

Rainer Ebel

List of Publications by Year in descending order

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79
papers

4,885
citations

117453

34
h-index

95083

68
g-index

89
all docs

89
docs citations

89
times ranked

5133
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary metabolites of fungi from marine habitats. <i>Natural Product Reports</i> , 2011, 28, 290.	5.2	563
2	Drugs from the seas - current status and microbiological implications. <i>Applied Microbiology and Biotechnology</i> , 2002, 59, 125-134.	1.7	417
3	Chaetopyranin, a Benzaldehyde Derivative, and Other Related Metabolites from <i>Chaetomium globosum</i> , an Endophytic Fungus Derived from the Marine Red Alga <i>Polysiphonia urceolata</i> . <i>Journal of Natural Products</i> , 2006, 69, 1622-1625.	1.5	254
4	Cytotoxic Metabolites from the Fungal Endophyte <i>Alternaria</i> sp. and Their Subsequent Detection in Its Host Plant <i>Polygonum senegalense</i> . <i>Journal of Natural Products</i> , 2008, 71, 972-980.	1.5	226
5	New Communesin Derivatives from the Fungus <i>Penicillium</i> sp. Derived from the Mediterranean Sponge <i>Axinellaverucosa</i> . <i>Journal of Natural Products</i> , 2004, 67, 78-81.	1.5	176
6	New Natural Products from the Sponge-Derived Fungus <i>Aspergillus niger</i> . <i>Journal of Natural Products</i> , 2004, 67, 1532-1543.	1.5	153
7	Bioactive metabolites from the endophytic fungus <i>Ampelomyces</i> sp. isolated from the medicinal plant <i>Urospermum picroides</i> . <i>Phytochemistry</i> , 2008, 69, 1716-1725.	1.4	150
8	Bioactive Metabolites from the Endophytic Fungus <i>Stemphylium globuliferum</i> Isolated from <i>Mentha pulegium</i> . <i>Journal of Natural Products</i> , 2009, 72, 626-631.	1.5	141
9	Xanalteric Acids I and II and Related Phenolic Compounds from an Endophytic <i>Alternaria</i> sp. Isolated from the Mangrove Plant <i>Sonneratia alba</i> . <i>Journal of Natural Products</i> , 2009, 72, 2053-2057.	1.5	138
10	An online resource for marine fungi. <i>Fungal Diversity</i> , 2019, 96, 347-433.	4.7	133
11	New Metabolites from Sponge-Derived Fungi <i>Curvularia lunata</i> and <i>Cladosporium herbarum</i> . <i>Journal of Natural Products</i> , 2002, 65, 730-733.	1.5	132
12	Dual Induction of New Microbial Secondary Metabolites by Fungal Bacterial Co-cultivation. <i>Frontiers in Microbiology</i> , 2017, 8, 1284.	1.5	129
13	Chemical Defense of Mediterranean Sponges <i>Aplysina cavernicola</i> and <i>Aplysina aerophoba</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 113-122.	0.6	118
14	Kahalalide Derivatives from the Indian Sacoglossan Mollusk <i>Elysiagrandidifolia</i> . <i>Journal of Natural Products</i> , 2006, 69, 1547-1553.	1.5	117
15	Wound Activation of Protoxins in Marine Sponge <i>Aplysina aerophoba</i> . <i>Journal of Chemical Ecology</i> , 1997, 23, 1451-1462.	0.9	104
16	Induction of diverse secondary metabolites in <i>Aspergillus fumigatus</i> by microbial co-culture. <i>RSC Advances</i> , 2013, 3, 14444.	1.7	104
17	Activated Chemical Defense in <i>Aplysina</i> Sponges Revisited. <i>Journal of Chemical Ecology</i> , 2006, 32, 97-123.	0.9	94
18	Drugs from the Sea - Opportunities and Obstacles. <i>Marine Drugs</i> , 2003, 1, 5-17.	2.2	87

