

Yohei Iizaka

List of Publications by Year in descending order

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9
papers

76
citations

1684188
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1474206
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9
docs citations

9
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of rosamicin derivatives in <i>Micromonospora rosaria</i> by introduction of d-mycinosyl biosynthetic gene with λ C31-derived integration vector pSET152. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 1013-1021.	3.0	17
2	Function of Cytochrome P450 Enzymes RosC and RosD in the Biosynthesis of Rosamicin Macrolide Antibiotic Produced by <i>Micromonospora rosaria</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1529-1531.	3.2	16
3	Isolation and characterization of 23-O-mycinosyl-20-dihydro-rosamicin: a new rosamicin analogue derived from engineered <i>Micromonospora rosaria</i> . <i>Journal of Antibiotics</i> , 2010, 63, 325-328.	2.0	12
4	Cytochrome P450 enzyme RosC catalyzes a multistep oxidation reaction to form the non-active compound 20-carboxyrosamicin. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	8
5	An overview of the cytochrome P450 enzymes that catalyze the same-site multistep oxidation reactions in biotechnologically relevant selected actinomycete strains. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2647-2661.	3.6	8
6	Artificial control of the multistep oxidation reactions catalyzed by the cytochrome P450 enzyme RosC. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3403-3415.	3.6	4
7	<i>Actinocatenispora comari</i> sp. nov., an endophytic actinomycete isolated from aerial parts of <i>Comarum salesowianum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	4
8	Engineering sequence and selectivity of late-stage C-H oxidation in the MycG iterative cytochrome P450. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2022, 49, .	3.0	4
9	A new mycinosyl rosamicin derivative produced by an engineered <i>Micromonospora rosaria</i> mutant with a cytochrome P450 gene disruption introducing the d-mycinosyl biosynthetic gene. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1451-1456.	3.0	3