

# Interference of chromium with biological systems in ye

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Chromate toxicity and the role of sulfur. <i>Metallomics</i> , 2011, 3, 1119.	1.0	45
3	Characterization of a Cr(VI)-sensitive <i>Pseudomonas corrugata</i> 28 mutant impaired in a pyridine nucleotide transhydrogenase gene. <i>Research in Microbiology</i> , 2011, 162, 747-755.	1.0	12
4	Resistance of Chromated Zinc Coatings to the Impact of Microscopic Fungi. <i>Medziagotyra</i> , 2011, 17, 20-26.	0.1	1
5	A Series of Cr(III) Coordination Supramolecules: Synthesis, Structure and Study of Surface Electron Behaviors. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 15-24.	1.9	2
6	The <i>abc1</i> $\Delta$ / <i>coq8</i> $\Delta$ respiratory-deficient mutant of <i>Schizosaccharomyces pombe</i> suffers from glutathione underproduction and hyperaccumulates Cd <sup>2+</sup> . <i>Folia Microbiologica</i> , 2011, 56, 353-359.	1.1	12
7	Fate of Cr(VI) from a Coating in an Electrolyte with Microorganisms. <i>Journal of the Electrochemical Society</i> , 2012, 159, C530-C538.	1.3	2
8	Regulation of patulin-induced oxidative stress processes in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Food and Chemical Toxicology</i> , 2012, 50, 3792-3798.	1.8	26
10	Indigenous microorganisms as potential bioremediators for environments contaminated with heavy metals. <i>International Biodeterioration and Biodegradation</i> , 2012, 69, 28-37.	1.9	106
11	Bacterial diversity in Cr(VI) and Cr(III)-contaminated industrial wastewaters. <i>Extremophiles</i> , 2012, 16, 285-296.	0.9	34
12	Potential of newly isolated bacterial strains for simultaneous removal of hexavalent chromium and reactive black 5 azo dye from tannery effluent. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1506-1513.	1.6	55
13	Textile-dye polluted waters as a source for selecting chromate-reducing yeasts through Cr(VI)-enriched microcosms. <i>International Biodeterioration and Biodegradation</i> , 2013, 79, 28-35.	1.9	21
14	Modelling of biological Cr(VI) removal in draw-fill reactors using microorganisms in suspended and attached growth systems. <i>Water Research</i> , 2013, 47, 623-636.	5.3	64
15	Current Aspects of Metal Resistant Bacteria in Bioremediation: From Genes to Ecosystem. , 2013, , 289-311.		5
16	Microbial Reduction of Hexavalent Chromium as a Mechanism of Detoxification and Possible Bioremediation Applications. , 0, , .		23
17	Hexavalent Molybdenum Reduction to Mo-Blue by a Sodium-Dodecyl-Sulfate-Degrading <i>Klebsiella oxytoca</i> Strain DRY14. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	22
18	Synthesis and Surface Photoelectric Properties of a Trinuclear Chromium(III) Complex. <i>Applied Mechanics and Materials</i> , 2013, 275-277, 2010-2013.	0.2	1
19	â€” Cultural Factors Affecting Heavy Metals Removal by Actinobacteria. , 2013, , 34-51.		0
20	Regulation of the unbalanced redox state in a <i>Schizosaccharomyces pombe</i> tert-butyl hydroperoxide-resistant mutant. <i>Acta Biologica Hungarica</i> , 2014, 65, 218-226.	0.7	0

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21	Butyl hydroperoxide-induced differing plasma membrane and oxidative stress processes in yeast strains BY4741 and <i>S. cerevisiae</i> . Journal of Basic Microbiology, 2014, 54, S50-62.	1.8	13
22	Molecular mechanisms of Cr(VI) resistance in bacteria and fungi. FEMS Microbiology Reviews, 2014, 38, 633-659.	3.9	250
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24	Regulation of oxidative stress-induced cytotoxic processes of citrinin in the fission yeast <i>Schizosaccharomyces pombe</i> . Toxicon, 2014, 90, 155-166.	0.8	16
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28	Biotreatment of simulated tannery wastewater containing Reactive Black 5, aniline and CrVI using a biochar packed bioreactor. RSC Advances, 2015, 5, 106272-106279.	1.7	20
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36	Influence of Magnetic Field Frequency Generated by Permanent Magnets in Mixed Culture Used for the Treatment of Effluent Contaminated with Chromium. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	5
37	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of <i>Pycnoporus sanguineus</i> during their removal and reduction. Ecotoxicology and Environmental Safety, 2017, 142, 388-398.	2.9	18
38	Hexavalent chromium induced oxidative stress and apoptosis in <i>Pycnoporus sanguineus</i> . Environmental Pollution, 2017, 228, 128-139.	3.7	67

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39	Optimization of Culture Conditions for Growth Associated with Cr(VI) Removal by <i>Wickerhamomyces anomalus</i> M10. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 400-406.	1.3	12
40	Detoxification of hexavalent chromate by growing <i>Paecilomyces lilacinus</i> XLA. <i>Environmental Pollution</i> , 2017, 225, 47-54.	3.7	20
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48	Effect of hexavalent chromium on the biodegradation of tetrabromobisphenol A (TBBPA) by <i>Pycnoporus sanguineus</i> . <i>Chemosphere</i> , 2019, 235, 995-1006.	4.2	10
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56	A Study on Different Bioremediation Approaches to Hexavalent Chromium. <i>Energy, Environment, and Sustainability</i> , 2021, , 57-74.	0.6	1

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73	A review on chromium health hazards and molecular mechanism of chromium bioremediation. <i>Reviews on Environmental Health</i> , 2023, 38, 461-478.	1.1	14
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