Metal bioremediation through growing cells

Environment International 30, 261-278 DOI: 10.1016/j.envint.2003.08.001

Citation Report

#	Article	IF	CITATIONS
1	Combined effects of molasses sucrose and reactive dye on the growth and dye bioaccumulation properties of Candida tropicalis. Process Biochemistry, 2005, 40, 2443-2454.	1.8	88
2	Isolation of hexavalent chromium resistant bacteria from industrial saline effluents and their ability of bioaccumulation. Enzyme and Microbial Technology, 2005, 36, 700-705.	1.6	16
3	Effect of Heavy Metals (Cd, Cu) on the Gametophytes of Laminaria japonica Aresch. Journal of Integrative Plant Biology, 2005, 47, 942-951.	4.1	6
4	Biosorption of heavy metals by a marine bacterium. Marine Pollution Bulletin, 2005, 50, 340-343.	2.3	199

 $_{5}$ Quantification of in situ nutrient and heavy metal remediation by a small pearl oyster (Pinctada) Tj ETQq0 0 0 rgBT [Overlock 10 Tf 50 53]

6	Copper tolerant yeasts isolated from polluted area of Argentina. Journal of Basic Microbiology, 2005, 45, 381-391.	1.8	42
7	Bacterial Cr(VI) Reduction Concurrently Improves Sunflower (Helianthus Annuus L.) Growth. Biotechnology Letters, 2005, 27, 943-947.	1.1	62
8	Role ofL-Histidine in Conferring Tolerance to Ni2+inSacchromyces cerevisiaeCells. Bioscience, Biotechnology and Biochemistry, 2005, 69, 2343-2348.	0.6	14
9	Application of Flow Field Flow Fractionation-ICPMS for the Study of Uranium Binding in Bacterial Cell Suspensions. Analytical Chemistry, 2005, 77, 1393-1397.	3.2	28
10	Heavy-Metal Remediation by a Fungus as a Means of Production of Lead and Cadmium Carbonate Crystals. Langmuir, 2005, 21, 7220-7224.	1.6	76
11	Use of Algae for Removing Heavy Metal Ions From Wastewater: Progress and Prospects. Critical Reviews in Biotechnology, 2005, 25, 113-152.	5.1	665
12	Treatment of Waste from Metal Processing and Electrochemical Industries. , 2005, , 145-155.		1
14	Removal of cadmium and zinc ions from aqueous solution by living Aspergillus niger. Transactions of Nonferrous Metals Society of China, 2006, 16, 681-686.	1.7	87
15	Sequential removal of heavy metals ions and organic pollutants using an algal-bacterial consortium. Chemosphere, 2006, 63, 903-911.	4.2	143
16	Algal–bacterial processes for the treatment of hazardous contaminants: A review. Water Research, 2006, 40, 2799-2815.	5.3	1,210
17	Bioremediation of zinc using Desulfotomaculum nigrificans: Bioprecipitation and characterization studies. Water Research, 2006, 40, 3628-3636.	5.3	88
19	Fungal Biosorption of Heavy Metals. , 0, , 484-532.		3
20	Biological synthesis of metal nanoparticles. Hydrometallurgy, 2006, 83, 132-140.	1.8	591

~		_	
C	ON	12 E D O	DT
<u> </u>		INLEO	IN I

#	Article	IF	CITATIONS
21	Bioaccumulation of reactive dyes by thermophilic cyanobacteria. Process Biochemistry, 2006, 41, 836-841.	1.8	41
22	Changes in Extractability of Cr and Pb in a Polycontaminated Soil After Bioaugmentation With Microbial Producers of Biosurfactants, Organic Acids and Siderophores. Water, Air and Soil Pollution, 2006, 6, 261-279.	0.8	111
23	Screening Possible Mechanisms Mediating Cadmium Resistance in Rhizobium leguminosarum bv. viciae Isolated from Contaminated Portuguese Soils. Microbial Ecology, 2006, 52, 176-186.	1.4	45
24	Microbial production of gold nanoparticles. Gold Bulletin, 2006, 39, 22-28.	3.2	349
25	Microorganisms in inorganic chemical analysis. Analytical and Bioanalytical Chemistry, 2006, 384, 114-123.	1.9	72
26	Removal of lead and copper ions from aqueous solutions by bacterial strain isolated from soil. Chemical Engineering Journal, 2006, 115, 203-211.	6.6	315
27	Biosorption of heavy metals by Saccharomyces cerevisiae: A review. Biotechnology Advances, 2006, 24, 427-451.	6.0	1,096
28	Biosorption effects of copper ions on Candida utilis under negative pressure cavitation. Journal of Environmental Sciences, 2006, 18, 1254-1259.	3.2	18
29	Investigating heavy metal resistance, bioaccumulation and metabolic profile of a metallophile microbial consortium native to an abandoned mine. Science of the Total Environment, 2006, 366, 649-658.	3.9	84
30	A mathematical model ofSaccharomyces cerevisiae growth in response to cadmium toxicity. Journal of Basic Microbiology, 2006, 46, 196-202.	1.8	5
31	Testing the Photosynthetic Bacterium Rhodobacter Sphaeroides as Heavy Metal Removal Tool. Annali Di Chimica, 2006, 96, 195-203.	0.6	39
32	Yeasts in Extreme Environments. , 2006, , 371-417.		53
33	Engineering Plant-Microbe Symbiosis for Rhizoremediation of Heavy Metals. Applied and Environmental Microbiology, 2006, 72, 1129-1134.	1.4	261
34	Dominance of sphingomonads in a copper-exposed biofilm community for groundwater treatment. Microbiology (United Kingdom), 2007, 153, 325-337.	0.7	40
35	Characterisation of heavy metal tolerance and biosorption capacity of bacterium strain CPB4 (Bacillus spp.). Water Science and Technology, 2007, 55, 105-111.	1.2	69
36	Bacteria Metabolically Engineered for Enhanced Phytochelatin Production and Cadmium Accumulation. Applied and Environmental Microbiology, 2007, 73, 6317-6320.	1.4	104
37	Environmental challenge vis a vis opportunity: The case of water hyacinth. Environment International, 2007, 33, 122-138.	4.8	394
38	Characterization of a simple bacterial consortium for effective treatment of wastewaters with reactive dyes and Cr(VI). Chemosphere, 2007, 67, 826-831.	4.2	99

