

Markiyan Samborskyy

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

839
citations

623734

14
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete genome sequence of the erythromycin-producing bacterium <i>Saccharopolyspora erythraea</i> NRRL23338. <i>Nature Biotechnology</i> , 2007, 25, 447-453.	17.5	348
2	Diversity oriented biosynthesis via accelerated evolution of modular gene clusters. <i>Nature Communications</i> , 2017, 8, 1206.	12.8	66
3	Iterative Mechanism of Macrolide Formation in the Anticancer Compound Conglobatin. <i>Chemistry and Biology</i> , 2015, 22, 745-754.	6.0	64
4	A Late-Stage Intermediate in Salinomycin Biosynthesis Is Revealed by Specific Mutation in the Biosynthetic Gene Cluster. <i>ChemBioChem</i> , 2012, 13, 66-71.	2.6	59
5	Unusual Acetylation-Elimination in the Formation of Tetrone Antibiotics. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5785-5788.	13.8	44
6	Organization of the biosynthetic gene cluster in <i>Streptomyces</i> sp. DSM 4137 for the novel neuroprotectant polyketide meridamycin. <i>Microbiology (United Kingdom)</i> , 2006, 152, 3507-3515.	1.8	34
7	An Amidinohydrolase Provides the Missing Link in the Biosynthesis of Amino Marginolactone Antibiotics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1118-1123.	13.8	29
8	A Flavin-Dependent Decarboxylase-Dehydrogenase-Monooxygenase Assembles the Warhead of β,β -Epoxyketone Proteasome Inhibitors. <i>Journal of the American Chemical Society</i> , 2016, 138, 4342-4345.	13.7	24
9	Evidence for an iterative module in chain elongation on the azalomycin polyketide synthase. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2164-2172.	2.2	21
10	C-Nucleoside Formation in the Biosynthesis of the Antifungal Malayamycin A. <i>Cell Chemical Biology</i> , 2019, 26, 493-501.e5.	5.2	21
11	Unexpected enzyme-catalysed [4+2] cycloaddition and rearrangement in polyether antibiotic biosynthesis. <i>Nature Catalysis</i> , 2019, 2, 1045-1054.	34.4	20
12	Isoafricanol synthase from <i>Streptomyces malaysiensis</i> . <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2353-2358.	2.8	16
13	A vitamin K-dependent carboxylase orthologue is involved in antibiotic biosynthesis. <i>Nature Catalysis</i> , 2018, 1, 977-984.	34.4	15
14	The biosynthetic pathway to ossamycin, a macrocyclic polyketide bearing a spiroacetal moiety. <i>PLoS ONE</i> , 2019, 14, e0215958.	2.5	14
15	Sarpeptins A and B, Lipopeptides Produced by <i>Streptomyces</i> sp. KO-7888 Overexpressing a Specific SARP Regulator. <i>Journal of Natural Products</i> , 2019, 82, 2144-2151.	3.0	10
16	Sulfation and amidinohydrolysis in the biosynthesis of giant linear polyenes. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2408-2415.	2.2	8
17	Draft Genome Sequence of the Fungus <i>Penicillium brasilianum</i> (Strain LaBioMMi 136), a Plant Endophyte from <i>Melia azedarach</i> . <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	8
18	The Potential of Developing Pan-Coronaviral Antibodies to Spike Peptides in Convalescent COVID-19 Patients. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2021, 69, 5.	2.3	8

#	ARTICLE	IF	CITATIONS
19	The biosynthetic pathway to tetromadurin (SF2487/A80577), a polyether tetronate antibiotic. PLoS ONE, 2020, 15, e0239054.	2.5	7
20	Genome Mining of Endophytic <i>Streptomyces wadayamensis</i> Reveals High Antibiotic Production Capability. Journal of the Brazilian Chemical Society, 2016, , .	0.6	3
21	An Amidinohydrolase Provides the Missing Link in the Biosynthesis of Amino Marginolactone Antibiotics. Angewandte Chemie, 2016, 128, 1130-1135.	2.0	2
22	The crystal structure of AjiA1 reveals a novel structural motion mechanism in the adenylate-forming enzyme family. Acta Crystallographica Section D: Structural Biology, 2020, 76, 1201-1210.	2.3	2
23	The biosynthetic pathway to tetromadurin (SF2487/A80577), a polyether tetronate antibiotic. , 2020, 15, e0239054.		0
24	The biosynthetic pathway to tetromadurin (SF2487/A80577), a polyether tetronate antibiotic. , 2020, 15, e0239054.		0
25	The biosynthetic pathway to tetromadurin (SF2487/A80577), a polyether tetronate antibiotic. , 2020, 15, e0239054.		0
26	The biosynthetic pathway to tetromadurin (SF2487/A80577), a polyether tetronate antibiotic. , 2020, 15, e0239054.		0