

Konstantin V Lavrov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A new acylamidase from <i>Rhodococcus erythropolis</i> TA37 can hydrolyze N-substituted amides. <i>Biochemistry (Moscow)</i> , 2010, 75, 1006-1013.	1.5	18
2	New <i>cblA</i> gene participates in regulation of cobalt-dependent transcription of nitrile hydratase genes in <i>Rhodococcus rhodochrous</i> . <i>Research in Microbiology</i> , 2018, 169, 227-236.	2.1	12
3	<i>In vivo</i> metal selectivity of metal-dependent biosynthesis of cobalt-type nitrile hydratase in <i>Rhodococcus</i> bacteria: a new look at the nitrile hydratase maturation mechanism?. <i>Metallomics</i> , 2019, 11, 1162-1171.	2.4	10
4	Expression of acylamidase gene in <i>Rhodococcus erythropolis</i> strains. <i>Russian Journal of Genetics</i> , 2014, 50, 1003-1007.	0.6	8
5	Novel biocatalytic process of N-substituted acrylamide synthesis. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 702-705.	0.9	6
6	Optimization of the Expression of Nitrilase from <i>Alcaligenes denitrificans</i> in <i>Rhodococcus rhodochrous</i> to Improve the Efficiency of Biocatalytic Synthesis of Ammonium Acrylate. <i>Applied Biochemistry and Microbiology</i> , 2019, 55, 861-869.	0.9	6
7	Cloning of new acylamidase gene from <i>Rhodococcus erythropolis</i> and its expression in <i>Escherichia coli</i> . <i>Russian Journal of Genetics</i> , 2013, 49, 1078-1081.	0.6	5
8	A Set of Active Promoters with Different Activity Profiles for Superexpressing <i>Rhodococcus</i> Strain. <i>ACS Synthetic Biology</i> , 2021, 10, 515-530.	3.8	5
9	Bacterial Strain <i>Alcaligenes denitrificans</i> C-32 Containing Two Nitrilases with Different Substrate Specificities. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 786-791.	0.9	4
10	Draft Genome Sequence of <i>Rhodococcus</i> sp. Strain M8, Which Can Degrade a Broad Range of Nitriles. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
11	Draft Genome Sequence of <i>Rhodococcus erythropolis</i> HX7, a Psychrotolerant Soil-Derived Oil Degradator. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	3
12	<i>Rhodococcus</i> : sequences of genetic parts, analysis of their functionality, and development prospects as a molecular biology platform. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 835-850.	9.0	3
13	Cloning and analysis of a new aliphatic amidase gene from <i>Rhodococcus erythropolis</i> TA37. <i>Russian Journal of Genetics</i> , 2014, 50, 1009-1016.	0.6	2
14	Complete Genome Sequence of <i>Rhodococcus</i> sp. Strain M8, a Platform Strain for Acrylic Monomer Production. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	2
15	Draft Genome Sequence of <i>Rhodococcus qingshengii</i> (Formerly <i>erythropolis</i>) TA37, a First-Generation Biocatalyst for Synthesis of Functionalized Acrylamides. <i>Microbiology Resource Announcements</i> , 2021, 10, e0105721.	0.6	0