#	Article	IF	CITATIONS
40	Adsorption Potential of Lead(II) Ions from Aqueous Solutions ontoCapsicum annuumSeeds. Separation Science and Technology, 2007, 42, 137-151.	1.3	26
41	Metal stress and the single yeast cell: Berkeley Award Lecture. , 0, , 161-186.		Ο
42	Microbial and plant derived biomass for removal of heavy metals from wastewater. Bioresource Technology, 2007, 98, 2243-2257.	4.8	1,277
43	Inhibitory effects of chromium(VI) and Remazol Black B on chromium(VI) and dyestuff removals by Trametes versicolor. Enzyme and Microbial Technology, 2007, 40, 1167-1174.	1.6	95
44	Simultaneous bioaccumulation of reactive dye and chromium(VI) by using thermophil Phormidium sp Enzyme and Microbial Technology, 2007, 41, 175-180.	1.6	53
45	Sophorolipid biosynthesis by Candida bombicola from industrial fatty acid residues. Enzyme and Microbial Technology, 2007, 40, 316-323.	1.6	140
46	Phycoremediation of heavy metals by the three-color forms of Kappaphycus alvarezii. Journal of Hazardous Materials, 2007, 143, 590-592.	6.5	32
47	Influence of metal ionic characteristics on their biosorption capacity by Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2007, 74, 911-917.	1.7	97
48	Production and Characterization of Siderophores and its Application in Arsenic Removal from Contaminated Soil. Water, Air, and Soil Pollution, 2007, 180, 199-212.	1.1	150
49	Enhancement of emulsifier production by Curvularia lunata in cadmium, zinc and lead presence. BioMetals, 2007, 20, 797-805.	1.8	31
50	Biosorption and bioaccumulation of lead by Penicillium sp. Psf-2 isolated from the deep sea sediment of the Pacific Ocean. Extremophiles, 2007, 11, 853-858.	0.9	39
51	Development and characterization of nickel accumulating mutants of Aspergillus nidulans. Indian Journal of Microbiology, 2007, 47, 241-250.	1.5	9
52	Responses of Rhodotorula sp. Y11 to cadmium. BioMetals, 2008, 21, 613-621.	1.8	18
53	Biosorption of copper by yeast, <i>Loddermyces elongisporus</i> , isolated from industrial effluents: its potential use in wastewater treatment. Journal of Basic Microbiology, 2008, 48, 195-201.	1.8	22
54	Isolation, characterization of heavy metal resistant strain of <i>Pseudomonas aeruginosa</i> isolated from polluted sites in Assiut city, Egypt. Journal of Basic Microbiology, 2008, 48, 168-176.	1.8	44
55	Continuous treatment process of mercury removal from aqueous solution by growing recombinant E. coli cells and modeling study. Journal of Hazardous Materials, 2008, 153, 487-492.	6.5	10
56	Modeling photosynthetically oxygenated biodegradation processes using artificial neural networks. Journal of Hazardous Materials, 2008, 155, 51-57.	6.5	13
57	Metallurgical recovery of metals from electronic waste: A review. Journal of Hazardous Materials, 2008, 158, 228-256.	6.5	1,335

#	Article	IF	CITATIONS
58	Treatment of dye-rich wastewater by an immobilized thermophilic cyanobacterial strain: Phormidium sp Ecological Engineering, 2008, 32, 244-248.	1.6	63
59	Biosorption of metals (Cu2+, Zn2+) and anions (Fâ^', H2PO4â^') by viable and autoclaved cells of the Gram-negative bacterium Shewanella putrefaciens. Colloids and Surfaces B: Biointerfaces, 2008, 65, 126-133.	2.5	63
60	Bioremediation: environmental clean-up through pathway engineering. Current Opinion in Biotechnology, 2008, 19, 437-444.	3.3	159
61	Microalgae immobilization: Current techniques and uses. Bioresource Technology, 2008, 99, 3949-3964.	4.8	380
62	Cadmium, zinc and copper biosorption mediated by Pseudomonas veronii 2E. Bioresource Technology, 2008, 99, 5574-5581.	4.8	209
63	Bioremediation of cadmium by growing Rhodobacter sphaeroides: Kinetic characteristic and mechanism studies. Bioresource Technology, 2008, 99, 7716-7722.	4.8	131
64	Enhancement of bioremediation by Ralstonia sp. HM-1 in sediment polluted by Cd and Zn. Bioresource Technology, 2008, 99, 7458-7463.	4.8	33
65	Preparation and characteristics of novel dialdehyde aminothiazole starch and its adsorption properties for Cu (II) ions from aqueous solution. Carbohydrate Polymers, 2008, 72, 326-333.	5.1	78
66	Copper removal ability byStreptomycesstrains with dissimilar growth patterns and endowed with cupric reductase activity. FEMS Microbiology Letters, 2008, 288, 141-148.	0.7	42
67	Bacterial biosorbents and biosorption. Biotechnology Advances, 2008, 26, 266-291.	6.0	1,466
68	Fungal bioaccumulation of copper, nickel, gold and platinum. Minerals Engineering, 2008, 21, 55-60.	1.8	34
69	Biological removal of Cr (VI) by bacterial isolates obtained from metal contaminated sites. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 419-423.	0.9	8
70	A Preliminary Study of Europium Uptake by Yeast Cells. The Case of Kluveromyces Marxianus. AIP Conference Proceedings, 2008, , .	0.3	2
71	Cleansing contaminated seawaters using marine cyanobacteria: evaluation of trace metal removal from the medium. International Journal of Environmental Analytical Chemistry, 2008, 88, 701-710.	1.8	5
72	Evaluation of Iron on Cadmium Uptake by Lycopersicon. Esculentum Mill. in Hydroponic Culture. , 2008, , .		0
73	Bioremoval of Aqueous Lead UsingLemna Minor. International Journal of Phytoremediation, 2008, 10, 278-288.	1.7	12
74	Trace Metals (Cd, Co, Cr, Cu, Hg, Ni, Pb, and Zn) in Food Supplements of Marine Origin. Human and Ecological Risk Assessment (HERA), 2008, 14, 408-420.	1.7	10
75	Use of Fourier Transform Infrared (FTIR) Spectroscopy to Study Cadmium-Induced Changes in <i>Padina Tetrastromatica</i> (Hauck). Analytical Chemistry Insights, 2008, 3, 117739010800300.	2.7	70

