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List of Publications by Year
in descending order

44 papers	3,883 citations	172207 29 h-index	243296 44 g-index
44 all docs	44 docs citations	44 times ranked	4226 citing authors

#	Article	IF	Citations
1	Colibrimycins, Novel Halogenated Hybrid Polyketide Synthase-Nonribosomal Peptide Synthetase (PKS-NRPS) Compounds Produced by Streptomyces sp. Strain CS147. Applied and Environmental Microbiology, 2022, 88, AEM0183921.	1.4	13
2	Identification of Antimicrobial Compounds in Two Streptomyces sp. Strains Isolated From Beehives. Frontiers in Microbiology, 2022, 13, 742168.	1.5	13
3	A Multidisciplinary Approach to Unraveling the Natural Product Biosynthetic Potential of a Streptomyces Strain Collection Isolated from Leaf-Cutting Ants. Microorganisms, 2021, 9, 2225.	1.6	7
4	Uncovering production of specialized metabolites by Streptomyces argillaceus: Activation of cryptic biosynthesis gene clusters using nutritional and genetic approaches. PLoS ONE, 2018, 13, e0198145.	1.1	51
5	Searching for Glycosylated Natural Products in Actinomycetes and Identification of Novel Macrolactams and Angucyclines. Frontiers in Microbiology, 2018, 9, 39.	1.5	25
6	Cooperative Involvement of Glycosyltransferases in the Transfer of Amino Sugars during the Biosynthesis of the Macrolactam Sipanmycin by Streptomyces sp. Strain CS149. Applied and Environmental Microbiology, 2018, 84, .	1.4	14
7	Characterization of the Jomthonic Acids Biosynthesis Pathway and Isolation of Novel Analogues in Streptomyces caniferus GUA-06-05-006A. Marine Drugs, 2018, 16, 259.	2.2	10
8	Caboxamycin biosynthesis pathway and identification of novel benzoxazoles produced by crossâ€talk in Streptomyces sp. <scp>NTK</scp> 937. Microbial Biotechnology, 2017, 10, 873-885.	2.0	49
9	Novel Bioactive Paulomycin Derivatives Produced by Streptomyces albus J1074. Molecules, 2017, 22, 1758.	1.7	14
10	Identification by Genome Mining of a Type I Polyketide Gene Cluster from Streptomyces argillaceus Involved in the Biosynthesis of Pyridine and Piperidine Alkaloids Argimycins P. Frontiers in Microbiology, 2017, 8, 194.	1.5	34
11	New insights into paulomycin biosynthesis pathway in Streptomyces albus J1074 and generation of novel derivatives by combinatorial biosynthesis. Microbial Cell Factories, 2016, 15, 56.	1.9	27
12	Elucidation of the glycosylation steps during biosynthesis of antitumor macrolides PM100117 and PM100118 and engineering for novel derivatives. Microbial Cell Factories, 2016, 15, 187.	1.9	15
13	Characterization and engineering of the biosynthesis gene cluster for antitumor macrolides PM100117 and PM100118 from a marine actinobacteria: generation of a novel improved derivative. Microbial Cell Factories, 2016, 15, 44.	1.9	30
14	Genome Mining of Streptomyces sp. TÃ¼ 6176: Characterization of the Nataxazole Biosynthesis Pathway. ChemBioChem, 2015, 16, 1461-1473.	1.3	53
15	Minimum Information about a Biosynthetic Gene cluster. Nature Chemical Biology, 2015, 11, 625-631.	3.9	715
16	Draft Genome Sequence of Marine Actinomycete Streptomyces sp. Strain NTK 937, Producer of the Benzoxazole Antibiotic Caboxamycin. Genome Announcements, 2014, 2, .	0.8	4
17	Activation and identification of five clusters for secondary metabolites in <scp>S</scp>treptomyces albusâ€…<scp>J</scp>1074. Microbial Biotechnology, 2014, 7, 242-256.	2.0	190
18	Generation by mutasynthesis of potential neuroprotectant derivatives of the bipyridyl collismycin A. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5707-5709.	1.0	8

