Gerald F Bills

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8307438/publications.pdf

Version: 2024-02-01

189 papers	8,071 citations	47006 47 h-index	69250 77 g-index
199 all docs	199 docs citations	199 times ranked	7678 citing authors

#	Article	IF	Citations
1	Antimicrobial activity of phenolic acids against commensal, probiotic and pathogenic bacteria. Research in Microbiology, 2010, 161, 372-382.	2.1	389
2	Discovery of Novel Antifungal (1,3)-Î²- <scp>d</scp> -Glucan Synthase Inhibitors. Antimicrobial Agents and Chemotherapy, 2000, 44, 368-377.	3.2	282
3	Biologically Active Secondary Metabolites from the Fungi. Microbiology Spectrum, 2016, 4, .	3.0	219
4	Abundance and diversity of microfungi in leaf litter of a lowland rain forest in Costa Rica. Mycologia, 1994, 86, 187-198.	1.9	180
5	The Discovery of Australifungin, a Novel Inhibitor of Sphinganine N-Acyltransferase from Sporormiella australis. Producing Organism, Fermentation, Isolation, and Biological Activity.. Journal of Antibiotics, 1995, 48, 349-356.	2.0	161
6	Discovery, Biosynthesis, and Mechanism of Action of the Zaragozic Acids: Potent Inhibitors of Squalene Synthase. Annual Review of Microbiology, 1995, 49, 607-639.	7.3	139
7	Structure and Chemistry of Apicidins, a Class of Novel Cyclic Tetrapeptides without a Terminal Î±-Keto Epoxide as Inhibitors of Histone Deacetylase with Potent Antiprotozoal Activities. Journal of Organic Chemistry, 2002, 67, 815-825.	3.2	135
8	101 Dothideomycetes genomes: A test case for predicting lifestyles and emergence of pathogens. Studies in Mycology, 2020, 96, 141-153.	7.2	135
9	Confronting the Challenges of Natural Product-Based Antifungal Discovery. Chemistry and Biology, 2011, 18, 148-164.	6.0	128
10	The Discovery of Enfumafungin, a Novel Antifungal Compound Produced by an Endophytic Hormonema Species Biological Activity and Taxonomy of the Producing Organisms. Systematic and Applied Microbiology, 2000, 23, 333-343.	2.8	127
11	Non-systemic fungal endophytes of grasses. Fungal Ecology, 2012, 5, 289-297.	1.6	124
12	Microfungi from Carpinus caroliniana. Canadian Journal of Botany, 1991, 69, 1477-1482.	1.1	122
13	Sphingofungins F and F: Novel serinepalmitoyl transferase inhibitors from Paecilomyces variotii.. Journal of Antibiotics, 1992, 45, 1692-1696.	2.0	122
14	Endophytic mycobiota of leaves and roots of the grass Holcus lanatus. Fungal Diversity, 2010, 41, 115-123.	12.3	119
15	â€˜Marine fungiâ€™ and â€˜marine-derived fungiâ€™ in natural product chemistry research: Toward a new consensual definition. Fungal Biology Reviews, 2016, 30, 163-175.	4.7	115
16	Pneumocandins from Zalerion arboricola. I. Discovery and isolation.. Journal of Antibiotics, 1992, 45, 1853-1866.	2.0	110
17	Isolation and characterization of melanized fungi from limestone formations in Mallorca. Mycological Progress, 2005, 4, 23-38.	1.4	107
18	High-throughput culturing of fungi from plant litter by a dilution-to-extinction technique. FEMS Microbiology Ecology, 2007, 60, 521-533.	2.7	107

#	Article	IF	Citations
19	Enhancement of antibiotic and secondary metabolite detection from filamentous fungi by growth on nutritional arrays. Journal of Applied Microbiology, 2008, 104, 1644-1658.	3.1	107
20	Abundance and Diversity of Microfungi in Leaf Litter of a Lowland Rain Forest in Costa Rica. Mycologia, 1994, 86, 187.	1.9	99
21	Oteromycin: A Novel Antagonist of Endothelin Receptor. Journal of Organic Chemistry, 1995, 60, 7040-7042.	3.2	99
22	Isolation and structure of chaetomellic acids A and B from Chaetomella acutiseta: farnesyl pyrophosphate mimic inhibitors of ras farnesyl-protein transferase. Tetrahedron, 1993, 49, 5917-5926.	1.9	97