#	Article	IF	CITATIONS
76	Application of a bacterial extracellular polymeric substance in heavy metal adsorption in a co-contaminated aqueous system. Brazilian Journal of Microbiology, 2008, 39, 780-786.	0.8	33
77	Biosorption of Some Heavy Metals from Media with High Salt Concentrations by Halophilic <i>Archaea</i> . Biotechnology and Biotechnological Equipment, 2009, 23, 791-795.	0.5	24
78	Application of two low-cost adsorption media for removal of toxic metals from contaminated water. Water Science and Technology, 2009, 60, 935-942.	1.2	2
79	Cu(II) removal by Rhodotorula mucilaginosa RCL-11 in sequential batch cultures. Water Science and Technology, 2009, 60, 1225-1232.	1.2	4
80	Use of <i>Morus alba–<i>Bombyx mori</i></i> as a Useful Template to Assess Pb Entrance in the Food Chain From Wastewater. Environmental Entomology, 2009, 38, 1276-1282.	0.7	8
81	Metal - Microbes Interactions: beyond Environmental Protection. Advanced Materials Research, 2009, 71-73, 527-532.	0.3	23
82	Microbiological polyphasic approach for soil health evaluation in an Italian polluted site. Science of the Total Environment, 2009, 407, 4954-4964.	3.9	14
83	Biosorbents for heavy metals removal and their future. Biotechnology Advances, 2009, 27, 195-226.	6.0	2,111
84	Magnetiteâ€loaded calciumâ€alginate (MLCA) particles as potential sorbent for removal of Ni(II) from aqueous solution. Journal of Applied Polymer Science, 2009, 114, 475-483.	1.3	2
85	Biosorption of Cd, Cu, Ni, Mn and Zn from aqueous solutions by thermophilic bacteria, Geobacillus toebii sub.sp. decanicus and Geobacillus thermoleovorans sub.sp. stromboliensis: Equilibrium, kinetic and thermodynamic studies. Chemical Engineering Journal, 2009, 152, 195-206.	6.6	195
86	Biosorption of Cu2+ and Zn2+ from aqueous solutions by dried marine green macroalga Chaetomorpha linum. Journal of Environmental Management, 2009, 90, 3485-3489.	3.8	113
87	Toxicity and uptake of Iron ions by Synechocystis sp. E35 isolated from Kucukcekmece Lagoon, Istanbul. Journal of Hazardous Materials, 2009, 171, 710-716.	6.5	25
88	Combined effects of Cu, Cd, Pb, and Zn on the growth and uptake of consortium of Cu-resistant Penicillium sp. A1 and Cd-resistant Fusarium sp. A19. Journal of Hazardous Materials, 2009, 171, 761-766.	6.5	68
89	Single and binary dye and heavy metal bioaccumulation properties of Candida tropicalis: Use of response surface methodology (RSM) for the estimation of removal yields. Journal of Hazardous Materials, 2009, 172, 1512-1519.	6.5	37
90	Screening of biosorption bacteria tolerance towards copper and cadmium from oil sludge pond. Journal of Radioanalytical and Nuclear Chemistry, 2009, 281, 295-298.	0.7	1
91	Effects of a Copper-Resistant Fungus on Copper Adsorption and Chemical Forms in Soils. Water, Air, and Soil Pollution, 2009, 201, 99-107.	1.1	18
92	Bioaccumulation and biosorption efficacy of Trichoderma isolate SP2F1 in removing copper (Cu(II)) from aqueous solutions. World Journal of Microbiology and Biotechnology, 2009, 25, 1431-1437.	1.7	49
93	Bioaccumulation of Arsenic in recombinant Escherichia coli expressing human metallothionein. Biotechnology and Bioprocess Engineering, 2009, 14, 565-570.	1.4	16

