

Sylvie Lautru

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,372
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	715
2	Discovery of a new peptide natural product by <i>Streptomyces coelicolor</i> genome mining. <i>Nature Chemical Biology</i> , 2005, 1, 265-269.	8.0	331
3	Cyclodipeptide synthases are a family of tRNA-dependent peptide bond-forming enzymes. <i>Nature Chemical Biology</i> , 2009, 5, 414-420.	8.0	215
4	The nonribosomal synthesis of diketopiperazines in tRNA-dependent cyclodipeptide synthase pathways. <i>Natural Product Reports</i> , 2012, 29, 961.	10.3	140
5	A new approach to bioconjugates for proteins and peptides (â€œpegylationâ€) utilising living radical polymerisation. <i>Chemical Communications</i> , 2004, , 2026-2027.	4.1	138
6	The Albonoursin Gene Cluster of <i>S. noursei</i> . <i>Chemistry and Biology</i> , 2002, 9, 1355-1364.	6.0	133
7	Multiple biosynthetic and uptake systems mediate siderophore-dependent iron acquisition in <i>Streptomyces coelicolor</i> A3(2) and <i>Streptomyces ambofaciens</i> ATCC 23877. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1405-1412.	1.8	93
8	Substrate recognition by nonribosomal peptide synthetase multi-enzymes. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1405-1412.	1.8	97
9	MbtH-like protein-mediated cross-talk between non-ribosomal peptide antibiotic and siderophore biosynthetic pathways in <i>Streptomyces coelicolor</i> M145. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1405-1412.	1.8	93
10	Genome mining of <i>Streptomyces ambofaciens</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 251-263.	3.0	85
11	An Iterative Nonribosomal Peptide Synthetase Assembles the Pyrrole-Amide Antibiotic Congocidine in <i>Streptomyces ambofaciens</i> . <i>Chemistry and Biology</i> , 2009, 16, 421-431.	6.0	54
12	Glycosylation Steps during Spiramycin Biosynthesis in <i>Streptomyces ambofaciens</i> : Involvement of Three Glycosyltransferases and Their Interplay with Two Auxiliary Proteins. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2830-2839.	3.2	36
13	Cyclic dipeptide oxidase from <i>Streptomyces noursei</i> . <i>FEBS Journal</i> , 2001, 268, 1712-1721.	0.2	34
14	Natural Combinatorial Biosynthesis Involving Two Clusters for the Synthesis of Three Pyrrolamides in <i>Streptomyces netropsis</i> . <i>ACS Chemical Biology</i> , 2015, 10, 601-610.	3.4	30
15	Dynamics of the compartmentalized <i>Streptomyces</i> chromosome during metabolic differentiation. <i>Nature Communications</i> , 2021, 12, 5221.	12.8	30
16	Complete genome sequence of <i>Streptomyces ambofaciens</i> ATCC 23877, the spiramycin producer. <i>Journal of Biotechnology</i> , 2015, 214, 117-118.	3.8	29
17	A Sweet Origin for the Key Congocidine Precursor 4â€Acetamidopyrroleâ€2â€carboxylate. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7454-7458.	13.8	17
18	Cyclic dipeptide oxidase from <i>Streptomyces noursei</i> isolation, purification and partial characterization of a novel, amino acyl alpha,beta-dehydrogenase. <i>FEBS Journal</i> , 2001, 268, 1712-1721.	0.2	17

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19	Modular and Integrative Vectors for Synthetic Biology Applications in <i>Streptomyces</i> spp. Applied and Environmental Microbiology, 2019, 85, .	3.1	14
20	Post-PKS Tailoring Steps of the Spiramycin Macrolactone Ring in <i>Streptomyces ambofaciens</i> . Antimicrobial Agents and Chemotherapy, 2013, 57, 3836-3842.	3.2	13
21	Study of bicyclomycin biosynthesis in <i>Streptomyces cinnamoneus</i> by genetic and biochemical approaches. Scientific Reports, 2019, 9, 20226.	3.3	12
22	Revised Structure of Anthelvencin A and Characterization of the Anthelvencin Biosynthetic Gene Cluster. ACS Chemical Biology, 2020, 15, 945-951.	3.4	9
23	Draft Genome Sequence of <i>Streptomyces</i> sp. M1013, a Close Relative of <i>Streptomyces ambofaciens</i> and <i>Streptomyces coelicolor</i> . Genome Announcements, 2017, 5, .	0.8	3
24	Transcriptional regulation of congocidine (netropsin) biosynthesis and resistance.. Applied and Environmental Microbiology, 2021, 87, e0138021.	3.1	0