23	Hypoxylon pulicicidum sp. nov. (Ascomycota, Xylariales), a Pantropical Insecticide-Producing Endophyte. PLoS ONE, 2012, 7, e46687.	2.5	97
24	Preussomerins and Deoxypreussomerins: Novel Inhibitors of Ras Farnesyl-Protein Transferase. Journal of Organic Chemistry, 1994, 59, 6296-6302.	3.2	89
25	High diversity and morphological convergence among melanised fungi from rock formations in the Central Mountain System of Spain. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2008, 21, 93-110.	4.4	88
26	Reclassification of a pneumocandin-producing anamorph, Glarea lozoyensis gen. et sp. nov., previously identified as Zalerion arboricola. Mycological Research, 1999, 103, 179-192.	2.5	87
27	Genomics-driven discovery of the pneumocandin biosynthetic gene cluster in the fungus Glarea lozoyensis. BMC Genomics, 2013, 14, 339.	2.8	83
28	Isolation and Structure of Antagonists of Chemokine Receptor (CCR5). Journal of Natural Products, 2004, 67, 1036-1038.	3.0	80
29	Pramanicin, a novel antimicrobial agent from a fungal fermentation. Tetrahedron, 1994, 50, 1675-1686.	1.9	79
30	PAP Inhibitor with In Vivo Efficacy Identified by Candida albicans Genetic Profiling of Natural Products. Chemistry and Biology, 2008, 15, 363-374.	6.0	76
31	Isolation and Structure Elucidation of Parnafungins, Antifungal Natural Products that Inhibit mRNA Polyadenylation. Journal of the American Chemical Society, 2008, 130, 7060-7066.	13.7	76
32	New insights into the echinocandins and other fungal non-ribosomal peptides and peptaibiotics. Natural Product Reports, 2014, 31, 1348-1375.	10.3	67
33	MDN-0104, an Antiplasmodial Betaine Lipid from Heterospora chenopodii. Journal of Natural Products, 2014, 77, 2118-2123.	3.0	66
34	Coprophilous fungi: antibiotic discovery and functions in an underexplored arena of microbial defensive mutualism. Current Opinion in Microbiology, 2013, 16, 549-565.	5.1	65
35	An assessment of natural product discovery from marine (sensu strictu) and marine-derived fungi. Mycology, 2014, 5, 145-167.	4.4	65
36	Methods for Research on Soilborne Phytopathogenic Fungi. Mycologia, 1993, 85, 140.	1.9	64

#	Article	IF	Citations
37	SAPROBIC SOIL FUNGI. , 2004, , 271-302.		63
38	Isolation and structure determination of pycnidione, A novel bistropolone stromelysin inhibitor from a Phoma sp.. Tetrahedron, 1993, 49, 2139-2144.	1.9	60
39	The isolation and structure elucidation of zaragozic acid C, a novel potent squalene synthase inhibitor.. Tetrahedron, 1992, 48, 10221-10226.	1.9	59
40	Isolation and structure elucidation of viridiofungins A, B and C. Tetrahedron Letters, 1993, 34, 5235-5238.	1.4	56
41	Novel Sesquiterpenoids from the Fermentation ofXylariapersicariaAre Selective Ligands for the NPY Y5 Receptor. Journal of Organic Chemistry, 2002, 67, 5001-5004.	3.2	56
42	Molecular phylogenetic studies on the Diatrypaceae based on rDNA-ITS sequences. Mycologia, 2004, 96, 249-259.	1.9	56
43	Phylogenetic Study of Hypoxylon and Related Genera Based on Ribosomal ITS Sequences. Mycologia, 2000, 92, 964.	1.9	53
44	Distribution of the antifungal agents sordarins across filamentous fungi. Mycological Research, 2009, 113, 754-770.	2.5	53
45	Longimicrobium terrae gen. nov., sp. nov., an oligotrophic bacterium of the under-represented phylum Gemmatimonadetes isolated through a system of miniaturized diffusion chambers. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1976-1985.	1.7	53
46	Discovery of the parnafungins, antifungal metabolites that inhibit mRNA polyadenylation, from theFusarium larvarumcomplex and other Hypocrealean fungi. Mycologia, 2009, 101, 449-472.	1.9	51
47	L-696,474, a novel cytochalasin as an inhibitor of HIV-1 protease. III. Biological activity.. Journal of Antibiotics, 1992, 45, 686-691.	2.0	50