#	Article	IF	CITATIONS
94	Iron-Deficiency Induces Cadmium Uptake and Accumulation in Solanum nigrum L Bulletin of Environmental Contamination and Toxicology, 2009, 82, 338-342.	1.3	25
95	Chromium removal from a real tanning effluent by autochthonous and allochthonous fungi. Bioresource Technology, 2009, 100, 2770-2776.	4.8	82
96	Bioremediation of metal contamination in the Plankenburg River, Western Cape, South Africa. International Biodeterioration and Biodegradation, 2009, 63, 559-568.	1.9	22
97	Response of the carotenoidless mutant Rhodobacter sphaeroides growing cells to cobalt and nickel exposure. International Biodeterioration and Biodegradation, 2009, 63, 948-957.	1.9	58
98	Application of response surface methodology (RSM) for optimization of nutrient supplementation for Cr (VI) removal by Aspergillus lentulus AML05. Journal of Hazardous Materials, 2009, 164, 1198-1204.	6.5	137
99	Effect of bio-sludge concentration on the efficiency of sequencing batch reactor (SBR) system to treat wastewater containing Pb2+and Ni2+. Journal of Hazardous Materials, 2009, 166, 356-364.	6.5	14
100	Biosorption equilibria of binary Cd(II) and Ni(II) systems onto Saccharomyces cerevisiae and Ralstonia eutropha cells: Application of response surface methodology. Journal of Hazardous Materials, 2009, 168, 1437-1448.	6.5	65
101	Bacillus cereus as a biotemplating agent for the synthesis of zinc oxide with raspberry- and plate-like structures. Journal of Inorganic Biochemistry, 2009, 103, 1145-1150.	1.5	40
102	Treatment of dye (Remazol Blue) and heavy metals using yeast cells with the purpose of managing polluted textile wastewaters. Ecological Engineering, 2009, 35, 128-134.	1.6	79
103	Predictive expressions of growth and Remazol Turquoise Blue-G reactive dye bioaccumulation properties of Candida utilis. Enzyme and Microbial Technology, 2009, 45, 15-21.	1.6	16
104	Biological features of sorption of U(VII) and strontium ions by Bacillus polymyxa IMV 8910 cells. Journal of Water Chemistry and Technology, 2009, 31, 324-328.	0.2	10
105	Implications of cysteine metabolism in the heavy metal response in Trichoderma harzianum and in three Fusarium species. Chemosphere, 2009, 76, 48-54.	4.2	33
106	Advances in Applied Bioremediation. Soil Biology, 2009, , .	0.6	41
107	SOIL REMEDIATION FROM HEAVY METALS USING MATHEMATICAL MODELLING/SUNKIŲJŲ METALŲ VALYMAS DIRVOŽEMIO REMIANTIS MATEMATINIAIS MODELIAIS/ОЧÐ~ЩЕÐÐ~Е ПОЧВЫ ОТ ТÐ~ЖЕлЫ Landscape Management, 2009, 17, 121-129.	lÅ Đ€∂⊉œĐ•l	∋¢ £ ЛЛÐ≵Ð
108	Soluble proteome investigation of cobalt effect on the carotenoidless mutant ofRhodobacter sphaeroides. Journal of Applied Microbiology, 2009, 106, 338-349.	1.4	16
109	Application of Fungal Waste Biomass Originating from Steroid Hormone Manufacture for Heavy Metals Removal. Acta Universitatis Lodziensis Folia Biologica Et Oecologica, 0, 5, 5-19.	1.0	1
110	Notice of Retraction: Remediation of heavy metals polluted surface water by vermiculite Complex ecosystem filter. , 2010, , .		1
111	Cadmium biosorption properties of the metalâ€resistant <i>Ochrobactrum cytisi</i> Azn6.2. Engineering in Life Sciences, 2010, 10, 49-56.	2.0	22

#	Article	IF	CITATIONS
112	Removing heavy metals from synthetic effluents using "kamikaze―Saccharomyces cerevisiae cells. Applied Microbiology and Biotechnology, 2010, 85, 763-771.	1.7	63
113	Engineering expression of the heavy metal transporter MerC in Saccharomyces cerevisiae for increased cadmium accumulation. Applied Microbiology and Biotechnology, 2010, 86, 753-759.	1.7	19
114	Biosorption of Cd, Cu, Pb, and Zn from aqueous solutions by the fruiting bodies of jelly fungi (Tremella fuciformis and Auricularia polytricha). Applied Microbiology and Biotechnology, 2010, 88, 997-1005.	1.7	27
115	The past, present, and future trends of biosorption. Biotechnology and Bioprocess Engineering, 2010, 15, 86-102.	1.4	554
116	Biosorption of Cadmium, Lead, and Uranium by Powder of Poplar Leaves and Branches. Applied Biochemistry and Biotechnology, 2010, 160, 976-987.	1.4	64
117	Sonoassisted Microbial Reduction of Chromium. Applied Biochemistry and Biotechnology, 2010, 160, 2000-2013.	1.4	42
118	Accumulation of copper in Trichoderma reesei transformants, constructed with the modified Agrobacterium tumefaciens-mediated transformation technique. Biotechnology Letters, 2010, 32, 1815-1820.	1,1	10
119	Effectiveness of Potassium Ferrate (K2FeO4) for Simultaneous Removal of Heavy Metals and Natural Organic Matters from River Water. Water, Air, and Soil Pollution, 2010, 211, 313-322.	1.1	38
120	Effect of Copper(II), Lead(II), and Zinc(II) on Growth and Sporulation of Halophytophthora from Taiwan Mangroves. Water, Air, and Soil Pollution, 2010, 213, 85-93.	1.1	10
121	Molecular characterization of chromium (VI) reducing potential in Gram positive bacteria isolated from contaminated sites. Soil Biology and Biochemistry, 2010, 42, 1857-1863.	4.2	90
122	Cd(II), Pb(II) and Zn(II) Removal from Contaminated Water by Biosorption Using Activated Sludge Biomass. Clean - Soil, Air, Water, 2010, 38, 153-158.	0.7	48
123	Removal of heavy metals and cyanide from gold mine wastewater. Journal of Chemical Technology and Biotechnology, 2010, 85, 590-613.	1.6	179
124	"In situ―phytostabilisation of heavy metal polluted soils using Lupinus luteus inoculated with metal resistant plant-growth promoting rhizobacteria. Journal of Hazardous Materials, 2010, 177, 323-330.	6.5	409
125	Combined effects of sugarcane bagasse extract and synthetic dyes on the growth and bioaccumulation properties of Pichia fermentans MTCC 189. Journal of Hazardous Materials, 2010, 183, 497-505.	6.5	37
126	Acid phosphatase production by Rhizopus delemar: A role played in the Ni(II) bioaccumulation process. Journal of Hazardous Materials, 2010, 184, 632-639.	6.5	14
127	Removal of chromium and nickel from aqueous solution in constructed wetland: Mass balance, adsorption–desorption and FTIR study. Chemical Engineering Journal, 2010, 160, 122-128.	6.6	105
128	Biological synthesis of metal nanoparticles by microbes. Advances in Colloid and Interface Science, 2010, 156, 1-13.	7.0	1,459
129	Effective bioremoval of reactive dye and heavy metals by Aspergillus versicolor. Bioresource Technology, 2010, 101, 870-876.	4.8	198

