

Sungmin Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

157
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Archaeal Tuc1/Ncs6 Homolog Required for Wobble Uridine tRNA Thiolation Is Associated with Ubiquitin-Proteasome, Translation, and RNA Processing System Homologs. <i>PLoS ONE</i> , 2014, 9, e99104.	2.5	32
2	Identification and Characterization of MalA in the Maltose/Maltodextrin Operon of <i>Sulfolobus acidocaldarius</i> DSM639. <i>Journal of Bacteriology</i> , 2013, 195, 1789-1799.	2.2	22
3	Multiplex quantitative SILAC for analysis of archaeal proteomes: a case study of oxidative stress responses. <i>Environmental Microbiology</i> , 2018, 20, 385-401.	3.8	21
4	Characterization of the catalytic and kinetic properties of a thermostable <i>Thermoplasma acidophilum</i> α -glucosidase and its transglucosylation reaction with arbutin. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 72, 305-312.	1.8	19
5	A Cobalamin Activity-Based Probe Enables Microbial Cell Growth and Finds New Cobalamin-Protein Interactions across Domains. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	15
6	Conserved active site cysteine residue of archaeal THI4 homolog is essential for thiamine biosynthesis in <i>Haloferax volcanii</i> . <i>BMC Microbiology</i> , 2014, 14, 260.	3.3	14
7	GlpR Is a Direct Transcriptional Repressor of Fructose Metabolic Genes in <i>Haloferax volcanii</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	14
8	ThiN as a Versatile Domain of Transcriptional Repressors and Catalytic Enzymes of Thiamine Biosynthesis. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	11
9	Molecular Factors of Hypochlorite Tolerance in the Hypersaline Archaeon <i>Haloferax volcanii</i> . <i>Genes</i> , 2018, 9, 562.	2.4	5
10	Improvement of a <i>Sulfolobus</i> - <i>E. coli</i> Shuttle Vector for Heterologous Gene Expression in <i>Sulfolobus acidocaldarius</i> . <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 196-205.	2.1	4
11	Determining the association of the TrmB-like protein OxsR to chromatin binding and oxidative stress in <i>Haloferax volcanii</i> . <i>FASEB Journal</i> , 2019, 33, 777.17.	0.5	0