Dongbin Lim

List of Publications by Year
in descending order

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26	940	623734	580821
papers	citations	14	25
		h-index	g-index

26	26	26	960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reverse transcriptase-dependent synthesis of a covalently linked, branched DNA-RNA compound in E. coli B. Cell, 1989, 56, 891-904.	28.9	135
2	Isolation and Characterization of Toluene-Sensitive Mutants from the Toluene-Resistant Bacterium Pseudomonas putida GM73. Journal of Bacteriology, 1998, 180, 3692-3696.	2.2	130
3	A Chinese Cabbage cDNA with High Sequence Identity to Phospholipid Hydroperoxide Glutathione Peroxidases Encodes a Novel Isoform of Thioredoxin-dependent Peroxidase. Journal of Biological Chemistry, 2002, 277, 12572-12578.	3.4	106
4	Binding of the arginine repressor of Escherichia coli K12 to its operator sites. Journal of Molecular Biology, 1992, 226, 387-397.	4.2	93
5	Defining the plant disulfide proteome. Electrophoresis, 2004, 25, 532-541.	2.4	79
6	Proteomic analysis revealed a strong association of a high level of ?1-antitrypsin in gastric juice with gastric cancer. Proteomics, 2004, 4, 3343-3352.	2.2	58
7	Multicopy singleâ€stranded DNA of Escherichia coli enhances mutation and recombination frequencies by titrating MutS protein. Molecular Microbiology, 1996, 19, 505-509.	2.5	50
8	Multicopy singleâ€stranded DNAs with mismatched base pairs are mutagenic in Escherichia coli. Molecular Microbiology, 1994, 14, 437-441.	2.5	38
9	Explanation for different types of regulation of arginine biosynthesis in Escherichia coli B and Escherichia coli K12 caused by a difference between their arginine repressors. Journal of Molecular Biology, 1994, 235, 221-230.	4.2	38
10	Structure and biosynthesis of unbranched multicopy single-stranded DNA by reverse transcriptase in a clinical Eschehchia coli isolate. Molecular Microbiology, 1992, 6, 3531-3542.	2.5	36
11	A Novel Retron That Produces RNA-less msDNA inEscherichia coliUsing Reverse Transcriptase. Plasmid, 1997, 38, 25-33.	1.4	22
12	Argonaute system of Kordia jejudonensis is a heterodimeric nucleic acid-guided nuclease. Biochemical and Biophysical Research Communications, 2020, 525, 755-758.	2.1	19
13	Purification and characterization of recombinant human endothelin receptor type A. Protein Expression and Purification, 2012, 84, 14-18.	1.3	18
14	Proteomic analysis of heat-stable proteins in Escherichia coli. BMB Reports, 2008, 41, 108-111.	2.4	18
15	Characterization of cell death in Escherichia coli mediated by XseA, a large subunit of exonuclease VII. Journal of Microbiology, 2015, 53, 820-828.	2.8	17
16	Evaluation of parameters in peptide mass fingerprinting for protein identification by MALDI-TOF mass spectrometry. Molecules and Cells, 2002, 13, 175-84.	2.6	17
17	Bacterially expressed human serotonin receptor 3A is functionally reconstituted in proteoliposomes. Protein Expression and Purification, 2013, 88, 190-195.	1.3	13
18	Isolation and Characterization of Host Mutants Defective in msDNA Synthesis: Role of Ribonuclease H in msDNA Synthesis. Plasmid, 1995, 33, 235-238.	1.4	11

#	Article	IF	Citations
19	An SOS-inducible defective retronphage (?R86) in Escherichia coli strain B. Molecular Microbiology, 1992, 6, 2815-2824.	2.5	9
20	Bacteriophage membrane protein P9 as a fusion partner for the efficient expression of membrane proteins in Escherichia coli. Protein Expression and Purification, 2015, 116, 12-18.	1.3	8
21	Overexpression of outer membrane protein OprT and increase of membrane permeability in phoU mutant of toluene-tolerant bacterium Pseudomonas putida GM730. Journal of Microbiology, 2009, 47, 557-562.	2.8	7
22	Analysis of a Retron EC86 and EC67 Insertion Site in Escherichia coli. Plasmid, 1995, 34, 58-61.	1.4	6
23	A proteomic approach to study msDNA function in Escherichia coli. Journal of Microbiology, 2004, 42, 200-4.	2.8	5
24	Development of a simple cell lysis method for recombinant DNA using bacteriophage lambda lysis genes. Journal of Microbiology, 2007, 45, 593-6.	2.8	4
25	Compiling Multicopy Single-Stranded DNA Sequences from Bacterial Genome Sequences. Genomics and Informatics, 2016, 14, 29.	0.8	3
26	Construction and characterization of heterozygous diploid Escherichia coli. Korean Journal of Microbiology, 2016, 52, 406-414.	0.2	0