#	Article	IF	CITATIONS
130	Bioremediation of heavy metals by growing hyperaccumulaor endophytic bacterium Bacillus sp. L14. Bioresource Technology, 2010, 101, 8599-8605.	4.8	320
131	Removal of heavy metal ions from aqueous solutions by a local dairy sludge as a biosorbant. Desalination, 2010, 262, 243-250.	4.0	31
132	Evaluation of Iron on Cadmium Accumulate by Triticum aestivum L. in Hydroponic Culture. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
133	Modeling of Cd Uptake and Efflux Kinetics in Metal-Resistant Bacterium <i>Cupriavidus metallidurans</i> . Environmental Science & Technology, 2010, 44, 4597-4602.	4.6	31
134	Effects of Cu(II) and Zn(II) on growth and cell morphology of thraustochytrids isolated from fallen mangrove leaves in Taiwan. Botanica Marina, 2010, 53, .	0.6	8
135	Early detection of mercury contamination by fluorescence induction of photosynthetic bacteria. Photochemical and Photobiological Sciences, 2010, 9, 1218-1223.	1.6	19
136	Biosorption of As(III) ions from aqueous solution using dry, heatâ€ŧreated and NaOHâ€ŧreated <i>Aspergillus nidulans</i> . Environmental Technology (United Kingdom), 2011, 32, 211-219.	1.2	12
137	Artificial mycorrhization does not influence the effects of iron availability on Fe, Zn, Cu, Pb and Cd accumulation in leaves of a heavy metal tolerant white poplar clone. Plant Biosystems, 2011, 145, 236-240.	0.8	15
138	Legume–Rhizobium Symbioses as a Tool for Bioremediation of Heavy Metal Polluted Soils. Environmental Pollution, 2011, , 95-123.	0.4	58
141	Biomanagement of Metal-Contaminated Soils. Environmental Pollution, 2011, , .	0.4	32
142	Microbial Biosorption of Metals. , 2011, , .		65
143	Microalga-Mediated Bioremediation of Heavy Metal–Contaminated Surface Waters. Environmental Pollution, 2011, , 365-385.	0.4	9
144	Optimized production of Pichia guilliermondii biomass with zinc accumulation by fermentation. Animal Feed Science and Technology, 2011, 163, 33-42.	1.1	9
145	Responses of environmental Amycolatopsis strains to copper stress. Ecotoxicology and Environmental Safety, 2011, 74, 2020-2028.	2.9	33
146	Mechanisms Used by Plant Growth-Promoting Bacteria. , 2011, , 17-46.		134
147	Biosorption: A new rise for elemental solid phase extraction methods. Talanta, 2011, 85, 2290-2300.	2.9	60
148	Use of Biosurfactants in the Removal of Heavy Metal Ions from Soils. Environmental Pollution, 2011, , 183-223.	0.4	15
149	Optimization of Chromium Removal by the Indigenous Bacterium Bacillus spp. REP02 Using the Response Surface Methodology. ISRN Microbiology, 2011, 2011, 1-9.	0.2	14

#	Article	IF	CITATIONS
150	Biological Remediation of Hydrocarbon and Heavy Metals Contaminated Soil. , 2011, , .		28
151	Saccharomyces Cerevisiae as a Tool to Evaluate the Effects of Herbicides on Eukaryotic Life. , 0, , .		1
152	Factors Affecting the Geometry of Silver Nanoparticles Synthesis in <i>Chrysosporium Tropicum</i> and <i>Fusarium Oxysporum</i> . Current Research in Nanotechnology, 2011, 2, 112-121.	0.6	36
153	Role of the Morphology and Polyphosphate in Trichoderma harzianum Related to Cadmium Removal. Molecules, 2011, 16, 2486-2500.	1.7	35
154	Interaction of algal polysaccharide with lipid Langmuir monolayers. Materials Science and Engineering C, 2011, 31, 1857-1860.	3.8	14
155	Bioremoval of trivalent chromium using Bacillus biofilms through continuous flow reactor. Journal of Hazardous Materials, 2011, 196, 44-51.	6.5	30
156	Biosorption of uranium(VI) by bi-functionalized low cost biocomposite adsorbent. Desalination, 2011, 280, 354-362.	4.0	75
157	Genetic expression of bacterial merC fused with plant SNARE in Saccharomyces cerevisiae increased mercury accumulation. Biochemical Engineering Journal, 2011, 56, 137-141.	1.8	10
158	Isolation and characterization of lead-tolerant Ochrobactrum intermedium and its role in enhancing lead accumulation by Eucalyptus camaldulensis. Chemosphere, 2011, 85, 584-590.	4.2	47
159	Characterization of bacterial communities exposed to Cr(III) and Pb(II) in submerged fixed-bed biofilms for groundwater treatment. Ecotoxicology, 2011, 20, 779-792.	1.1	16
160	Multiple metal tolerance and biosorption of cadmium by Candida tropicalis isolated from industrial effluents: glutathione as detoxifying agent. Environmental Monitoring and Assessment, 2011, 174, 585-595.	1.3	60
161	Interfacial interactions of biomaterials in water decontamination applications. Journal of Materials Science, 2011, 46, 6277-6284.	1.7	5
162	Intracellular chromium accumulation by Streptomyces sp. MC1. Water, Air, and Soil Pollution, 2011, 214, 49-57.	1.1	50
163	Hg(II) adsorption by Bacillus mucilaginosus: mechanism and equilibrium parameters. World Journal of Microbiology and Biotechnology, 2011, 27, 1063-1070.	1.7	23
164	Isolation and characterization of a chromium-resistant bacterium Serratia sp. Cr-10 from a chromate-contaminated site. Applied Microbiology and Biotechnology, 2011, 90, 1163-1169.	1.7	59
165	Kinetics and equilibrium studies on biosorption of cadmium, lead, and nickel ions from aqueous solutions by intact and chemically modified brown algae. Journal of Hazardous Materials, 2011, 185, 401-407.	6.5	292
166	Characterization of Cd- and Pb-resistant fungal endophyte Mucor sp. CBRF59 isolated from rapes (Brassica chinensis) in a metal-contaminated soil. Journal of Hazardous Materials, 2011, 185, 717-724.	6.5	98
167	Reduction of hexavalent chromium by Pannonibacter phragmitetus LSSE-09 stimulated with external electron donors under alkaline conditions. Journal of Hazardous Materials, 2011, 185, 1169-1176.	6.5	84