48	L-687, 781, a new member of the papulacandin family of .BETA.-1,3-d-glucan synthesis inhibitors. I. Fermentation, isolation, and biological activity.. Journal of Antibiotics, 1991, 44, 45-51.	2.0	49
49	Structure and conformation of ophiobolin K and 6- epiophiobolin K from Aspergillus ustus as a nematocidal agent.. Tetrahedron, 1991, 47, 6931-6938.	1.9	48
50	L-696,474, a novel cytochalasin as an inhibitor of HIV-1 protease. II. Isolation and structure.. Journal of Antibiotics, 1992, 45, 679-685.	2.0	47
51	Chaetomella acutiseta produces chaetomellic acids A and B which are reversible inhibitors of farnesyl-protien transferase. Applied Microbiology and Biotechnology, 1993, 40, 370-4.	3.6	47
52	Isolation, Structure Elucidation, and Biological Activity of Virgineone from Lachnum virgineum Using the Genome-Wide Candida albicans Fitness Test. Journal of Natural Products, 2009, 72, 136-141.	3.0	47
53	Assessing Bacterial Diversity in the Rhizosphere of Thymus zygis Growing in the Sierra Nevada National Park (Spain) through Culture-Dependent and Independent Approaches. PLoS ONE, 2016, 11, e0146558.	2.5	47
54	Tremorgenic mycotoxins, paspalitrem A and C, from a tropical Phomopsis. Mycological Research, 1992, 96, 977-983.	2.5	46

#	Article	IF	Citations
55	Barceloneic Acid A, a New Farnesyl-Protein Transferase Inhibitor from a Phoma Species. Journal of Natural Products, 1995, 58, 986-991.	3.0	45
56	Discovery of novel secondary metabolites from fungiâ€"is it really a random walk through a random forest?. Canadian Journal of Botany, 1995, 73, 925-931.	1.1	45
57	Antisense-Guided Isolation and Structure Elucidation of Pannomycin, a Substituted cis-Decalin from Geomyces pannorum. Journal of Natural Products, 2009, 72, 59-62.	3.0	44
58	Conspecificity of the cerulenin and helvolic acid producing â€˜Cephalosporium caerulensâ€™, and the hypocrealean fungus Sarocladium oryzae. Mycological Research, 2004, 108, 1291-1300.	2.5	43
59	Fusidienol: A novel inhibitor of Ras farnesyl-protein transferase from Fusidium griseum. Tetrahedron Letters, 1994, 35, 4693-4696.	1.4	42
60	Cyclic Colisporifungin and Linear Cavinafungins, Antifungal Lipopeptides Isolated fromColispora cavincola. Journal of Natural Products, 2015, 78, 468-475.	3.0	42
61	Four novel bis-(naphtho-Î³-pyrones) isolated from Fusarium species as inhibitors of HIV-1 integrase. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 713-717.	2.2	41
62	Isolation, structure and biological activity of phomafungin, a cyclic lipodepsipeptide from a widespread tropical Phoma sp.. Bioorganic and Medicinal Chemistry, 2009, 17, 1361-1369.	3.0	40
63	Evolution of Chemical Diversity in Echinocandin Lipopeptide Antifungal Metabolites. Eukaryotic Cell, 2015, 14, 698-718.	3.4	40
64	Chemistry and Biology of Cylindrols:Â Novel Inhibitors of Ras Farnesyl-Protein Transferase fromCylindrocarpon lucidum. Journal of Organic Chemistry, 1996, 61, 7727-7737.	3.2	39
65	Engineering of Glarea lozoyensis for Exclusive Production of the Pneumocandin B ₀ Precursor of the Antifungal Drug Caspofungin Acetate. Applied and Environmental Microbiology, 2015, 81, 1550-1558.	3.1	39
66	Distribution of zaragozic acids (squalestatins) among filamentous ascomycetes. Mycological Research, 1994, 98, 733-739.	2.5	38
67	Coniothyrione, a Chlorocyclopentandienylbenzopyrone as a Bacterial Protein Synthesis Inhibitor Discovered by Antisense Technology. Journal of Natural Products, 2007, 70, 668-670.	3.0	38
68	Isolation, Structure, and Biological Activities of Fellutamides C and D from an UndescribedMetulocladosporiella(Chaetothyriales) Using the Genome-WideCandida albicansFitness Test. Journal of Natural Products, 2011, 74, 1721-1730.	3.0	37
