry, 2019, 2019, 351-359.	1.2	7
80	A terpene synthase-cytochrome P450 cluster in Dictyostelium discoideum produces a novel trisnorsesquiterpene. ELife, 2019, 8, .	2.8	11
81	Synthesis and Absolute Configuration of Natural 2â€Pyrones. European Journal of Organic Chemistry, 2018, 2018, 3144-3157.	1.2	13
82	Two Diterpene Synthases for Spiroalbatene and Cembreneâ€…A from <i>Allokutzneria albata</i>. Angewandte Chemie - International Edition, 2018, 57, 3238-3241.	7.2	77
83	Deciphering the genome and secondary metabolome of the plant pathogen Fusarium culmorum. FEMS Microbiology Ecology, 2018, 94, .	1.3	10
84	Zwei Diterpensynthasen fÃ¼r Spiroalbaten und Cembren A aus <i>Allokutzneria albata</i>. Angewandte Chemie, 2018, 130, 3292-3296.	1.6	36
85	An Isotopic Labelling Strategy to Study Cytochrome P450 Oxidations of Terpenes. ChemBioChem, 2018, 19, 1498-1501.	1.3	3
86	The absolute configuration of isochamigrene: new insights into the cyclisation mechanism of trichodiene synthase. Chemical Communications, 2018, 54, 3540-3542.	2.2	3
87	From lignin to nylon: Cascaded chemical and biochemical conversion using metabolically engineered Pseudomonas putida. Metabolic Engineering, 2018, 47, 279-293.	3.6	225
88	Acyl-group specificity of AHL synthases involved in quorum-sensing in <i>Roseobacter</i> group bacteria. Beilstein Journal of Organic Chemistry, 2018, 14, 1309-1316.	1.3	14
89	Volatiles from the hypoxylaceous fungi <i>Hypoxylon griseobrunneum</i> and <i>Hypoxylon macrocarpum</i>. Beilstein Journal of Organic Chemistry, 2018, 14, 2974-2990.	1.3	7
90	Diversity and Functional Evolution of Terpene Synthases in Dictyostelid Social Amoebae. Scientific Reports, 2018, 8, 14361.	1.6	11

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91	Eine chimÃre pilzliche Diterpensynthase der Klade IIâ€Ð aus <i>Colletotrichum gloeosporioides</i> produziert Dolastaâ€•1(15),8â€•dien. Angewandte Chemie, 2018, 130, 16113-16117.	1.6	15
92	A Clade IIâ€Ð Fungal Chimeric Diterpene Synthase from <i>Colletotrichum gloeosporioides</i> Produces Dolastaâ€•1(15),8â€•diene. Angewandte Chemie - International Edition, 2018, 57, 15887-15890.	7.2	57
93	Heterologous expression of 2-methylisoborneol / 2 methylenebornane biosynthesis genes in Escherichia coli yields novel C11-terpenes. PLoS ONE, 2018, 13, e0196082.	1.1	30
94	Zwei bakterielle Diterpensynthasen aus <i>Allokutzneria albata</i> fÃ¼r Bonnadien sowie fÃ¼r Phomopsen und Allokutzneren. Angewandte Chemie, 2018, 130, 8412-8415.	1.6	38
95	Erweiterung des synthetischen Potenzials von Sesquiterpencyclasen zur Erzeugung von nichtnatÃ¼rlichen Terpenoiden. Angewandte Chemie, 2018, 130, 11976-11980.	1.6	19
96	Exploiting the Synthetic Potential of Sesquiterpene Cyclases for Generating Unnatural Terpenoids. Angewandte Chemie - International Edition, 2018, 57, 11802-11806.	7.2	47
97	Sesquiterpene cyclizations catalysed inside the resorcinarene capsule and application in the short synthesis of isolongifolene and isolongifolenone. Nature Catalysis, 2018, 1, 609-615.	16.1	69
98	Volatiles from the tropical ascomycete <i>Daldinia clavata</i> (Hypoxylaceae, Xylariales). Beilstein Journal of Organic Chemistry, 2018, 14, 135-147.	1.3	11
99	Evolution and Diversity of Biosynthetic Gene Clusters in Fusarium. Frontiers in Microbiology, 2018, 9, 1158.	1.5	41