		15	0
#	ARTICLE	IF	CITATIONS
168	Bioremediation of Heavy Metals in Liquid Media Through Fungi Isolated from Contaminated Sources. Indian Journal of Microbiology, 2011, 51, 482-487.	1.5	109
169	Investigations on trivalent arsenic tolerance and removal potential of a facultative marine <i>Aspergillus niger</i> . Environmental Progress and Sustainable Energy, 2011, 30, 586-588.	1.3	5
170	Development of a biological system employing <i>Aspergillus lentulus</i> for Cr removal from a smallâ€scale electroplating industry effluent. Asia-Pacific Journal of Chemical Engineering, 2011, 6, 55-63.	0.8	12
171	Detoxification and accumulation of chromium from tannery effluent and spent chrome effluent by Paecilomyces lilacinus fungi. International Biodeterioration and Biodegradation, 2011, 65, 309-317.	1.9	108
172	Cr (III) bioremoval capacities of indigenous and adapted bacterial strains from Palar river basin. Journal of Hazardous Materials, 2011, 187, 553-561.	6.5	46
173	Effect of multiple metal resistant bacteria from contaminated lake sediments on metal accumulation and plant growth. Journal of Hazardous Materials, 2011, 189, 531-539.	6.5	141
174	Enhancement of cadmium bioremediation by endophytic bacterium Bacillus sp. L14 using industrially used metabolic inhibitors (DCC or DNP). Journal of Hazardous Materials, 2011, 190, 1079-1082.	6.5	30
175	Bioremediation of metal contaminated environment. , 2011, , .		0
176	Biosorption of heavy metals by potassium hydrogen phosphate and sodium oxalate modified lignocellulosic waste. , 2011, , .		1
177	Metal Tolerance and Biosorption Potential of Soil Fungi: Applications for a Green and Clean Water Treatment Technology. , 2011, , 321-361.		5
178	Biosorption of metal ions from aqueous solution and tannery effluent by <i>Bacillus</i> sp. FM1. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 1667-1674.	0.9	31
179	Heavy-Metal Resistance of a France Vineyard Soil Bacterium, Pseudomonas mendocina Strain S5.2, Revealed by Whole-Genome Sequencing. Journal of Bacteriology, 2012, 194, 6366-6366.	1.0	13
180	Isolation and Characterization of Environmental Bacteria Capable of Extracellular Biosorption of Mercury. Applied and Environmental Microbiology, 2012, 78, 1097-1106.	1.4	195
181	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. Geomicrobiology Journal, 2012, 29, 274-286.	1.0	19
182	Evaluation of Trace Metal Levels in Tissues of Two Commercial Fish Species in Kapar and Mersing Coastal Waters, Peninsular Malaysia. Journal of Environmental and Public Health, 2012, 2012, 1-10.	0.4	26
183	- Advanced Oxidation Processes: Basics and Applications. , 2012, , 76-121.		0
184	Simultaneous bioaccumulation of multiple metals from electroplating effluent using Aspergillus lentulus. Water Research, 2012, 46, 4991-4998.	5.3	115
185	Biotechnology of Marine Fungi. Progress in Molecular and Subcellular Biology, 2012, 53, 277-297.	0.9	39