69	Pseudomonas soli sp. nov., a novel producer of xantholysin congeners. Systematic and Applied Microbiology, 2014, 37, 412-416.	2.8	37
70	Identification of the Lipodepsipeptide MDN-0066, a Novel Inhibitor of VHL/HIF Pathway Produced by a New Pseudomonas Species. PLoS ONE, 2015, 10, e0125221.	2.5	37
71	Draft genome sequence of Annulohypoxylon stygium, Aspergillus mulundensis, Berkeleyomyces basicola (syn. Thielaviopsis basicola), Ceratocystis smalleyi, two Cercospora beticola strains, Coleophoma cylindrospora, Fusarium fracticaudum, Phialophora cf. hyalina, and Morchella septimelata. IMA Fungus, 2018, 9, 199-223.	3.8	37
72	L-696,474, a novel cytochalasin as an inhibitor of HIV-1 protease. I. The producing organism and its fermentation.. Journal of Antibiotics, 1992, 45, 671-678.	2.0	35

#	Article	IF	Citations
73	Discovery of structurally diverse natural product antagonists of chemokine receptor CXCR3. Molecular Diversity, 2005, 9, 123-129.	3.9	35
74	Degradation of biogenic amines by vineyard ecosystem fungi. Potential use in winemaking. Journal of Applied Microbiology, 2012, 112, 672-682.	3.1	35
75	Arundifungin, a novel antifungal compound produced by fungi: biological activity and taxonomy of the producing organisms. International Microbiology, 2001, 4, 93-102.	2.4	34
76	Candelalides Aâ^'C:â€‰ Novel Diterpenoid Pyrones from Fermentations ofSesquicilliumcandelabrumas Blockers of the Voltage-Gated Potassium Channel Kv1.3. Organic Letters, 2001, 3, 247-250.	4.6	34
77	Estimating polyketide metabolic potential among nonsporulating fungal endophytes of Vaccinium macrocarpon. Mycological Research, 2002, 106, 460-470.	2.5	34
78	Does Osmotic Stress Affect Natural Product Expression in Fungi?. Marine Drugs, 2017, 15, 254.	4.6	34
79	Restricticin, a novel glycine-containing antifungal agent.. Journal of Antibiotics, 1991, 44, 463-471.	2.0	33
80	Discovery and antibacterial activity of glabramycin Aâ€“C from Neosartorya glabra by an antisense strategy. Journal of Antibiotics, 2009, 62, 265-269.	2.0	33
81	Fungal species diversity in juvenile and adult leaves of Eucalyptus globulus from plantations affected by Mycosphaerella leaf disease. Annals of Applied Biology, 2011, 158, 177-187.	2.5	33
82	A NOVEL INOSITOL MONO-PHOSPHATASE INHIBITOR FROM Memnoniella echinata. Journal of Antibiotics, 1992, 45, 1397-1402.	2.0	32
83	Identification of Diverse Microbial Metabolites as Potent Inhibitors of HIV-1 Tat Transactivation. Chemistry and Biodiversity, 2005, 2, 112-122.	2.1	32
84	Are endophytes an important link between airborne spores and allergen exposure?. Fungal Diversity, 2013, 60, 33-42.	12.3	32
85	Genetic Manipulation of the Pneumocandin Biosynthetic Pathway for Generation of Analogues and Evaluation of Their Antifungal Activity. ACS Chemical Biology, 2015, 10, 1702-1710.	3.4	32
86	A carotane sesquiterpene as a potent modulator of the Maxi-K channel from Arthrinium phaesospermum. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 733-734.	2.2	30
87	The discovery of moriniafungin, a novel sordarin derivative produced by Morinia pestalozzioides. Bioorganic and Medicinal Chemistry, 2006, 14, 560-566.	3.0	30
88	GenusHamigera, six new species and multilocus DNA sequence based phylogeny. Mycologia, 2010, 102, 847-864.	1.9	30
89	L-735,334, a Novel Sesquiterpenoid Potassium Channel-Agonist from Trichoderma virens. Journal of Natural Products, 1995, 58, 1822-1828.	3.0	29
90	Hyperdermium: a new clavicipitalean genus for some tropical epibionts of dicotyledonous plants. Mycologia, 2000, 92, 908-918.	1.9	29

#	Article	IF	Citations
91	Discovery, structure and HIV-1 integrase inhibitory activities of integracins, novel dimeric alkyl aromatics from Cytonaema sp.. Tetrahedron Letters, 2002, 43, 1617-1620.	1.4	29