100	Two Bacterial Diterpene Synthases from <i>Allokutzneria albata</i> Produce Bonnadiene, Phomopsene, and Allokutznerene. Angewandte Chemie - International Edition, 2018, 57, 8280-8283.	7.2	88
101	Volatiles from the xylarialean fungus Hypoxylon invadens. Beilstein Journal of Organic Chemistry, 2018, 14, 734-746.	1.3	13
102	Volatiles from three genome sequenced fungi from the genusAspergillus. Beilstein Journal of Organic Chemistry, 2018, 14, 900-910.	1.3	9
103	Mechanistic Investigations of Two Bacterial Diterpene Cyclases: Spiroviolene Synthase and Tsukubadiene Synthase. Angewandte Chemie - International Edition, 2017, 56, 2776-2779.	7.2	108
104	Mechanistische Studien an zwei bakteriellen Diterpencyclasen: Spiroviolenâ€•Synthase und Tsukubadienâ€•Synthase. Angewandte Chemie, 2017, 129, 2820-2823.	1.6	49
105	Fungal volatiles â€“ a survey from edible mushrooms to moulds. Natural Product Reports, 2017, 34, 310-328.	5.2	84
106	Isoafricanol synthase from Streptomyces malaysiensis. Organic and Biomolecular Chemistry, 2017, 15, 2353-2358.	1.5	16
107	Chemical differentiation of three DMSP lyases from the marine Roseobacter group. Organic and Biomolecular Chemistry, 2017, 15, 4432-4439.	1.5	25
108	antiSMASH 4.0â€"improvements in chemistry prediction and gene cluster boundary identification. Nucleic Acids Research, 2017, 45, W36-W41.	6.5	1,196

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109	Modern Aspects of Isotopic Labellings in Terpene Biosynthesis. European Journal of Organic Chemistry, 2017, 2017, 4872-4882.	1.2	44
110	Metabolism of 2,3-dihydroxypropane-1-sulfonate by marine bacteria. Organic and Biomolecular Chemistry, 2017, 15, 2919-2922.	1.5	12
111	The Ecological Role of Volatile and Soluble Secondary Metabolites Produced by Soil Bacteria. Trends in Microbiology, 2017, 25, 280-292.	3.5	361
112	Harzianone Biosynthesis by the Biocontrol Fungus <i>Trichoderma</i>. ChemBioChem, 2017, 18, 2358-2365.	1.3	15
113	Characterisation of the <scp>l</scp>â€Cystine Î²â€Lyase PatB from <i>Phaeobacter inhibens</i>: An Enzyme Involved in the Biosynthesis of the Marine Antibiotic Tropodithietic Acid. ChemBioChem, 2017, 18, 2260-2267.	1.3	5
114	Transcriptional regulation of ectoine catabolism in response to multiple metabolic and environmental cues. Environmental Microbiology, 2017, 19, 4599-4619.	1.8	25
115	Volatiles from the fungal microbiome of the marine sponge Callyspongia cf. flammea. Organic and Biomolecular Chemistry, 2017, 15, 7411-7421.	1.5	20
116	Mechanistic Characterization of Two Chimeric Sesterterpene Synthases from <i>Penicillium</i>. Chemistry - A European Journal, 2017, 23, 10053-10057.	1.7	64
117	Sceptrin â€" Enantioselective Synthesis of a Tetrasubstituted allâ€<i>trans</i> Cyclobutane Key Intermediate. European Journal of Organic Chemistry, 2017, 2017, 4566-4571.	1.2	4
118	Mechanisms of the Diterpene Cyclases Î²â€Pinacene Synthase from <i>Dictyostelium discoideum</i> and Hydropyrene Synthase from <i>Streptomyces clavuligerus</i>. Chemistry - A European Journal, 2017, 23, 10501-10505.	1.7	53
119	Spataâ€13,17â€diene Synthaseâ€"An Enzyme with Sesquiâ€, Diâ€, and Sesterterpene Synthase Activity from <i>Streptomyces xinghaiensis</i>. Angewandte Chemie - International Edition, 2017, 56, 16385-16389.	7.2	64
120	Spataâ€13,17â€dienâ€Synthase â€" ein Enzym mit Sesquiâ€, Diâ€und Sesterterpenâ€Synthaseâ€AktivitÃt aus <i>Streptomyces xinghaiensis</i>. Angewandte Chemie, 2017, 129, 16603-16607.	1.6	27
