

Frank Surup

List of Publications by Year in descending order

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75
papers

1,615
citations

257450

24
h-index

377865

34
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77
all docs

77
docs citations

77
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing Techniques for the Utilization of Planctomycetes As Producers of Bioactive Molecules. <i>Frontiers in Microbiology</i> , 2016, 7, 1242.	3.5	69
2	A new endophytic insect-associated <i>Daldinia</i> species, recognised from a comparison of secondary metabolite profiles and molecular phylogeny. <i>Fungal Diversity</i> , 2013, 60, 107-123.	12.3	61
3	Hymenosetin, a 3-decalinoyltetramic acid antibiotic from cultures of the ash dieback pathogen, <i>Hymenoscyphus pseudoalbidus</i> . <i>Phytochemistry</i> , 2014, 100, 86-91.	2.9	57
4	Fungal endophytes for biocontrol of ash dieback: The antagonistic potential of <i>Hypoxylon rubiginosum</i> . <i>Fungal Ecology</i> , 2020, 45, 100918.	1.6	47
5	Disciformycins A and B: 12-Membered Macrolide Glycoside Antibiotics from the Myxobacterium <i>Pyxidicoccus fallax</i> Active against Multiresistant Staphylococci. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13588-13591.	13.8	46
6	Lenormandins C, new azaphilones from <i>Hypoxylon lenormandii</i> and <i>Hypoxylon jaklitschii</i> sp. nov., recognised by chemotaxonomic data. <i>Fungal Diversity</i> , 2015, 71, 165-184.	12.3	46
7	Rickenyls E, antioxidative terphenyls from the fungus <i>Hypoxylon rickii</i> (Xylariaceae, Ascomycota). <i>Phytochemistry</i> , 2015, 118, 68-73.	2.9	46
8	Cohaerins K, azaphilone pigments from <i>Annulohypoxylon cohaerens</i> and absolute stereochemistry of cohaerins K. <i>Phytochemistry</i> , 2013, 95, 252-258.	2.9	43
9	Deconins E: Cuparenic and Mevalonic or Propionic Acid Conjugates from the Basidiomycete <i>Deconica</i> sp. 471. <i>Journal of Natural Products</i> , 2015, 78, 934-938.	3.0	43
10	Antiviral Meroterpenoid Rhodatin and Sesquiterpenoids Rhodocoranes E from the Wrinkled Peach Mushroom, <i>Rhodotus palmatus</i> . <i>Organic Letters</i> , 2019, 21, 3286-3289.	4.6	43
11	Sporothriolide derivatives as chemotaxonomic markers for <i>Hypoxylon monticulosum</i> . <i>Mycology</i> , 2014, 5, 110-119.	4.4	42
12	Biosynthesis of Crocacin Involves an Unusual Hydrolytic Release Domain Showing Similarity to Condensation Domains. <i>Chemistry and Biology</i> , 2014, 21, 855-865.	6.0	42
13	The Iromycins, a New Family of Pyridone Metabolites from <i>Streptomyces</i> sp. I. Structure, NOS Inhibitory Activity, and Biosynthesis. <i>Journal of Organic Chemistry</i> , 2007, 72, 5085-5090.	3.2	39
14	Botryane, noreudesmane and abietane terpenoids from the ascomycete <i>Hypoxylon rickii</i> . <i>Phytochemistry</i> , 2015, 117, 116-122.	2.9	38
15	Gymnopalynes A and B, Chloropropynyl-isocoumarin Antibiotics from Cultures of the Basidiomycete <i>Gymnopuss</i> . <i>Journal of Natural Products</i> , 2013, 76, 2141-2144.	3.0	36
16	The Rickiols: 20-, 22-, and 24-membered Macrolides from the Ascomycete <i>Hypoxylon rickii</i> . <i>Chemistry - A European Journal</i> , 2018, 24, 2200-2213.	3.3	36
17	Cytochalasans Act as Inhibitors of Biofilm Formation of <i>Staphylococcus Aureus</i> . <i>Biomolecules</i> , 2018, 8, 129.	4.0	36
18	Meroterpenoids: A Comprehensive Update Insight on Structural Diversity and Biology. <i>Biomolecules</i> , 2021, 11, 957.	4.0	34