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19	Terpenes from Marine-Derived Fungi. <i>Marine Drugs</i> , 2010, 8, 2340-2368.	2.2	87
20	Callyaerins A-F and H, new cytotoxic cyclic peptides from the Indonesian marine sponge <i>Callyspongia aerizusa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4947-4956.	1.4	82
21	Antifouling Activity of Bromotyrosine-Derived Sponge Metabolites and Synthetic Analogues. <i>Marine Biotechnology</i> , 2007, 9, 776-785.	1.1	77
22	Drimane Sesquiterpenoids from the Fungus <i>Aspergillus ustus</i> Isolated from the Marine Sponge <i>Suberites domuncula</i> . <i>Journal of Natural Products</i> , 2009, 72, 1585-1588.	1.5	76
23	Defense metabolites from the marine sponge <i>Verongia aerophoba</i> . <i>Biochemical Systematics and Ecology</i> , 1996, 24, 1-12.	0.6	72
24	Sponge-associated fungi and their bioactive compounds: the <i>Suberites</i> case. <i>Botanica Marina</i> , 2008, 51, 209-218.	0.6	71
25	Pullularins E and F, Two New Peptides from the Endophytic Fungus <i>Bionectria ochroleuca</i> Isolated from the Mangrove Plant <i>Sonneratia caseolaris</i> . <i>Marine Drugs</i> , 2012, 10, 1081-1091.	2.2	68
26	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015, 93, 285-293.	2.0	54
27	Isolation, characterization, and bioactivity of endophytic fungi of <i>Tylophora indica</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 571-577.	1.7	53
28	Discovery of a Single Monooxygenase that Catalyzes Carbamate Formation and Ring Contraction in the Biosynthesis of the Legonmycins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12697-12701.	7.2	46
29	Hortein, a New Natural Product from the Fungus <i>Hortaea werneckii</i> Associated with the Sponge <i>Aplysina aerophoba</i> . <i>Journal of Natural Products</i> , 2001, 64, 651-652.	1.5	43
30	Solamargine production by a fungal endophyte of <i>Solanum nigrum</i> . <i>Journal of Applied Microbiology</i> , 2016, 120, 900-911.	1.4	42
31	Ophiobolin Sesterterpenoids and Pyrrolidine Alkaloids from the Sponge-Derived Fungus <i>Aspergillus ustus</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 623-631.	1.0	41
32	Biosynthesis of Neocarazostatin A Reveals the Sequential Carbazole Prenylation and Hydroxylation in the Tailoring Steps. <i>Chemistry and Biology</i> , 2015, 22, 1633-1642.	6.2	39
33	Diacarperoxides, Norterpene Cyclic Peroxides from the Sponge <i>Diacarnus megaspinorhabdosa</i> . <i>Journal of Natural Products</i> , 2008, 71, 1358-1364.	1.5	37
34	Bioactive Natural Products from Marine Invertebrates and Associated Fungi. <i>Progress in Molecular and Subcellular Biology</i> , 2003, 37, 117-142.	0.9	36
35	Spongionella Secondary Metabolites Protect Mitochondrial Function in Cortical Neurons against Oxidative Stress. <i>Marine Drugs</i> , 2014, 12, 700-718.	2.2	36
36	Asenjonamides C, antibacterial metabolites isolated from <i>Streptomyces asenjonii</i> strain KNN 42.f from an extreme-hyper arid Atacama Desert soil. <i>Journal of Antibiotics</i> , 2018, 71, 425-431.	1.0	36