92	Chemical and Physical Modulation of Antibiotic Activity in Emericella Species. Chemistry and Biodiversity, 2012, 9, 1095-1113.	2.1	29
93	Isolation and Structural Elucidation of Cyclic Tetrapeptides from Onychocola sclerotica. Journal of Natural Products, 2012, 75, 1210-1214.	3.0	28
94	Pseudomonas granadensis sp. nov., a new bacterial species isolated from the Tejeda, Almijara and Alhama Natural Park, Granada, Spain. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 625-632.	1.7	28
95	Isolation, Structure, and Antibacterial Activity of Phaeosphenone from a Phaeosphaeria sp. Discovered by Antisense Strategy. Journal of Natural Products, 2008, 71, 1304-1307.	3.0	27
96	Anthelmintic constituents of Clonostachys candelabrum. Journal of Antibiotics, 2010, 63, 119-122.	2.0	27
97	Analyses of microfungal diversity from a user's perspective. Canadian Journal of Botany, 1995, 73, 33-41.	1.1	26
98	Cylindrol A: A Novel Inhibitor of Ras Farnesyl-Protein Transferase from Cylindrocarpon lucidum. Tetrahedron Letters, 1995, 36, 4935-4938.	1.4	26
99	Production of a Family of Kinase-inhibiting Lactones from Fungal.. Journal of Antibiotics, 1999, 52, 1077-1085.	2.0	26
100	Isolation and Structures of Novel Fungal Metabolites as Chemokine Receptor (CCR2) Antagonists. Journal of Antibiotics, 2005, 58, 686-694.	2.0	26
101	Engineering of New Pneumocandin Side-Chain Analogues from Glarea lozoyensis by Mutasynthesis and Evaluation of Their Antifungal Activity. ACS Chemical Biology, 2016, 11, 2724-2733.	3.4	26
102	New fungal metabolites as potential antihypercholesterolemics and anticancer agents. Canadian Journal of Botany, 1995, 73, 898-906.	1.1	25
103	Chaunopycnis pustulata sp. nov., a new clavicipitalean anamorph producing metabolites that modulate potassium ion channels. Mycological Progress, 2002, 1, 3-17.	1.4	25
104	Isolation, Structure, Absolute Stereochemistry, and HIV-1 Integrase Inhibitory Activity of Integrasone, a Novel Fungal Polyketide. Journal of Natural Products, 2004, 67, 872-874.	3.0	25
105	Avellanin C, an inhibitor of quorum-sensing signaling in Staphylococcus aureus, from Hamigera ingelheimensis. Journal of Antibiotics, 2015, 68, 707-710.	2.0	25
106	Biologically Active Secondary Metabolites from the Fungi. , 0, , 1087-1119.		25
107	Features and Phylogenetic Status of an Enigmatic Clavicipitalean Fungus Neoclaviceps monostipa gen. et sp. nov.. Mycologia, 2001, 93, 90.	1.9	24
108	Molecular Phylogenetic Studies on the Diatrypaceae Based on rDNA-ITS Sequences. Mycologia, 2004, 96, 249.	1.9	24

#	Article	IF	Citations
109	Emestrins: Anti-Cryptococcus Epipolythiodioxopiperazines from Podospora australis. Journal of Natural Products, 2016, 79, 2357-2363.	3.0	24
110	Kabatiella bupleuri sp. nov. (Dothideales), a pleomorphic epiphyte and endophyte of the Mediterranean plant Bupleurum gibraltarium (Apiaceae). Mycologia, 2012, 104, 962-973.	1.9	23
111	Isolation, Structure, and Biological Activity of Phaeofungin, a Cyclic Lipodepsipeptide from a Phaeosphaeria sp. Using the Genome-Wide Candida albicans Fitness Test. Journal of Natural Products, 2013, 76, 334-345.	3.0	23
112	Characterization of Thermolide Biosynthetic Genes and a New Thermolide from Sister Thermophilic Fungi. Organic Letters, 2014, 16, 3744-3747.	4.6	23
113	Aspergillus mulundensis sp. nov., a new species for the fungus producing the antifungal echinocandin lipopeptides, mulundocandins. Journal of Antibiotics, 2016, 69, 141-148.	2.0	23
114	Hyperdermium: A New Clavicipitalean Genus for Some Tropical Epibionts of Dicotyledonous Plants. Mycologia, 2000, 92, 908.	1.9	22
115	Graminin B, a furanone from the fungus Paraconiothyrium sp.. Journal of Antibiotics, 2014, 67, 421-423.	2.0	22