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19	The planctomycete <i>Stieleria maiorica</i> Mal15T employs stieleriacines to alter the species composition in marine biofilms. <i>Communications Biology</i> , 2020, 3, 303.	4.4	33
20	Structure and Biosynthesis of Crocagins: Polycyclic Posttranslationally Modified Ribosomal Peptides from <i>Chondromyces crocatus</i> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7407-7410.	13.8	32
21	The Effect of Cytochalasins on the Actin Cytoskeleton of Eukaryotic Cells and Preliminary Structure-Activity Relationships. <i>Biomolecules</i> , 2019, 9, 73.	4.0	29
22	Hypoxyvermelhotins A-C, new pigments from <i>Hypoxylon lechatii</i> sp. nov. <i>Fungal Biology</i> , 2014, 118, 242-252.	2.5	28
23	Concerted Action of P450 Plus Helper Protein To Form the Amino-hydroxy-piperidone Moiety of the Potent Protease Inhibitor Crocapeptin. <i>Journal of the American Chemical Society</i> , 2013, 135, 16885-16894.	13.7	27
24	Truncatones D, benzo[<i>jj</i>]fluoranthenes from <i>Annulohypoxylon</i> species (Xylariaceae, Ascomycota). <i>Tetrahedron</i> , 2016, 72, 6450-6454.	1.9	27
25	Stieleriacines, N-Acyl Dehydrotyrosines From the Marine Planctomycete <i>Stieleria neptunia</i> sp. nov.. <i>Frontiers in Microbiology</i> , 2020, 11, 1408.	3.5	25
26	Treatment of <i>Vinca minor</i> Leaves with Methyl Jasmonate Extensively Alters the Pattern and Composition of Indole Alkaloids. <i>Journal of Natural Products</i> , 2017, 80, 2905-2909.	3.0	22
27	Cycloheximide-Producing <i>Streptomyces</i> Associated With <i>Xyleborinus saxesenii</i> and <i>Xyleborus affinis</i> Fungus-Farming Ambrosia Beetles. <i>Frontiers in Microbiology</i> , 2020, 11, 562140.	3.5	22
28	Cysteine-Derived Pleurotin Congeners from the Nematode-Trapping Basidiomycete <i>Hohenbuehelia grisea</i> . <i>Journal of Natural Products</i> , 2018, 81, 286-291.	3.0	21
29	Resolution of the <i>Hypoxylon fuscum</i> Complex (Hypoxylaceae, Xylariales) and Discovery and Biological Characterization of Two of Its Prominent Secondary Metabolites. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1074.	1.0	10
30	Hyfraxins A and B, cytotoxic ergostane-type steroid and lanostane triterpenoid glycosides from the invasive ash dieback ascomycete <i>Hymenoscyphus fraxineus</i> . <i>Steroids</i> , 2018, 135, 92-97.	1.8	20
31	Identification of fungal fossils and novel azaphilone pigments in ancient carbonised specimens of <i>Hypoxylon fragiforme</i> from forest soils of Châtillon-sur-Seine (Burgundy). <i>Fungal Diversity</i> , 2018, 92, 345-356.	12.3	20
32	New terpenoids from the fermentation broth of the edible mushroom <i>Cyclocybe aegerita</i> . <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1000-1007.	2.2	20
33	Cytotoxic, antimicrobial and antiviral secondary metabolites produced by the plant pathogenic fungus <i>Cytospora</i> sp. CCTU A309. <i>Fungal Diversity</i> , 2019, 134, 314-322.	2.2	20
34	Hybridorubins D: Azaphilone Heterodimers from Stromata of <i>Hypoxylon fragiforme</i> and Insights into the Biosynthetic Machinery for Azaphilone Diversification. <i>Chemistry - A European Journal</i> , 2021, 27, 1438-1450.	3.3	20
35	Truncaquinones A and B, asterriquinones from <i>Annulohypoxylon truncatum</i> . <i>Tetrahedron Letters</i> , 2016, 57, 2183-2185.	1.4	19
36	Opuntisines, 14-membered cyclopeptide alkaloids from fruits of <i>Opuntia stricta</i> var. <i>dillenii</i> isolated by high-performance countercurrent chromatography. <i>Food Chemistry</i> , 2021, 334, 127552.	8.2	18