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37	Zebrafish-Based Discovery of Antiseizure Compounds from the Red Sea: Pseurotin A ₂ and Azaspirofurans. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1652-1662.	1.7	35
38	Antimicrobial and Antibiofilm Activities of the Fungal Metabolites Isolated from the Marine Endophytes <i>Epicoccum nigrum</i> M13 and <i>Alternaria alternata</i> 13A. <i>Marine Drugs</i> , 2021, 19, 232.	2.2	35
39	Does Osmotic Stress Affect Natural Product Expression in Fungi?. <i>Marine Drugs</i> , 2017, 15, 254.	2.2	34
40	Isolation and anti-HIV-1 integrase activity of lentzeosides A-F from extremotolerant <i>lentzea</i> sp. H45, a strain isolated from a high-altitude Atacama Desert soil. <i>Journal of Antibiotics</i> , 2017, 70, 448-453.	1.0	31
41	Accramycin A, a New Aromatic Polyketide, from the Soil Bacterium, <i>Streptomyces</i> sp. MA37. <i>Molecules</i> , 2019, 24, 3384.	1.7	31
42	A Co-Culturing Approach Enables Discovery and Biosynthesis of a Bioactive Indole Alkaloid Metabolite. <i>Molecules</i> , 2020, 25, 256.	1.7	31
43	New methoxylated aryltetrahydronaphthalene lignans and a norlignan from <i>Aglaia cordata</i> . <i>Tetrahedron Letters</i> , 2002, 43, 5783-5787.	0.7	30
44	The <i>Streptomyces</i> metabolite anhydroexfoliamycin ameliorates hallmarks of Alzheimer's disease in vitro and in vivo. <i>Neuroscience</i> , 2015, 305, 26-35.	1.1	28
45	Targeted Dereplication of Microbial Natural Products by High-Resolution MS and Predicted LC Retention Time. <i>Journal of Natural Products</i> , 2017, 80, 1370-1377.	1.5	27
46	Organ-specific distribution of dietary alkaloids in the marine opisthobranch <i>Tylodina perversa</i> . <i>Biochemical Systematics and Ecology</i> , 1999, 27, 769-777.	0.6	25
47	Discovery and Biosynthetic Investigation of a New Antibacterial Dehydrated Non-Ribosomal Tripeptide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3229-3237.	7.2	25
48	<i>Hymenoscyphus pseudoalbidus</i> and <i>Hymenoscyphus albidus</i> : viridiol concentration and virulence do not correlate. <i>Forest Pathology</i> , 2014, 44, 39-44.	0.5	23
49	LC-HRMS-Database Screening Metrics for Rapid Prioritization of Samples to Accelerate the Discovery of Structurally New Natural Products. <i>Journal of Natural Products</i> , 2019, 82, 211-220.	1.5	22
50	Sequestration of Dietary Alkaloids by the Spongivorous Marine Mollusc <i>Tylodina perversa</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 426-432.	0.6	20
51	Heterologous Expression of a Cryptic Gene Cluster from <i>Streptomyces leeuwenhoekii</i> C34 ^T Yields a Novel Lasso Peptide, LEEPPTIN. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	20
52	Dibenzofurans from the marine sponge-derived ascomycete Super1F1-09. <i>Botanica Marina</i> , 2010, 53, .	0.6	19
53	Screening Fungal Endophytes Derived from Under-Explored Egyptian Marine Habitats for Antimicrobial and Antioxidant Properties in Fractionalised Textiles. <i>Microorganisms</i> , 2020, 8, 1617.	1.6	19
54	Identification of <i>Spongionella</i> compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016, 107, 407-414.	3.1	15