#	Article	IF	CITATIONS
186	Molecular Characterization of Endophytic Bacteria from Metal Hyperaccumulator Aquatic Plant (<i>Eichhornia crassipes</i>) and Its Role in Heavy Metal Removal. Geomicrobiology Journal, 2012, 29, 906-915.	1.0	17
187	Biofilm establishment and heavy metal removal capacity of an indigenous mining algal-microbial consortium in a photo-rotating biological contactor. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1321-1331.	1.4	72
188	Heavy metal tolerance of microorganisms isolated from wastewaters: Identification and evaluation of its potential for biosorption. Chemical Engineering Journal, 2012, 210, 325-332.	6.6	98
189	The removal of heavy metals in wetland microcosms: Effects of bed depth, plant species, and metal mobility. Chemical Engineering Journal, 2012, 211-212, 501-507.	6.6	88
190	Compost as a source of microbial isolates for the bioremediation of heavy metals: In vitro selection. Science of the Total Environment, 2012, 431, 62-67.	3.9	73
191	Exploring Bioaccumulation Efficacy of Trichoderma viride: An Alternative Bioremediation of Cadmium and Lead. The National Academy of Sciences, India, 2012, 35, 299-302.	0.8	21
192	Biosorption Potentiality of Living <i>Aspergillus niger</i> Tiegh in Removing Heavy Metal from Aqueous Solution. Bioremediation Journal, 2012, 16, 195-203.	1.0	20
193	Removal of 17α-ethinylestradiol from a sterile WC medium by the cyanobacteria Microcystis novacekii. Journal of Environmental Monitoring, 2012, 14, 2362.	2.1	8
194	Removal of various pollutants from wastewater by electrocoagulation using iron and aluminium electrode. Desalination and Water Treatment, 2012, 46, 352-358.	1.0	35
195	Cd2+Impact on Metabolic Cells ofSaccharomyces cerevisiaeover an Extended Period and Implications for Bioremediation. Geomicrobiology Journal, 2012, 29, 199-205.	1.0	5
196	Hexavalent Chromium Bioremoval through Adaptation and Consortia Development from Sukinda Chromite Mine Isolates. Industrial & Engineering Chemistry Research, 2012, 51, 3740-3749.	1.8	44
197	Growth, composition and metal removal potential of a Phormidium bigranulatum-dominated mat at elevated levels of cadmium. Aquatic Toxicology, 2012, 116-117, 24-33.	1.9	14
198	Bioaccumulation and biosorption of copper and lead by a unicellular algae Chlamydomonas reinhardtii in single and binary metal systems: A comparative study. Journal of Environmental Management, 2012, 111, 106-114.	3.8	134
199	Green approach for nanoparticle biosynthesis by fungi: current trends and applications. Critical Reviews in Biotechnology, 2012, 32, 49-73.	5.1	334
200	Bioremediation of Arsenic from Contaminated Water. , 2012, , 477-523.		1
201	Biosorption of copper and zinc by immobilised and free algal biomass, and the effects of metal biosorption on the growth and cellular structure of Chlorella sp. and Chlamydomonas sp. isolated from rivers in Penang, Malaysia. Journal of Environmental Sciences, 2012, 24, 1386-1393.	3.2	80
202	Isolation of marine bacteria highly resistant to mercury and their bioaccumulation process. Bioresource Technology, 2012, 121, 342-347.	4.8	76
203	Bioremediation of Zinc Using Bacillus sp. Isolated from Metal-Contaminated Industrial Zone. , 2012, , 11-18.		3

#	Article	IF	CITATIONS
204	Biological Removal and Recovery of Toxic Heavy Metals in Water Environment. Critical Reviews in Environmental Science and Technology, 2012, 42, 1007-1057.	6.6	101
205	Effects of spiked metals on the MSW anaerobic digestion. Waste Management and Research, 2012, 30, 32-48.	2.2	57
206	Resistant Fungal Biodiversity of Electroplating Effluent and Their Metal Tolerance Index. , 2012, , .		3
207	Process optimization and mechanistic studies of lead (II): Aspergillus caespitosus interaction for industrial effluent treatment. African Journal of Biotechnology, 2012, 11, 16142-16157.	0.3	2
208	Arsenic adsorption by Bacterial Extracellular Polymeric Substances. Bangladesh Journal of Microbiology, 2012, 28, 80-83.	0.2	17
209	Metal uptake by microalgae: Underlying mechanisms and practical applications. Biotechnology Progress, 2012, 28, 299-311.	1.3	274
210	Isolation and Characterization of Heavy Metal Resistant Bacteria from Barak River Contaminated with Pulp Paper Mill Effluent, South Assam. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 263-268.	1.3	8
211	The reaction center is the sensitive target of the mercury(II) ion in intact cells of photosynthetic bacteria. Photosynthesis Research, 2012, 112, 129-140.	1.6	26
212	Bioremediation of industrial effluents containing heavy metals using brewing cells of Saccharomyces cerevisiae as a green technology: a review. Environmental Science and Pollution Research, 2012, 19, 1066-1083.	2.7	110
213	The Versatility of Delftia sp. Isolates as Tools for Bioremediation and Biofertilization Technologies. Current Microbiology, 2012, 64, 597-603.	1.0	44
214	Expression of the bacterial heavy metal transporter MerC fused with a plant SNARE, SYP121, in Arabidopsis thaliana increases cadmium accumulation and tolerance. Planta, 2012, 235, 841-850.	1.6	35
215	Bio-reduction of Cr(VI) by exopolysaccharides (EPS) from indigenous bacterial species of Sukinda chromite mine, India. Biodegradation, 2012, 23, 487-496.	1.5	92
216	Early stage adsorption behaviour of Acidithiobacillus ferrooxidans on minerals I: An experimental approach. Hydrometallurgy, 2012, 119-120, 87-94.	1.8	55
217	Indigenous microorganisms as potential bioremediators for environments contaminated with heavy metals. International Biodeterioration and Biodegradation, 2012, 69, 28-37.	1.9	106
218	Decolourisation and detoxification of rayon grade pulp paper mill effluent by mixed bacterial culture isolated from pulp paper mill effluent polluted site. Biochemical Engineering Journal, 2012, 61, 49-58.	1.8	133
219	Simultaneous biodegradation of Ni–citrate complexes and removal of nickel from solutions by Pseudomonas alcaliphila. Bioresource Technology, 2012, 116, 66-73.	4.8	28
220	Biosorption of zinc ions from aqueous solutions onto natural dye waste of <i>Hibiscus rosa sinensis</i> : Thermodynamic and kinetic studies. Environmental Progress and Sustainable Energy, 2012, 31, 89-99.	1.3	16
221	Cd, Cu, Ni, Mn and Zn resistance and bioaccumulation by thermophilic bacteria, Geobacillus toebii subsp. decanicus and Geobacillus thermoleovorans subsp. stromboliensis. World Journal of Microbiology and Biotechnology, 2012, 28, 155-163.	1.7	45

