

Intracellular Copper Does Not Catalyze the Formation of *Escherichia coli*

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Dissecting the Salmonella response to copper. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2989-2997.	0.7	88
3	Three novel highly charged copper-based biocides: safety and efficacy against healthcare-associated organisms. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 294-299.	1.3	65
4	A Common Mechanism of Cellular Death Induced by Bactericidal Antibiotics. <i>Cell</i> , 2007, 130, 797-810.	13.5	2,334
5	Copper incorporation into recombinant CotA laccase from <i>Bacillus subtilis</i> : characterization of fully copper loaded enzymes. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 183-193.	1.1	173
6	<i>Borrelia burgdorferi</i> membranes are the primary targets of reactive oxygen species. <i>Molecular Microbiology</i> , 2008, 68, 786-799.	1.2	87
7	Predicting How Polyphenol Antioxidants Prevent DNA Damage by Binding to Iron. <i>Inorganic Chemistry</i> , 2008, 47, 6153-6161.	1.9	107
8	Periplasmic Cu,Zn superoxide dismutase and cytoplasmic Dps concur in protecting <i>Salmonella enterica</i> serovar Typhimurium from extracellular reactive oxygen species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 226-232.	1.1	37
9	Direct Metal Transfer between Periplasmic Proteins Identifies a Bacterial Copper Chaperone. <i>Biochemistry</i> , 2008, 47, 11408-11414.	1.2	117
10	Characterization of the CopR Regulon of <i>Lactococcus lactis</i> IL1403. <i>Journal of Bacteriology</i> , 2008, 190, 536-545.	1.0	71
11	Glutathione and Transition-Metal Homeostasis in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008, 190, 5431-5438.	1.0	186
12	Intracellular Copper Accumulation Enhances the Growth of <i>Kineococcus radiotolerans</i> during Chronic Irradiation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1376-1384.	1.4	25
13	<i>Escherichia coli</i> heat-shock proteins IbpA/B are involved in resistance to oxidative stress induced by copper. <i>Microbiology (United Kingdom)</i> , 2008, 154, 1739-1747.	0.7	58
14	Contribution of Copper Ion Resistance to Survival of <i>Escherichia coli</i> on Metallic Copper Surfaces. <i>Applied and Environmental Microbiology</i> , 2008, 74, 977-986.	1.4	253
15	The iron-sulfur clusters of dehydratases are primary intracellular targets of copper toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8344-8349.	3.3	912
16	<i>Rhodobacter capsulatus</i> Catalyzes Light-Dependent Fe(II) Oxidation under Anaerobic Conditions as a Potential Detoxification Mechanism. <i>Applied and Environmental Microbiology</i> , 2009, 75, 6639-6646.	1.4	53
17	Copper, An Ancient Remedy Returning to Fight Microbial, Fungal and Viral Infections. <i>Current Chemical Biology</i> , 2009, 3, 272-278.	0.2	57
18	Functional and Expression Analyses of the <i>cop</i> Operon, Required for Copper Resistance in <i>Agrobacterium tumefaciens</i> . <i>Journal of Bacteriology</i> , 2009, 191, 5159-5168.	1.0	22
19	Site-Directed Mutagenesis Identifies a Molecular Switch Involved in Copper Sensing by the Histidine Kinase CinS in <i>Pseudomonas putida</i> KT2440. <i>Journal of Bacteriology</i> , 2009, 191, 5304-5311.	1.0	16

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21	A Review of the Antioxidant Mechanisms of Polyphenol Compounds Related to Iron Binding. Cell Biochemistry and Biophysics, 2009, 53, 75-100.	0.9	994
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30	The Dps protein of Escherichia coli is involved in copper homeostasis. Microbiological Research, 2010, 165, 108-115.	2.5	26
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39	Isolation and Characterization of Bacteria Resistant to Metallic Copper Surfaces. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1341-1348.	1.4	132
40	Chaperone-mediated copper handling in the periplasm. <i>Natural Product Reports</i> , 2010, 27, 711.	5.2	68
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50	The copper regulon of the human fungal pathogen <i>Cryptococcus neoformans</i> H99. <i>Molecular Microbiology</i> , 2011, 81, 1560-1576.	1.2	105
51	Quantitative proteomic profiling of the <i>Escherichia coli</i> response to metallic copper surfaces. <i>BioMetals</i> , 2011, 24, 429-444.	1.8	44
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59	Responses of Lactic Acid Bacteria to Heavy Metal Stress. , 2011, , 163-195.		13
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80	Spectroscopic characterization of copper(I) binding to apo and metal-reconstituted zinc finger peptides. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 669-678.	1.1	21
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108	Biocidal Mechanisms of Metallic Copper Surfaces. , 2014, , 103-136.		1
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111	In vitro evaluation of the fermentative, antioxidant, and anti-inflammation properties of <i>Lactococcus lactis</i> subsp. <i>lactis</i> BF3 and <i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> BF7 isolated from <i>Oncorhynchus keta</i> intestines in Rausu, Japan. <i>Journal of Functional Foods</i> , 2014, 11, 269-277.	1.6	21
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119	Metal-mediated DNA damage and cell death: mechanisms, detection methods, and cellular consequences. <i>Metallomics</i> , 2014, 6, 1358-1381.	1.0	81
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141	A Matter of Timing: Contrasting Effects of Hydrogen Sulfide on Oxidative Stress Response in <i>Shewanella oneidensis</i> . <i>Journal of Bacteriology</i> , 2015, 197, 3563-3572.	1.0	44
142	A copper-induced quinone degradation pathway provides protection against combined copper/quinone stress in <i>Lactococcus lactis</i> ... <i>Molecular Microbiology</i> , 2015, 95, 645-659.	1.2	16
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