

Yvonne Mast

List of Publications by Year in descending order

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37
papers

1,656
citations

566801

15
h-index

377514

34
g-index

40
all docs

40
docs citations

40
times ranked

2551
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
2	Characterization of the ãpristinamycin superclusterã™ of <i>Streptomyces pristinaespiralis</i> . <i>Microbial Biotechnology</i> , 2011, 4, 192-206.	2.0	119
3	Antibiotic drug discovery. <i>Microbial Biotechnology</i> , 2016, 9, 541-548.	2.0	111
4	Identification of twoãcomponent system <scp><scp>AfsQ1/Q2</scp></scp> regulon and its crossãregulation with <scp><scp>GlnR</scp></scp> in <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2013, 87, 30-48.	1.2	94
5	Streptogramins ã Two are better than one!. <i>International Journal of Medical Microbiology</i> , 2014, 304, 44-50.	1.5	89
6	Proteomic analysis of the GlnR-mediated response to nitrogen limitation in <i>Streptomyces coelicolor</i> M145. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1149-1159.	1.7	62
7	Synthetic Biology of secondary metabolite biosynthesis in actinomycetes: Engineering precursor supply as a way to optimize antibiotic production. <i>FEBS Letters</i> , 2012, 586, 2171-2176.	1.3	53
8	A novel GlnR target gene, nnaR, is involved in nitrate/nitrite assimilation in <i>Streptomyces coelicolor</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1172-1182.	0.7	48
9	Actinomycetes: The Antibiotics Producers. <i>Antibiotics</i> , 2019, 8, 105.	1.5	43
10	A Complex Signaling Cascade Governs Pristinamycin Biosynthesis in <i>Streptomyces pristinaespiralis</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 6621-6636.	1.4	38
11	Disclosing the Potential of the SARP-Type Regulator PapR2 for the Activation of Antibiotic Gene Clusters in Streptomycetes. <i>Frontiers in Microbiology</i> , 2020, 11, 225.	1.5	38
12	The PII protein GlnK is a pleiotropic regulator for morphological differentiation and secondary metabolism in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 1219-1236.	1.7	34
13	Identification and functional characterization of phenylglycine biosynthetic genes involved in pristinamycin biosynthesis in <i>Streptomyces pristinaespiralis</i> . <i>Journal of Biotechnology</i> , 2011, 155, 63-67.	1.9	32
14	Extracting regulator activity profiles by integration of de novo motifs and expression data: characterizing key regulators of nutrient depletion responses in <i>Streptomyces coelicolor</i> . <i>Nucleic Acids Research</i> , 2012, 40, 5227-5239.	6.5	24
15	Improvement of pristinamycin I (PI) production in <i>Streptomyces pristinaespiralis</i> by metabolic engineering approaches. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 130-136.	1.8	19
16	Proteomic Approach to Reveal the Regulatory Function of Aconitase AcnA in Oxidative Stress Response in the Antibiotic Producer <i>Streptomyces viridochromogenes</i> Tã4494. <i>PLoS ONE</i> , 2014, 9, e87905.	1.1	14
17	Mining Indonesian Microbial Biodiversity for Novel Natural Compounds by a Combined Genome Mining and Molecular Networking Approach. <i>Marine Drugs</i> , 2021, 19, 316.	2.2	14
18	The bifunctional role of aconitase in <i>Streptomyces viridochromogenes</i> Tã4494. <i>Environmental Microbiology</i> , 2012, 14, 3203-3219.	1.8	13

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19	Regulation of Secondary Metabolites of Actinobacteria. , 2017, , 181-232.		12
20	Bioreporters for direct mode of action-informed screening of antibiotic producer strains. Cell Chemical Biology, 2021, 28, 1242-1252.e4.	2.5	11
21	Genetic engineering approaches for the fermentative production of phenylglycines. Applied Microbiology and Biotechnology, 2020, 104, 3433-3444.	1.7	9
22	Kibdelosporangium persicum sp. nov., a new member of the Actinomycetes from a hot desert in Iran. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	9
23	Comparative statistical component analysis of transgenic, cyanophycin-producing potatoes in greenhouse and field trials. Transgenic Research, 2017, 26, 529-539.	1.3	7
24	Complete Genome Sequence of <i>Streptomyces</i> sp. Strain SHP22-7, a New Species Isolated from Mangrove of Enggano Island, Indonesia. Microbiology Resource Announcements, 2018, 7, .	0.3	7
25	Characterization of the phenylglycine aminotransferase PglE from <i>Streptomyces pristinaespiralis</i> . Journal of Biotechnology, 2018, 278, 34-38.	1.9	7
26	<i>Streptomonospora litoralis</i> sp. nov., a halophilic thiopeptides producer isolated from sand collected at Cuxhaven beach. Antonie Van Leeuwenhoek, 2021, 114, 1483-1496.	0.7	6
27	Angucycline-like Aromatic Polyketide from a Novel <i>Streptomyces</i> Species Reveals Freshwater Snail <i>Physa acuta</i> as Underexplored Reservoir for Antibiotic-Producing Actinomycetes. Antibiotics, 2021, 10, 22.	1.5	6
28	High Plasticity of the Amicetin Biosynthetic Pathway in <i>Streptomyces</i> sp. SHP 22-7 Led to the Discovery of Streptocytosine P and Cytosaminomycins F and G and Facilitated the Production of 12F-Plicacetin. Journal of Natural Products, 2022, 85, 530-539.	1.5	6
29	Complete Genome Sequence of <i>Streptomyces</i> sp. Strain BSE7F, a Bali Mangrove Sediment Actinobacterium with Antimicrobial Activities. Genome Announcements, 2018, 6, .	0.8	4
30	Editorial: Regulation of Antibiotic Production in Actinomycetes. Frontiers in Microbiology, 2020, 11, 1566.	1.5	3
31	Investigation of the Autoregulator-Receptor System in the Pristinamycin Producer <i>Streptomyces pristinaespiralis</i> . Frontiers in Microbiology, 2020, 11, 580990.	1.5	3
32	Complete Genome Sequence of the Putative Phosphonate Producer <i>Streptomyces</i> sp. Strain I6, Isolated from Indonesian Mangrove Sediment. Microbiology Resource Announcements, 2019, 8, .	0.3	2
33	ActinoBase: tools and protocols for researchers working on <i>Streptomyces</i> and other filamentous actinobacteria. Microbial Genomics, 2022, 8, .	1.0	2
34	Draft Genome Sequence of the Pristinamycin-Producing Strain <i>Streptomyces</i> sp. SW4, Isolated from Soil in Nusa Kambangan, Indonesia. Microbiology Resource Announcements, 2018, 7, .	0.3	1
35	Genome Sequences of Two Putative Streptogramin Producers, <i>Streptomyces</i> sp. Strains TÅœ 2975 and TÅœ 3180, from the TÅ¼bingen Strain Collection. Microbiology Resource Announcements, 2020, 9, .	0.3	1
36	Bioreporters for Direct Mode of Action-Guided Screening of Antibiotic Producer Strains. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
37	Complete Genome Sequences of Two Novel Species from the <i>Pseudonocardiaceae</i> Family Isolated from the Persian Gulf. <i>Microbiology Resource Announcements</i> , 2021, 10, e0091821.	0.3	0