

# Heavy metal accumulation by bacteria and other micro

Experientia

46, 834-840

DOI: [10.1007/bf01935534](https://doi.org/10.1007/bf01935534)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Complexing agents from microorganisms. <i>Experientia</i> , 1990, 46, 827-834.	1.2	98
2	In vitro uptake of cadmium by basidiomycetes <i>Pleurotus ostreatus</i> . <i>Biotechnology Letters</i> , 1991, 13, 701-704.	2.2	27
3	Complexes of mycobactin from <i>Mycobacterium smegmatis</i> with scandium, yttrium and lanthanum. <i>Biology of Metals</i> , 1991, 4, 207-210.	1.1	7
4	Biosorption of metal ions by <i>Azotobacter vinelandii</i> . <i>World Journal of Microbiology and Biotechnology</i> , 1992, 8, 319-323.	3.6	15
5	Bacterial biosorption and retention of thorium and uranyl cations by <i>Mycobacterium smegmatis</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 166, 431-440.	1.5	13
6	Immobilisation protocols and effects on Cadmium uptake by <i>Rhizopus arrhizus</i> Biosorbents. <i>Biotechnology Letters</i> , 1993, 7, 739-744.	0.5	20
7	Adsorption of several actinide (Th, U) and lanthanide (La, Eu, Yb) ions by <i>Mycobacterium smegmatis</i> . <i>Applied Microbiology and Biotechnology</i> , 1993, 39, 413.	3.6	84
8	Studies on metal resistance system in <i>Kluyveromyces marxianus</i> . <i>Biological Trace Element Research</i> , 1993, 38, 117-127.	3.5	10
9	The effects of lead-resistant pseudomonads on the growth of <i>Triticum Aestivum</i> seedlings under lead stress. <i>Environmental Pollution</i> , 1993, 81, 179-184.	7.5	30
10	Bacterial consort which enhance the copper tolerance of <i>amphora coffeaeformis</i> . <i>Biofouling</i> , 1993, 7, 285-297.	2.2	1
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12	Biological characterization of a southeast Kansas mining site. <i>Water, Air, and Soil Pollution</i> , 1994, 78, 169-177.	2.4	31
13	Bioaccumulation of metal cations by <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 149-154.	3.6	251
14	Biosorption of cadmium, copper and lead by isolated mother cell walls and whole cells of <i>Chlorella fusca</i> . <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 725-728.	3.6	73
15	Effects of plants and soil microflora on leaching of zinc from mine tailings. <i>Chemosphere</i> , 1994, 29, 1691-1699.	8.2	28
16	Biosorption of heavy metals by <i>Saccharomyces cerevisiae</i> : Effects of nutrient conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 1995, 63, 257-261.	3.2	47
17	Investigations on nickel biosorption and its remobilization. <i>Process Biochemistry</i> , 1995, 30, 729-734.	3.7	27
18	Metal cation uptake by yeast: a review. <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 579-584.	3.6	185

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19	Characterization of bacterial communities in heavy metal contaminated soils. Canadian Journal of Microbiology, 1996, 42, 593-603.	1.7	174
20	A method to increase silver biosorption by an industrial strain of <i>Saccharomyces cerevisiae</i> . Applied Microbiology and Biotechnology, 1996, 45, 278-285.	3.6	71
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30	Effect of heavy-metals on amyolytic activity of the soil yeasts <i>Geotrichum capitatum</i> and <i>Geotrichum candidum</i> . Bioresource Technology, 1998, 66, 213-217.	9.6	12
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39	Cyano-metal complexes uptake by <i>Aspergillus niger</i> . Biotechnology Letters, 1999, 21, 487-490.	2.2	10
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74	The Relationship between pH and Heavy Metal Ion Sorption by Algal Biomass. Adsorption Science and Technology, 2003, 21, 525-537.	3.2	11

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90	Synthesis of Platinum Nanoparticles by Reaction of Filamentous Cyanobacteria with Platinum(IV) Chloride Complex. <i>Langmuir</i> , 2006, 22, 7318-7323.	3.5	153
91	Improvement of rape ( <i>Brassica napus</i> ) plant growth and cadmium uptake by cadmium-resistant bacteria. <i>Chemosphere</i> , 2006, 64, 1036-1042.	8.2	347
92	Potential contribution of arbuscular mycorrhiza to cadmium immobilisation in soil. <i>Chemosphere</i> , 2006, 65, 1959-1965.	8.2	117
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94	Detoxification of chromium slag by chromate resistant bacteria. <i>Journal of Hazardous Materials</i> , 2006, 137, 836-841.	12.4	21

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103	Biological removal of carcinogenic chromium(VI) using mixed <i>Pseudomonas</i> strains. <i>Journal of General and Applied Microbiology</i> , 2007, 53, 71-79.	0.7	19
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124	Simultaneous measurement of S, macronutrients, and heavy metals in the soil microbial biomass with $\text{CHCl}_3$ fumigation and $\text{NH}_4\text{NO}_3$ extraction. <i>Soil Biology and Biochemistry</i> , 2009, 41, 309-314.	8.8	44
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132	The past, present, and future trends of biosorption. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 86-102.	2.6	554
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135	The effect of carbon source on microbial community structure and Cr(VI) reduction rate. <i>Biotechnology and Bioengineering</i> , 2010, 107, 478-487.	3.3	28
136	Isolation and characterization of arsenite oxidizing <i>Pseudomonas lubricans</i> and its potential use in bioremediation of wastewater. <i>African Journal of Biotechnology</i> , 2010, 9, 1493-1498.	0.6	38
137	Bioremediation of Hexavalent Chromium and Tannic Acid in Synthetic Tannery Wastewater Using Free and Calcium Alginate Immobilized Spores and Mycelia of <i>Aspergillus niger</i> and <i>Aspergillus parasiticus</i> . <i>Bioremediation Journal</i> , 2010, 14, 142-149.	2.0	9
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153	Microbial Community Profile of a Lead Service Line Removed from a Drinking Water Distribution System. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5557-5561.	3.1	28
154	Tolerance and Biosorption of Heavy Metals by <i>Cupriavidus metallidurans</i> strain XXKD-1 Isolated from a Subsurface Laneway in the Qixiashan Pb-Zn Sulfide Minery in Eastern China. <i>Geomicrobiology Journal</i> , 2012, 29, 274-286.	2.0	19
156	Biosorption of Cd and Ni by inactivated bacteria isolated from agricultural soil treated with sewage sludge. <i>Ecohydrology and Hydrobiology</i> , 2012, 12, 191-198.	2.3	40
157	Biosorption Potentiality of Living <i>Aspergillus niger</i> Tiegh in Removing Heavy Metal from Aqueous Solution. <i>Bioremediation Journal</i> , 2012, 16, 195-203.	2.0	20
158	The effect of compost and <i>Bacillus licheniformis</i> on the phytoextraction of Cr, Cu, Pb and Zn by three brassicaceae species from contaminated soils in the Apulia region, Southern Italy. <i>Geoderma</i> , 2012, 170, 322-330.	5.1	56
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