

Junko Hashimoto

List of Publications by Year in descending order

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papers

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1039880

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#	ARTICLE	IF	CITATIONS
1	Engineered <i>Streptomyces avermitilis</i> Host for Heterologous Expression of Biosynthetic Gene Cluster for Secondary Metabolites. <i>ACS Synthetic Biology</i> , 2013, 2, 384-396.	1.9	197
2	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1740-1745.	7.2	103
3	Biosynthesis of Versipelostatin: Identification of an Enzyme-Catalyzed [4+2]-Cycloaddition Required for Macrocyclization of Spirotetronate-Containing Polyketides. <i>Journal of the American Chemical Society</i> , 2015, 137, 572-575.	6.6	89
4	Novel thioviridamide derivative JBIR-140: heterologous expression of the gene cluster for thioviridamide biosynthesis. <i>Journal of Antibiotics</i> , 2015, 68, 533-536.	1.0	38
5	Biosynthesis of Quinolidomicin, the Largest Known Macrolide of Terrestrial Origin: Identification and Heterologous Expression of a Biosynthetic Gene Cluster over 200 kb. <i>Organic Letters</i> , 2018, 20, 7996-7999.	2.4	33
6	Novel Plant-Associated Acidobacteria Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021, 9, 1133.	1.6	26
7	In vitro Cas9-assisted editing of modular polyketide synthase genes to produce desired natural product derivatives. <i>Nature Communications</i> , 2020, 11, 4022.	5.8	25
8	Novel macrolactam compound produced by the heterologous expression of a large cryptic biosynthetic gene cluster of <i>Streptomyces rochei</i> IFO12908. <i>Journal of Antibiotics</i> , 2020, 73, 171-174.	1.0	14
9	C-Methylation of S-adenosyl-L-Methionine Occurs Prior to Cyclopropanation in the Biosynthesis of 1-Amino-2-Methylcyclopropanecarboxylic Acid (Norcoronamic Acid) in a Bacterium. <i>Biomolecules</i> , 2020, 10, 775.	1.8	11
10	Identification, cloning and heterologous expression of biosynthetic gene cluster for desertomycin. <i>Journal of Antibiotics</i> , 2020, 73, 650-654.	1.0	9
11	A novel oxazole-containing tetraene compound, JBIR-159, produced by heterologous expression of the cryptic trans-AT type polyketide synthase biosynthetic gene cluster. <i>Journal of Antibiotics</i> , 2021, 74, 354-358.	1.0	2
12	Draft Genome Sequence of Bryobacteraceae Strain F-183. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045321.	0.3	1
13	Complete Genome Sequence of <i>Luteitalea</i> sp. Strain TBR-22. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045521.	0.3	1
14	Hemiacetal-less rapamycin derivatives designed and produced by genetic engineering of a type I polyketide synthase. <i>Scientific Reports</i> , 2021, 11, 9944.	1.6	0
15	A novel methymycin analog, 12-ketomethymycin N-oxide, produced by the heterologous expression of the large pikromycin/methymycin biosynthetic gene cluster of <i>Streptomyces</i> sp. AM4900. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 890-894.	0.6	0