116	Oreganic acid: a potent novel inhibitor of ras farnesyl-protein transferase from an endophytic fungus. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2081-2084.	2.2	21
117	Isolation, Structure Elucidation, and Antibacterial Activity of Methiosetin, a Tetramic Acid from a Tropical Sooty Mold (Capnodium sp.). Journal of Natural Products, 2012, 75, 420-424.	3.0	21
118	Noreupenifeldin, a Tropolone from an Unidentified Ascomycete. Journal of Natural Products, 2008, 71, 457-459.	3.0	20
119	Species-level assessment of secondary metabolite diversity amongHamigeraspecies and a taxonomic note on the genus. Mycology, 2014, 5, 102-109.	4.4	20
120	Anti-Cryptococcus Phenalenones and Cyclic Tetrapeptides from Auxarthron pseudauxarthron. Journal of Natural Products, 2017, 80, 2101-2109.	3.0	20
121	Discovery of an Angiotensin II Binding Inhibitor from a Cytospora sp. Using Semi-automated Screening Procedures.. Journal of Antibiotics, 1996, 49, 119-123.	2.0	19
122	Phylogeny and intercontinental distribution of the pneumocandin-producing anamorphic fungusGlarea lozoyensis. Mycology, 2011, 2, 1-17.	4.4	19
123	Assessing the effects of adsorptive polymeric resin additions on fungal secondary metabolite chemical diversity. Mycology, 2014, 5, 179-191.	4.4	19
124	Isolation, structure elucidation and antibacterial activity of a new tetramic acid, ascosetin. Journal of Antibiotics, 2014, 67, 527-531.	2.0	19
125	Phylogenetic and Chemotaxonomic Studies Confirm the Affinities of Stromatoneurospora phoenix to the Coprophilous Xylariaceae. Journal of Fungi (Basel, Switzerland), 2020, 6, 144.	3.5	19
126	Features and phylogenetic status of an enigmatic clavicipitalean fungusNeoclaviceps monostipa gen. et sp. nov.. Mycologia, 2001, 93, 90-99.	1.9	18

#	Article	IF	Citations
127	Genomicsâ€driven discovery of a novel selfâ€resistance mechanism in the echinocandinâ€producing fungus Pezicula radicicola. Environmental Microbiology, 2018, 20, 3154-3167.	3.8	18
128	Enfumafungin synthase represents a novel lineage of fungal triterpene cyclases. Environmental Microbiology, 2018, 20, 3325-3342.	3.8	18
129	Observations on Texas hypoxylons, including two new Hypoxylon species and widespread environmental isolates of the H. croceum complex identified by a polyphasic approach. Mycologia, 2019, 111, 832-856.	1.9	18
130	Targeted Genome Mining Reveals the Biosynthetic Gene Clusters of Natural Product CYP51 Inhibitors. Journal of the American Chemical Society, 2021, 143, 6043-6047.	13.7	18
131	Coelomycin, a highly substituted 2,6-dioxo-pyrazine fungal metabolite antibacterial agent discovered by Staphylococcus aureus fitness test profiling. Journal of Antibiotics, 2010, 63, 512-518.	2.0	17
132	Lasionectrin, a Naphthopyrone from aLasionectriasp.. Journal of Natural Products, 2012, 75, 1228-1230.	3.0	17
133	Hypocoprins Aâ€“C: New Sesquiterpenoids from the Coprophilous Fungus Hypocopra rostrata. Journal of Natural Products, 2015, 78, 396-401.	3.0	17
134	The â€œFERMEXâ€•Method for Metabolite-Enriched Fungal Extracts. , 2012, 944, 79-96.		16
135	Oreganic Acid, a Potent Inhibitor of Ras Farnesyl-Protein Transferase. Biochemical and Biophysical Research Communications, 1997, 232, 478-481.	2.1	15
136	Biodiversity of Tropical Microfungi. Mycologia, 1998, 90, 933.	1.9	15
137	Functional Operons in Secondary Metabolic Gene Clusters in Glarea lozoyensis (Fungi,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.1	15
138	Identification of cyclosporin C from Amphichorda felina using a Cryptococcus neoformans differential temperature sensitivity assay. Applied Microbiology and Biotechnology, 2018, 102, 2337-2350.	3.6	15
139	Antibiosis of vineyard ecosystem fungi against food-borne microorganisms. Research in Microbiology, 2011, 162, 1043-1051.	2.1	14