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55	Signalling and Bioactive Metabolites from <i>Streptomyces</i> sp. RK44. <i>Molecules</i> , 2020, 25, 460.	1.7	15
56	Downsizing Class II Lasso Peptides: Genome Mining-Guided Isolation of Huascopeptin Containing the First Gly1-Asp7 Macrocycle. <i>Journal of Organic Chemistry</i> , 2020, 85, 1661-1667.	1.7	14
57	Antimicrobial activities of marine fungi from Malaysia. <i>Botanica Marina</i> , 2010, 53, .	0.6	12
58	20 Natural products from marine-derived fungi. , 2012, , 411-440.		11
59	<i>Spongionella</i> Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. <i>Frontiers in Immunology</i> , 2016, 7, 452.	2.2	11
60	Endophytic Fungi for Pest and Disease Management. , 2008, , 365-387.		10
61	Natural Product Diversity from Marine Fungi. , 2010, , 223-262.		9
62	Morphological, genotypic and metabolomic signatures confirm interfamilial hybridization between the ubiquitous kelps <i>Macrocystis</i> (<i>Arthrothamnaceae</i>) and <i>Lessonia</i> (<i>Lessoniaceae</i>). <i>Scientific Reports</i> , 2020, 10, 8279.	1.6	9
63	Assessment of Arabian Gulf Seaweeds from Kuwait as Sources of Nutritionally Important Polyunsaturated Fatty Acids (PUFAs). <i>Foods</i> , 2021, 10, 2442.	1.9	9
64	Inhibition of the Quorum Sensing System, Elastase Production and Biofilm Formation in <i>Pseudomonas aeruginosa</i> by Psammoplin A and Bisaprasin. <i>Molecules</i> , 2022, 27, 1721.	1.7	9
65	Sequestration and Possible Role of Dietary Alkaloids in the Sponge-Feeding Mollusk <i>Tylodina perversa</i> . <i>Progress in Molecular and Subcellular Biology</i> , 2006, 43, 261-275.	0.9	8
66	A New Tetrahydrofuran Derivative from the Endophytic Fungus <i>Chaetomium</i> sp. Isolated from <i>Otanthus maritimus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 350-354.	0.6	6
67	Discovery and Biosynthetic Investigation of a New Antibacterial Dehydrated Non-ribosomal Tripeptide. <i>Angewandte Chemie</i> , 2021, 133, 3266-3274.	1.6	5
68	Major Constituents of the Predominant Endophytic Fungi from the Nigerian Plants <i>Bryophyllum Pinnatum</i> , <i>Morinda Lucida</i> and <i>Jathropa Gossypifolia</i> . <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	3
69	Decorosides A and B, Cytotoxic Flavonoid Glycosides from the Leaves of <i>Rhododendron decorum</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	3
70	Cutting the Gordian knot: early and complete amino acid sequence confirmation of class II lasso peptides by HCD fragmentation. <i>Journal of Antibiotics</i> , 2020, 73, 772-779.	1.0	3
71	Isolation and characterization of new phenolic siderophores with antimicrobial properties from <i>Pseudomonas</i> sp. UIAU-6B. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2390-2398.	1.3	3
72	New Purine Derivatives from the Marine Sponge <i>Petrosia nigricans</i> . <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	2

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73	Lecythomycin, a New Macrolactone Glycoside from the Endophytic Fungus <i>Lecythophora</i> sp. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	2
74	New Rocaglamide Derivatives from Vietnamese <i>Aglaia</i> species. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	2
75	Heavy Metals, Proximate Analysis and Brine Shrimp Lethality of <i>Vernonia amygdalina</i> and <i>Ocimum gratissimum</i> Growing in Crude Oil-Rich Delta State, Nigeria. <i>Foods</i> , 2021, 10, 2913.	1.9	2
76	Fosbergenone: 3-[2-(1,2,5,5-Tetramethyl-7-oxo-1,2,3,4,4a,5,6,7-octahydronaphthalen-1-yl)ethyl]-2,5-dihydrofuran-2-one. MolBank, 2022, 2022, M1391.	0.2	1
77	Rücktitelbild: Discovery of a Single Monooxygenase that Catalyzes Carbamate Formation and Ring Contraction in the Biosynthesis of the Legonmycins (<i>Angew. Chem.</i> 43/2015). <i>Angewandte Chemie</i> , 2015, 127, 13016-13016.	1.6	0
78	Stereochemical assignment of three new benzylisoquinoline alkaloids from <i>Phaeanthus vietnamensis</i> by NMR study combined with CD spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1160-1164.	1.1	0
79	Targeted Dereplication of Microbial Natural Products by High-Resolution MS and Predicted LC-Retention Time. <i>Planta Medica International Open</i> , 2017, 4, .	0.3	0