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19	Participation of putative glycoside hydrolases <scp>SlgC</scp>1 and <scp>SlgC</scp>2 in the biosynthesis of streptolydigin in <scp>S</scp>treptomyces lydicus. Microbial Biotechnology, 2012, 5, 663-667.	2.0	3
20	A Novel Mithramycin Analogue with High Antitumor Activity and Less Toxicity Generated by Combinatorial Biosynthesis. Journal of Medicinal Chemistry, 2012, 55, 5813-5825.	2.9	71
21	Molecular insights on the biosynthesis of antitumour compounds by actinomycetes. Microbial Biotechnology, 2011, 4, 144-164.	2.0	28
22	Biosynthesis of the RNA Polymerase Inhibitor Streptolydigin in Streptomyces lydicus: Tailoring Modification of 3-Methyl-Aspartate. Journal of Bacteriology, 2011, 193, 2647-2651.	1.0	24
23	Post-PKS tailoring steps in natural product-producing actinomycetes from the perspective of combinatorial biosynthesis. Natural Product Reports, 2010, 27, 571.	5.2	144
24	Indolocarbazole antitumour compounds by combinatorial biosynthesis. Current Opinion in Chemical Biology, 2009, 13, 152-160.	2.8	45
25	Deciphering Biosynthesis of the RNA Polymerase Inhibitor Streptolydigin and Generation of Glycosylated Derivatives. Chemistry and Biology, 2009, 16, 1031-1044.	6.2	65
26	Chapter 11 Sugar Biosynthesis and Modification. Methods in Enzymology, 2009, 458, 277-308.	0.4	12
27	Antitumor Compounds from Marine Actinomycetes. Marine Drugs, 2009, 7, 210-248.	2.2	256
28	Glycosylated Derivatives of Steffimycin: Insights into the Role of the Sugar Moieties for the Biological Activity. ChemBioChem, 2008, 9, 624-633.	1.3	39
29	Improving production of bioactive secondary metabolites in actinomycetes by metabolic engineering. Metabolic Engineering, 2008, 10, 281-292.	3.6	254
30	Glycosyltransferases, Important Tools for Drug Design. Current Topics in Medicinal Chemistry, 2008, 8, 680-709.	1.0	70
31	Deoxysugars in Bioactive Natural Products: Development of Novel Derivatives by Altering the Sugar Pattern. Current Topics in Medicinal Chemistry, 2008, 8, 710-724.	1.0	43
32	Engineering the glycosylation of natural products in actinomycetes. Trends in Microbiology, 2007, 15, 219-232.	3.5	132
33	The aureolic acid family of antitumor compounds: structure, mode of action, biosynthesis, and novel derivatives. Applied Microbiology and Biotechnology, 2006, 73, 1-14.	1.7	149
34	Deciphering the Biosynthesis Pathway of the Antitumor Thiocoraline from a Marine Actinomycete and Its Expression in Two Streptomyces Species. ChemBioChem, 2006, 7, 366-376.	1.3	159
35	Reevaluation of the Violacein Biosynthetic Pathway and its Relationship to Indolocarbazole Biosynthesis. ChemBioChem, 2006, 7, 1231-1240.	1.3	101
36	Deciphering the late steps in the biosynthesis of the anti-tumour indolocarbazole staurosporine: sugar donor substrate flexibility of the StaG glycosyltransferase. Molecular Microbiology, 2005, 58, 17-27.	1.2	114

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37	From The Cover: Combinatorial biosynthesis of antitumor indolocarbazole compounds. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 461-466.	3.3	228
38	Combining sugar biosynthesis genes for the generation ofl- andd-amicetose and formation of two novel antitumor tetracenomycins. Chemical Communications, 2005, , 1604-1606.	2.2	57
39	Biosynthesis Pathways for Deoxysugars in Antibiotic-Producing Actinomycetes: Isolation, Characterization and Generation of Novel Glycosylated Derivatives. Journal of Molecular Microbiology and Biotechnology, 2005, 9, 77-85.	1.0	55
40	Biosynthesis of the angiogenesis inhibitor borrelidin by Streptomyces parvulus TÃ¼4055: insights into nitrile formationâ€. Molecular Microbiology, 2004, 52, 1745-1756.	1.2	67
41	Engineering Biosynthetic Pathways for Deoxysugars: Branched-Chain Sugar Pathways and Derivatives from the Antitumor Tetracenomycin. Chemistry and Biology, 2004, 11, 1709-1718.	6.2	73
42	Rationally Designed Glycosylated Premithramycins:Â Hybrid Aromatic Polyketides Using Genes from Three Different Biosynthetic Pathways. Journal of the American Chemical Society, 2002, 124, 6056-6062.	6.6	82
43	Altering the glycosylation pattern of bioactive compounds. Trends in Biotechnology, 2001, 19, 449-456.	4.9	161
44	Two glycosyltransferases and a glycosidase are involved in oleandomycin modification during its biosynthesis by Streptomyces antibioticus. Molecular Microbiology, 1998, 28, 1177-1185.	1.2	179