140	Unveiling Concealed Functions of Endosymbiotic Bacteria Harbored in the Ascomycete Stachylidium bicolor. Applied and Environmental Microbiology, 2018, 84, .	3.1	14
141	Apc.LaeA and Apc.VeA of the velvet complex govern secondary metabolism and morphological development in the echinocandin-producing fungusAspergillus pachycristatus. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 155-168.	3.0	14
142	Comparison of spatial patterns of sexual and vegetative states of Boletinellus merulioides. Transactions of the British Mycological Society, 1985, 85, 520-524.	0.6	13
143	Isolation, Structure, and Coccidiostat Activity of Coccidiostatin A. Journal of Natural Products, 2007, 70, 1364-1367.	3.0	13
144	Southern Appalachian Russulas. I. Mycologia, 1984, 76, 975.	1.9	12

#	Article	IF	Citations
145	Prescreening bacterial colonies for bioactive molecules with Janus plates, a SBS standard double-faced microbial culturing system. Antonie Van Leeuwenhoek, 2012, 102, 361-374.	1.7	12
146	Molecular phylogenetic studies on the Diatrypaceae based on rDNA-ITS sequences. Mycologia, 2004, 96, 249-59.	1.9	12
147	Sonomolides A and B, new broad spectrum antifungal agents isolated from a coprophilous fungus. Tetrahedron Letters, 1995, 36, 9101-9104.	1.4	11
148	Hyalodendrosides A and B, Antifungal Triterpenoid Glycosides from a Lignicolous Hyphomycete,HyalodendronSpecies. Journal of Natural Products, 2000, 63, 90-94.	3.0	11
149	Isolation, Structure Elucidation, and Biological Activity of Altersolanol P Using Staphylococcus aureus Fitness Test Based Genome-Wide Screening. Journal of Natural Products, 2014, 77, 497-502.	3.0	11
150	Taxonomy of the Sphaerostilbella broomeana-group (Hypocreales, Ascomycota). Mycological Progress, 2019, 18, 77-89.	1.4	10
151	Southern Appalachian Russulas. I. Mycologia, 1984, 76, 975-1002.	1.9	9
152	Coprophilin: An anticoccidial agent produced by a dung inhabiting fungus. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3439-3442.	2.2	9
153	Studies on Morinia: Recognition of Morinia longiappendiculata sp. nov. as a new endophytic fungus, and a new circumscription of Morinia pestalozzioides. Mycologia, 2006, 98, 616-627.	1.9	9
154	Short-term dynamics of culturable bacteria in a soil amended with biotransformed dry olive residue. Systematic and Applied Microbiology, 2014, 37, 113-120.	2.8	9
155	Protective effects of isolecanoric acid on neurodegenerative inÂvitro models. Neuropharmacology, 2016, 101, 538-548.	4.1	9
156	Benzophenone and Fimetarone Derivatives from the Coprophilous Fungus Delitschia confertaspora. Journal of Natural Products, 2017, 80, 707-712.	3.0	9
157	Arenicolins: C-Glycosylated Depsides from Penicillium arenicola. Journal of Natural Products, 2020, 83, 668-674.	3.0	9
158	Talaromyces ocotl sp. nov. and Observations on T. rotundus from Conifer Forest Soils of Veracruz State, Mexico. Mycologia, 2001, 93, 528.	1.9	8
159	Manipulating Filamentous Fungus Chemical Phenotypes by Growth on Nutritional Arrays. Methods in Molecular Biology, 2012, 944, 59-78.	0.9	8
160	Aspergillus candidus is a newly recognized source of sphaeropsidin A: Isolation, semi-synthetic derivatization and anticancer evaluation. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5436-5440.	2.2	8
161	PhialophorasectionCatenulataedisassembled: New genera, species, and combinations and a new family encompassing taxa with cleistothecial ascomata and phialidic asexual states. Mycologia, 2019, 111, 998-1027.	1.9	8
162	Sphaerostilbellins, New Antimicrobial Aminolipopeptide Peptaibiotics from Sphaerostilbella toxica. Biomolecules, 2020, 10, 1371.	4.0	8

