

Junko Hashimoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Engineered <i>Streptomyces avermitilis</i> Host for Heterologous Expression of Biosynthetic Gene Cluster for Secondary Metabolites. ACS Synthetic Biology, 2013, 2, 384-396.	3.8	197
2	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. Angewandte Chemie - International Edition, 2017, 56, 1740-1745.	13.8	103
3	Biosynthesis of Versipelostatin: Identification of an Enzyme-Catalyzed [4+2]-Cycloaddition Required for Macrocyclization of Spirotetronate-Containing Polyketides. Journal of the American Chemical Society, 2015, 137, 572-575.	13.7	89
4	Novel thioviridamide derivative JBIR-140: heterologous expression of the gene cluster for thioviridamide biosynthesis. Journal of Antibiotics, 2015, 68, 533-536.	2.0	38
5	Biosynthesis of Quinolidomicin, the Largest Known Macrolide of Terrestrial Origin: Identification and Heterologous Expression of a Biosynthetic Gene Cluster over 200 kb. Organic Letters, 2018, 20, 7996-7999.	4.6	33
6	Novel Plant-Associated Acidobacteria Promotes Growth of Common Floating Aquatic Plants, Duckweeds. Microorganisms, 2021, 9, 1133.	3.6	26
7	In vitro Cas9-assisted editing of modular polyketide synthase genes to produce desired natural product derivatives. Nature Communications, 2020, 11, 4022.	12.8	25
8	Novel macrolactam compound produced by the heterologous expression of a large cryptic biosynthetic gene cluster of Streptomyces rochei IFO12908. Journal of Antibiotics, 2020, 73, 171-174.	2.0	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. Biomolecules, 2020, 10, 775.	4.0	11
10	Identification, cloning and heterologous expression of biosynthetic gene cluster for desertomycin. Journal of Antibiotics, 2020, 73, 650-654.	2.0	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. Journal of Antibiotics, 2021, 74, 354-358.	2.0	2
12	Draft Genome Sequence of Bryobacteraceae Strain F-183. Microbiology Resource Announcements, 2022, 11, e0045321.	0.6	1
13	Complete Genome Sequence of <i>Luteitalea</i> sp. Strain TBR-22. Microbiology Resource Announcements, 2022, 11, e0045521.	0.6	1
14	Hemiacetal-less rapamycin derivatives designed and produced by genetic engineering of a type I polyketide synthase. Scientific Reports, 2021, 11, 9944.	3.3	0
15	A novel methymycin analog, 12-ketomethymycin N-oxide, produced by the heterologous expression of the large pikromycin/methymycin biosynthetic gene cluster of Streptomyces sp. AM4900. Bioscience, Biotechnology and Biochemistry, 2021, 85, 890-894.	1.3	0