

# Junko Hashimoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4230246/publications.pdf>

Version: 2024-02-01

15  
papers

549  
citations

1039880

9  
h-index

1125617

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

803  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Draft Genome Sequence of Bryobacteraceae Strain F-183. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045321.  | 0.3 | 1         |
| 2  | Complete Genome Sequence of <i>Luteitalea</i> sp. Strain TBR-22. <i>Microbiology Resource Announcements</i> , 2022, 11, e0045521.  | 0.3 | 1         |
| 3  | 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         |
| 4  | 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         |
| 5  | Novel Plant-Associated Acidobacteria Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021, 9, 1133.  | 1.6 | 26        |
| 6  | 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         |
| 7  | 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        |
| 8  | 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        |
| 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 | 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        |
| 12 | 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       |
| 13 | 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        |
| 14 | 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        |
| 15 | 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       |