#	Article	IF	Citations
163	Anti-cryptococcal activity of preussolides A and B, phosphoethanolamine-substituted 24-membered macrolides, and leptosin C from coprophilous isolates of Preussia typharum. Journal of Industrial Microbiology and Biotechnology, 2021, , .	3.0	7
164	Characterization of the Light- and Base-Mediated Instability of Calbistrin A. Journal of Natural Products, 1993, 56, 1779-1785.	3.0	6
165	Automated Agar Plate Streaker: A Linear Plater on Society for Biomolecular Sciences Standard Plates. Journal of Biomolecular Screening, 2006, 11, 704-711.	2.6	6
166	Effects of Dry Olive Residue Transformed by Coriolopsis floccosa (Polyporaceae) on the Distribution and Dynamic of a Culturable Fungal Soil Community. Microbial Ecology, 2014, 67, 648-658.	2.8	6
167	Campafungins: Inhibitors of Candida albicans and Cryptococcus neoformans Hyphal Growth. Journal of Natural Products, 2020, 83, 2718-2726.	3.0	6
168	Southern Appalachian Russulas. III. The Identity of Russula Eccentrica and R. Morgani (Russulaceae). Brittonia, 1985, 37, 360.	0.2	5
169	A New Species of Neocosmospora with a Penicillifer Anamorph. Mycologia, 1991, 83, 797.	1.9	5
170	Wojnowicia colluvium sp. nov. Isolated from Conifer Litter. Mycologia, 1995, 87, 518.	1.9	5
171	Time-Dependent Production of the Bioactive Peptides Endolides A and B and the Polyketide Mariline A from the Sponge-Derived Fungus Stachylidium bicolor 293K04. Fermentation, 2017, 3, 45.	3.0	5
172	Wortmannin and Wortmannine Analogues from an UndescribedNiessliasp.. Journal of Natural Products, 2019, 82, 532-538.	3.0	5
173	Acrophiarin (antibiotic S31794 /Fâ€1) from Penicillium arenicola shares biosynthetic features with both Aspergillus â€•and Leotiomycete â€type echinocandins. Environmental Microbiology, 2020, 22, 2292-2311.	3.8	5
174	Broomeanamides: Cyclic Octapeptides from an Isolate of the Fungicolous Ascomycete Sphaerostilbella broomeana from India. Journal of Natural Products, 2021, 84, 2028-2034.	3.0	5
175	Notes onLactariusin the High-Elevation Forests of The Southern Appalachians. Mycologia, 1986, 78, 70-79.	1.9	4
176	Southern Appalachian Russulas. IV. Mycologia, 1989, 81, 57-65.	1.9	4
177	Identification of the Antifungal Metabolite Chaetoglobosin P From Discosia rubi Using a Cryptococcus neoformans Inhibition Assay: Insights Into Mode of Action and Biosynthesis. Frontiers in Microbiology, 2020, 11, 1766.	3.5	4
178	Identification of Secondary Metabolites from Aspergillus pachycristatus by Untargeted UPLC-ESI-HRMS/MS and Genome Mining. Molecules, 2020, 25, 913.	3.8	4
179	Contributions of Pharmaceutical Antibiotic and Secondary Metabolite Discovery to the Understanding of Microbial Defense and Antagonism. Mycology, 2009, , .	0.5	4
180	Notes on Lactarius in the High-Elevation Forests of the Southern Appalachians. Mycologia, 1986, 78, 70.	1.9	3

#	Article	IF	Citations
181	A new species of endophyticBalansiafrom Veracruz, Mexico. Mycologia, 2002, 94, 1066-1070.	1.9	3
182	Southern Appalachian Russulas. IV. Mycologia, 1989, 81, 57.	1.9	2
183	Merimbla humicoloides sp. nov. from conifer forest soil of Veracruz state, Mexico. Mycological Research, 2001, 105, 1273-1279.	2.5	2
184	Editorial comment â€“ Discovery, distribution and biosynthesis of fungal secondary metabolites. Mycology, 2014, 5, 99-101.	4.4	2
185	Editorial: Strategies for the Discovery of Fungal Natural Products. Frontiers in Microbiology, 2022, 13, .	3.5	2
186	Distribution of Lactarius in the High-Elevation Forests of the Southern Appalachians. Mycologia, 1986, 78, 80-85.	1.9	1
187	Distribution of Lactarius in the High-Elevation Forests of the Southern Appalachians. Mycologia, 1986, 78, 80.	1.9	1
188	A new species of endophytic Balansia from Veracruz, Mexico. Mycologia, 2002, 94, 1066-70.	1.9	1
189	Miniaturization of Fermentations. , 0, , 99-116.		0