

Daisuke Hira

List of Publications by Year in descending order

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11
papers

453
citations

1307594

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1281871

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all docs

11
docs citations

11
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological characterization of anaerobic ammonium oxidizing bacterium <i>Candidatus Nitrososphaera caeni</i> TM . <i>Environmental Microbiology</i> , 2015, 17, 2172-2189.	17.8	203
2	Anammox organism KSU-1 expresses a NirK-type copper-containing nitrite reductase instead of a NirS-type with cytochrome <i>cd</i> ₁ . <i>FEBS Letters</i> , 2012, 586, 1658-1663.	2.8	127
3	Nitric Oxide Production from Nitrite Reduction and Hydroxylamine Oxidation by Copper-containing Dissimilatory Nitrite Reductase (NirK) from the Aerobic Ammonia-oxidizing Archaeon, <i>Nitrososphaera viennensis</i> . <i>Microbes and Environments</i> , 2018, 33, 428-434.	1.6	31
4	Impact of aerobic acclimation on the nitrification performance and microbial community of landfill leachate sludge. <i>Journal of Environmental Management</i> , 2018, 209, 188-194.	7.8	22
5	Reduction of nitric oxide catalyzed by hydroxylamine oxidoreductase from an anammox bacterium. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 616-621.	2.2	20
6	Enhancement of anammox performance in a novel non-woven fabric membrane bioreactor (nMBR). <i>RSC Advances</i> , 2015, 5, 86875-86884.	3.6	20
7	A heterodimeric cytochrome <i>c</i> complex with a very low redox potential from an anaerobic ammonium-oxidizing enrichment culture. <i>FEMS Microbiology Letters</i> , 2010, 313, 61-67.	1.8	16
8	Unique hexameric structure of copper-containing nitrite reductase of an anammox bacterium KSU-1. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 654-660.	2.1	6
9	Anammox Organism KSU-1 Expresses a Novel His/DOPA Ligated Cytochrome <i>c</i> . <i>Journal of Molecular Biology</i> , 2018, 430, 1189-1200.	4.2	3
10	Structural basis for the core-mannan biosynthesis of cell wall fungal-type galactomannan in <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 15407-15417.	3.4	3
11	Immunohistochemical Pharmacokinetics of the Anti-diabetes Drug Alogliptin in Rat Kidney and Liver. <i>Acta Histochemica Et Cytochemica</i> , 2020, 53, 55-60.	1.6	2