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37	Iromycins from <i>Streptomyces</i> sp. and from synthesis: New inhibitors of the mitochondrial electron transport chain. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1738-1746.	3.0	17
38	Two xanthenes and two rotameric (3 α :8) biflavonoids from the Cameroonian medicinal plant <i>Allanblackia floribunda</i> Oliv. (Guttiferae). <i>Tetrahedron Letters</i> , 2018, 59, 4545-4550.	1.4	17
39	Antiviral 4-Hydroxypleurogrisein and Antimicrobial Pleurotin Derivatives from Cultures of the Nematophagous Basidiomycete <i>Hohenbuehelia grisea</i> . <i>Molecules</i> , 2018, 23, 2697.	3.8	17
40	Biosynthesis of oxygenated brasilane terpene glycosides involves a promiscuous <i>N</i> -acetylglucosamine transferase. <i>Chemical Communications</i> , 2020, 56, 12419-12422.	4.1	17
41	Discovery of a new species of the <i>Hypoxylon rubiginosum</i> complex from Iran and antagonistic activities of <i>Hypoxylon</i> spp. against the Ash Dieback pathogen, <i>Hymenoscyphus fraxineus</i> , in dual culture. <i>MycKeys</i> , 2020, 66, 105-133.	1.9	17
42	Production of Trichothecenes by the Apple Sooty Blotch Fungus <i>Microcyclospora tardicrescens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3525-3530.	5.2	16
43	Silphiperfolene-Type Terpenoids and Other Metabolites from Cultures of the Tropical Ascomycete <i>Hypoxylon rickii</i> (Xylariaceae). <i>Natural Products and Bioprospecting</i> , 2015, 5, 167-173.	4.3	16
44	Development of a microarray-based assay for efficient testing of new HSP70/DnaK inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6345-6352.	3.0	15
45	Activation of the NLRP3 Inflammasome by Hyaboron, a New Asymmetric Boron-Containing Macrodiolide from the Myxobacterium <i>Hyalangium minutum</i> . <i>ACS Chemical Biology</i> , 2018, 13, 2981-2988.	3.4	15
46	Seven New Cytotoxic and Antimicrobial Xanthoquinodins from <i>Jugulospora vestita</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 188.	3.5	14
47	<i>Stieleria varia</i> sp. nov., isolated from wood particles in the Baltic Sea, constitutes a novel species in the family Pirellulaceae within the phylum Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1953-1963.	1.7	14
48	Minutellins A–D, azaphilones from the stromata of <i>Annulohypoxylon minutellum</i> (Xylariaceae). <i>Phytochemistry</i> , 2017, 137, 66-71.	2.9	13
49	Antifungal Sesquiterpenoids, Rhodocoranes, from Submerged Cultures of the Wrinkled Peach Mushroom, <i>Rhodotus palmatus</i> . <i>Journal of Natural Products</i> , 2020, 83, 720-724.	3.0	13
50	Antifungal Metabolites from Marine-Derived <i>Streptomyces</i> sp. AMA49 against <i>Pyricularia oryzae</i> . <i>Journal of Pure and Applied Microbiology</i> , 2019, 13, 653-665.	0.9	13
51	Albiducins A and B, salicylaldehyde antibiotics from the ash tree-associated saprotrophic fungus <i>Hymenoscyphus albidus</i> . <i>Journal of Antibiotics</i> , 2018, 71, 339-341.	2.0	11
52	Crocadepsins—Depsipeptides from the Myxobacterium <i>Chondromyces crocatus</i> Found by a Genome Mining Approach. <i>ACS Chemical Biology</i> , 2018, 13, 267-272.	3.4	11
53	Simplicilonones A and B Isolated from the Endophytic Fungus <i>Simplicillium subtropicum</i> SPC3. <i>Antibiotics</i> , 2020, 9, 753.	3.7	11
54	Total Synthesis of Crocaginin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12848-12851.	13.8	10

