Jeong K Lee

List of Publications by Year
in descending order

24 papers	677 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	695 citing authors

#	Article	IF	Citations
1	Sustainability of in vitro light-dependent NADPH generation by the thylakoid membrane of Synechocystis sp. PCC6803. Microbial Cell Factories, 2022, 21, .	4.0	4
2	Production of long-chain free fatty acids from metabolically engineered Rhodobacter sphaeroides heterologously producing periplasmic phospholipase A2 in dodecane-overlaid two-phase culture. Microbial Cell Factories, 2019, 18, 20.	4.0	3
3	Biochemical characterization of protoporphyrinogen dehydrogenase and protoporphyrin ferrochelatase of Vibrio vulnificus and the critical complex formation between these enzymes. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2674-2687.	2.4	6
4	The ferredoxin Rr-HydB is required for the H2-evolving activity of Rr-HydA, a [FeFe]-hydrogenase of Rhodospirillum rubrum. International Journal of Hydrogen Energy, 2015, 40, 4320-4328.	7.1	2
5	Role of <scp>HemF</scp> and <scp>HemN</scp> in the heme biosynthesis of <scp><i>V</i></scp><i>ibrio vulnificus</i> under <scp>S</scp>â€adenosylmethionineâ€limiting conditions. Molecular Microbiology, 2015, 96, 497-512.	2.5	8
6	Effect of Changes in the Composition of Cellular Fatty Acids on Membrane Fluidity of Rhodobacter sphaeroides. Journal of Microbiology and Biotechnology, 2015, 25, 162-173.	2.1	9
7	Enhanced photo-fermentative H2 production using Rhodobacter sphaeroides by ethanol addition and analysis of soluble microbial products. Biotechnology for Biofuels, 2014, 7, 79.	6.2	20
8	Peroxidase and Photoprotective Activities of Magnesium Protoporphyrin IX. Journal of Microbiology and Biotechnology, 2014, 24, 36-43.	2.1	5
9	The photoheterotrophic H2 evolution of Rhodobacter sphaeroides is enhanced in the presence of ethanol. International Journal of Hydrogen Energy, 2012, 37, 15886-15892.	7.1	8
10	Effect of carbon and nitrogen sources on photo-fermentative H2 production associated with nitrogenase, uptake hydrogenase activity, and PHB accumulation in Rhodobacter sphaeroides KD131. Bioresource Technology, 2012, 116, 179-183.	9.6	57
11	Enhancing photo-fermentative hydrogen production by Rhodobacter sphaeroides KD131 and its PHB synthase deleted-mutant from acetate and butyrate. International Journal of Hydrogen Energy, 2011, 36, 13964-13971.	7.1	49
12	Competitive Inhibitions of the Chlorophyll Synthase of <i>Synechocystis</i> sp. Strain PCC 6803 by Bacteriochlorophyllide <i>a</i> and the Bacteriochlorophyll Synthase of <i>Rhodobacter sphaeroides</i> by Chlorophyllide <i>a</i>. Journal of Bacteriology, 2010, 192, 198-207.	2.2	14
13	Complete Genome Sequence of <i>Rhodobacter sphaeroides</i> KD131. Journal of Bacteriology, 2009, 191, 1118-1119.	2.2	30
14	Growth arrest of <i>Synechocystis</i> sp. PCC6803 by superoxide generated from heterologously expressed <i>Rhodobacter sphaeroides</i> chlorophyllide <i>a</i> reductase. FEBS Letters, 2009, 583, 219-223.	2.8	11
15	Molecular hydrogen production by nitrogenase of Rhodobacter sphaeroides and by Fe-only hydrogenase of Rhodospirillum rubrum. International Journal of Hydrogen Energy, 2008, 33, 1516-1521.	7.1	63
16	Hydrogen evolution under photoheterotrophic and dark fermentative conditions by recombinant Rhodobacter sphaeroides containing the genes for fermentative pyruvate metabolism of Rhodospirillum rubrum. International Journal of Hydrogen Energy, 2008, 33, 5131-5136.	7.1	34
17	Superoxide Generation by Chlorophyllide a Reductase of Rhodobacter sphaeroides. Journal of Biological Chemistry, 2008, 283, 3718-3730.	3.4	18
18	Comparison of H2H2 accumulation by Rhodobacter sphaeroides KD131 and its uptake hydrogenase and PHB synthase deficient mutant. International Journal of Hydrogen Energy, 2006, 31, 121-127.	7.1	138

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19	Effect of changes in the level of light harvesting complexes of Rhodobacter sphaeroides on the photoheterotrophic production of hydrogen. International Journal of Hydrogen Energy, 2006, 31, 531-538.	7.1	43
20	Lysine Decarboxylase Expression by Vibrio vulnificus Is Induced by SoxR in Response to Superoxide Stress. Journal of Bacteriology, 2006, 188, 8586-8592.	2.2	48
21	Induction of Manganese-Containing Superoxide Dismutase Is Required for Acid Tolerance in Vibrio vulnificus. Journal of Bacteriology, 2005, 187, 5984-5995.	2.2	40
22	Characterization of Cu- and Zn-containing superoxide dismutase ofRhodobacter sphaeroides. FEMS Microbiology Letters, 2004, 234, 261-267.	1.8	15
23	The Protein Complex Composed of Nickel-binding SrnQ and DNA Binding Motif-bearing SrnR of Streptomyces griseusRepresses sodF Transcription in the Presence of Nickel. Journal of Biological Chemistry, 2003, 278, 18455-18463.	3.4	34
24	Identification of cis site involved in nickel-responsive transcriptional repression of sodF gene coding for Fe- and Zn-containing superoxide dismutase of Streptomyces griseus. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1493, 200-207.	2.4	18