121	The GATA-Type Transcription Factor Csm1 Regulates Conidiation and Secondary Metabolism in Fusarium fujikuroi. Frontiers in Microbiology, 2017, 8, 1175.	1.5	35
122	18-Hydroxydolabella-3,7-diene synthase â€" a diterpene synthase from <i>Chitinophaga pinensis</i>. Beilstein Journal of Organic Chemistry, 2017, 13, 1770-1780.	1.3	31
123	Mechanistic investigations on six bacterial terpene cyclases. Beilstein Journal of Organic Chemistry, 2016, 12, 1839-1850.	1.3	66
124	A detailed view on 1,8-cineol biosynthesis by <i>Streptomyces clavuligerus</i>. Beilstein Journal of Organic Chemistry, 2016, 12, 2317-2324.	1.3	25
125	The EIMS fragmentation mechanisms of the sesquiterpenes corvol ethers A and B, epi-cubebol and isodauc-8-en-11-ol. Beilstein Journal of Organic Chemistry, 2016, 12, 1380-1394.	1.3	17
126	Mechanistic Characterisation of Two Sesquiterpene Cyclases from the Plant Pathogenic Fungus <i>Fusarium fujikuroi</i>. Angewandte Chemie - International Edition, 2016, 55, 8748-8751.	7.2	63

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127	Strangers in the archaeal world: osmostressâ€responsive biosynthesis of ectoine and hydroxyectoine by the marine thaumarchaeon <i>Nitrosopumilus maritimus</i>. Environmental Microbiology, 2016, 18, 1227-1248.	1.8	66
128	Experimental and Theoretical Studies on Corvol Ether Biosynthesis. ChemBioChem, 2016, 17, 146-149.	1.3	19
129	Mechanistische Charakterisierung von zwei Sesquiterpenâ€Cyclasen aus dem phytopathogenen Pilz <i>Fusarium fujikuroi</i>. Angewandte Chemie, 2016, 128, 8890-8893.	1.6	19
130	Ãœber 1,3â€Hydridverschiebungen in Sesquiterpenâ€Cyclisierungen. Angewandte Chemie, 2016, 128, 13791-13794.	1.6	33
131	Terpencyclasen aus sozialen AmÃ¶ben. Angewandte Chemie, 2016, 128, 15646-15649.	1.6	33
132	Comparative â€œOmicsâ€• of the<i>Fusarium fujikuroi</i>Species Complex Highlights Differences in Genetic Potential and Metabolite Synthesis. Genome Biology and Evolution, 2016, 8, 3574-3599.	1.1	124
133	Discovery of a Mosaicâ€Like Biosynthetic Assembly Line with a Decarboxylative Offâ€Loading Mechanism through a Combination of Genome Mining and Imaging. Angewandte Chemie - International Edition, 2016, 55, 13611-13614.	7.2	10
134	Lessons from 1,3â€Hydride Shifts in Sesquiterpene Cyclizations. Angewandte Chemie - International Edition, 2016, 55, 13593-13596.	7.2	53
135	Terpene synthase genes in eukaryotes beyond plants and fungi: Occurrence in social amoebae. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12132-12137.	3.3	92
136	Labeling Studies Clarify the Committed Step in Bacterial Gibberellin Biosynthesis. Organic Letters, 2016, 18, 5974-5977.	2.4	17
137	Gibepyrone Biosynthesis in the Rice Pathogen Fusarium fujikuroi Is Facilitated by a Small Polyketide Synthase Gene Cluster. Journal of Biological Chemistry, 2016, 291, 27403-27420.	1.6	44
138	Pristinol, a Sesquiterpene Alcohol with an Unusual Skeleton from <i>Streptomyces pristinaespiralis</i>. Angewandte Chemie - International Edition, 2016, 55, 10141-10144.	7.2	50
139	Knockâ€down of the methyltransferase Kmt6 relieves H3K27me3 and results in induction of cryptic and otherwise silent secondary metabolite gene clusters in <i>Fusarium fujikuroi</i>. Environmental Microbiology, 2016, 18, 4037-4054.	1.8	109
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