

The Independent cue and cus Systems Confer Copper Tolerance to Escherichia coli Anaerobic Growth

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Crystal structure and electron transfer kinetics of CueO, a multicopper oxidase required for copper homeostasis in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2766-2771.	3.3	296
2	Identification by RNA Profiling and Mutational Analysis of the Novel Copper Resistance Determinants CrdA (HP1326), CrdB (HP1327), and CzcB (HP1328) in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2002, 184, 6700-6708.	1.0	26
3	Understanding the mechanism and function of copper P-type ATPases. <i>Advances in Protein Chemistry</i> , 2002, 60, 123-150.	4.4	31
4	Copper-Dependent Iron Assimilation Pathway in the Model Photosynthetic Eukaryote <i>Chlamydomonas reinhardtii</i> . <i>Eukaryotic Cell</i> , 2002, 1, 736-757.	3.4	184
5	Regulation of <i>Saccharomyces cerevisiae</i> FET4 by Oxygen and Iron. <i>Journal of Molecular Biology</i> , 2002, 318, 251-260.	2.0	60
6	Spectroscopy of Cu(II)-PcoC and the Multicopper Oxidase Function of PcoA, Two Essential Components of <i>Escherichia coli</i> pcoCopper Resistance Operon. <i>Biochemistry</i> , 2002, 41, 10046-10055.	1.2	92
7	An antiport mechanism for a member of the cation diffusion facilitator family: divalent cations efflux in exchange for K ⁺ and H ⁺ . <i>Molecular Microbiology</i> , 2002, 45, 145-153.	1.2	131
8	The multicopper oxidase of <i>Pseudomonas aeruginosa</i> is a ferroxidase with a central role in iron acquisition. <i>Molecular Microbiology</i> , 2002, 45, 1741-1750.	1.2	95
9	Flexibility in monomeric Cu,Zn superoxide dismutase detected by limited proteolysis and molecular dynamics simulation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 47, 513-520.	1.5	20
10	Atypical laccase isoenzymes from copper supplemented <i>Pleurotus ostreatus</i> cultures. <i>Enzyme and Microbial Technology</i> , 2003, 33, 220-230.	1.6	119
11	Efflux-mediated heavy metal resistance in prokaryotes. <i>FEMS Microbiology Reviews</i> , 2003, 27, 313-339.	3.9	1,214
12	<i>Escherichia coli</i> mechanisms of copper homeostasis in a changing environment. <i>FEMS Microbiology Reviews</i> , 2003, 27, 197-213.	3.9	608
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15	Molecular Basis of Metal-Ion Selectivity and Zeptomolar Sensitivity by CueR. <i>Science</i> , 2003, 301, 1383-1387.	6.0	598
16	The PcoC Copper Resistance Protein Coordinates Cu(I) via Novel S-Methionine Interactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 342-343.	6.6	60
17	Measurement of cytoplasmic copper, silver, and gold with a lux biosensor shows copper and silver, but not gold, efflux by the CopA ATPase of <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2003, 546, 391-394.	1.3	66
18	Cuprous oxidase activity of yeast Fet3p and human ceruloplasmin: implication for function. <i>FEBS Letters</i> , 2003, 554, 422-426.	1.3	112

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57	A new ferrous iron-uptake transporter, EfeU (YcdN), from <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2006, 62, 120-131.	1.2	131
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