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55	Litoralimycins A and B, New Cytotoxic Thiopeptides from <i>Streptomonospora</i> sp. M2. <i>Marine Drugs</i> , 2020, 18, 280.	4.6	9
56	<i>Daldinia sacchari</i> (Hypoxylaceae) from India produces the new cytochalasins Saccalasin A and B and belongs to the <i>D. eschscholtzii</i> species complex. <i>Mycological Progress</i> , 2019, 18, 175-185.	1.4	8
57	Biosynthesis of Antibacterial Iron-Chelating Tropolones in <i>Aspergillus nidulans</i> as Response to Glycopeptide-Producing <i>Streptomyces</i> . <i>Frontiers in Fungal Biology</i> , 2022, 2, .	2.0	8
58	Diversity of biologically active secondary metabolites in the ascomycete order Sordariales. <i>Mycological Progress</i> , 2022, 21, 1.	1.4	8
59	Elsinopirins A–D, Decalin Polyketides from the Ascomycete <i>Elsinoë pyri</i> . <i>Biomolecules</i> , 2018, 8, 8.	4.0	7
60	Amycolatomycins A and B, Cyclic Hexapeptides Isolated from an <i>Amycolatopsis</i> sp. 195334CR. <i>Antibiotics</i> , 2021, 10, 261.	3.7	7
61	Morinagadepsin, a Depsipeptide from the Fungus <i>Morinagamyces vermicularis</i> gen. et comb. nov.. <i>Microorganisms</i> , 2021, 9, 1191.	3.6	7
62	Viriditins from <i>Byssochlamys spectabilis</i> , their stereochemistry and biosynthesis. <i>Tetrahedron Letters</i> , 2020, 61, 151446.	1.4	6
63	Three New Derivatives of Zopfinol from <i>Pseudorhizophila Mangenotii</i> gen. et comb. nov.. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 181.	3.5	6
64	<i>Streptomonospora litoralis</i> sp. nov., a halophilic thiopeptides producer isolated from sand collected at Cuxhaven beach. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1483-1496.	1.7	6
65	Azaphilone Pigments from <i>Hypoxylon rubiginosum</i> and <i>H. texense</i> : Absolute Configuration, Bioactivity, and Biosynthesis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5094-5103.	2.4	5
66	COX Inhibitory and Cytotoxic Naphthoketal-Bearing Polyketides from <i>Sparticola junci</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 12379.	4.1	5
67	Rickicaryophyllane A, a Caryophyllane from the Ascomyceteous Fungus <i>Hypoxylon rickii</i> and a 10-Norbotryane Congener. <i>Natural Product Communications</i> , 2016, 11, 909-912.	0.5	5
68	Antiproliferative and Cytotoxic Cytochalasins from <i>Sparticola triseptata</i> Inhibit Actin Polymerization and Aggregation. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 560.	3.5	5
69	Studies on the secondary metabolism of <i>Rosellinia</i> and <i>Dematophora</i> strains (Xylariaceae) from Iran. <i>Mycological Progress</i> , 2022, 21, .	1.4	5
70	Total Synthesis of Crocagin A. <i>Angewandte Chemie</i> , 2017, 129, 13028-13031.	2.0	4
71	Analogues of the carotane antibiotic fulvoferruginin from submerged cultures of a Thai <i>Marasmius</i> sp.. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1385-1391.	2.2	4
72	Chemische Struktur und Biosynthese der Crocagine, polycyclischer Peptide ribosomalen Ursprungs aus <i>Chondromyces crocatus</i> . <i>Angewandte Chemie</i> , 2017, 129, 7513-7517.	2.0	3

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73	Production of Obionin A and Derivatives by the Sooty Blotch Fungus <i>Microcycluspora malicola</i> . <i>Planta Medica</i> , 2015, 81, 1339-1344.	1.3	2
74	Five Tetramic Acid Derivatives Isolated from the Iranian Fungus <i>Colpoma quercinum</i> CCTU A372. <i>Biomolecules</i> , 2021, 11, 783.	4.0	2
75	The structure of CgnJ, a domain of unknown function protein from the crocagin gene cluster. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 205-211.	0.8	1