ARTICLE IF CITATIONS Effects of low pH and Pb2+ stress on living cyanobacterium, Phormidium angustissimum West & amp; 223 2 1.5 G.S.West : A test of its feasibility as a living biosorbent. Journal of Applied Phycology, 2013, 25, 905-911. Arsenic-transforming microbes and their role in biomining processes. Environmental Science and 224 2.7 101 Pollution Research, 2013, 20, 7728-7739. Bio-removal of cadmium by growing deep-sea bacterium Pseudoalteromonas sp. SCSE709-6. 225 0.9 39 Extremophiles, 2013, 17, 723-731. Optimization of copper bioremediation by Stenotrophomonas maltophilia PD2. Journal of Environmental Chemical Engineering, 2013, 1, 159-163. Textile-dye polluted waters as a source for selecting chromate-reducing yeasts through 227 1.9 21 Cr(VI)-enriched microcosms. International Biodeterioration and Biodegradation, 2013, 79, 28-35. Presence of Fe3+ and Zn2+ promoted biotransformation of Cd–citrate complex and removal of metals 6.5 from solutions. Journal of Hazardous Materials, 2013, 263, 367-373. Increase methylmercury accumulation in Arabidopsis thaliana expressing bacterial broad-spectrum 229 1.4 23 mercury transporter MerE. AMB Express, 2013, 3, 52. SUSTAINABILITY ASSESSMENT OF HEAVY METALS AND ROAD MAINTENANCE SALTS IN SWEEP SAND FROM 230 2.3 ROADSIDE ENVIRONMENT. Technological and Economic Development of Economy, 2013, 19, 224-236. Biogenic production of palladium nanocrystals using microalgae and their immobilization on 231 1.7 60 chitosan nanofibers for catalytic applications. RSC Advances, 2013, 3, 1009-1012. Cadmium chelation by frustulins: a novel metal tolerance mechanism in Nitzschia palea (Kützing) W. 1.1 Smith. Ecotoxicology, 2013, 22, 166-173. Synthesising acid mine drainage to maintain and exploit indigenous mining micro-algae and microbial assemblies for biotreatment investigations. Environmental Science and Pollution Research, 2013, 20, 233 2.7 10 950-956. Effect of the dilution rate and hydraulic retention time on the efficiency of the sequencing batch reactor (SBR) system with electroplating wastewater. Journal of Environmental Chemical 3.3 Engineering, 2013, 1, 786-794. Effect of inorganic salts on the growth and Cd2+ bioaccumulation of Zygosaccharomyces rouxii 235 4.8 17 cultured under Cd2+ stress. Bioresource Technology, 2013, 128, 831-834. Effect of NaCl on the heavy metal tolerance and bioaccumulation of Zygosaccharomyces rouxii and 4.8 56 Saccharomyces cerevisiae. Bioresource Technology, 2013, 143, 46-52 237 Biofilm Polymer for Biosorption of Pollutant Ions. Procedia Environmental Sciences, 2013, 17, 179-187. 1.3 13 DECREASE AND INCREASE PROFILE OF CU, CR AND PB DURING STABLE PHASE OF REMOVAL BY DUCKWEED 1.7 (<i>LEMNA MINOR</i> L.). International Journal of Phytoremediation, 2013, 15, 376-384. Mycoremediation of Heavy Metals. Soil Biology, 2013, , 245-267. 240 0.6 12 Metabolic reengineering invoked by microbial systems to decontaminate aluminum: Implications for 241 bioremediation technologies. Biotechnology Advances, 2013, 31, 266-273.

ARTICLE IF CITATIONS Biodegradation of petroleum hydrocarbons in the presence of nickel and cobalt. Journal of Basic 242 35 1.8 Microbiology, 2013, 53, 917-927. Mass transfer and related phenomena for Cr(VI) adsorption from aqueous solutions onto Mangifera indica sawdust. Chemical Engineering Journal, 2013, 218, 138-146. 243 6.6 Determination of Trace Metals in Waste Water and Their Removal Processes., 0,,. 244 37 In vitro Cr(VI) reduction by cell-free extracts of chromate-reducing bacteria isolated from tannery 2.7 effluent irrigated soil. Environmental Science and Pollution Research, 2013, 20, 1661-1674. Enhanced bioremediation of heavy metal from effluent by sulfate-reducing bacteria with copper–iron 246 4.8 48 bimetallic particles support. Bioresource Technology, 2013, 136, 413-417. Immobilization of Trichosporon Cutaneum R57 on PVA/TEOS/MPTEOS Hybrid Matrices for Removal of Manganese Ions. Biotechnology and Biotechnological Equipment, 2013, 27, 4078-4081. Application of micro-segmented flow for two-dimensional characterization of the combinatorial effect of zinc and copper ions on metal-tolerant Streptomyces strains. Applied Microbiology and Biotechnology, 2013, 97, 8923-8930. 248 1.7 21 Biosorption of heavy metals in a photo-rotating biological contactor—a batch process study. Applied 1.7 Microbiology and Biotechnology, 2013, 97, 5113-5123. Cadmium Tolerance and Removal from Cunninghamella elegans Related to the Polyphosphate 251 22 1.8 Metabolism. International Journal of Molecular Sciences, 2013, 14, 7180-7192. Human Metallothionein Enhanced Tolerance and Biosorption of Cadmium when Expressed in klt;i>Saccharomyces cerevisiae</i>. Advanced Materials Research, 0, 779-780, 195-200. Chemical Fractionation and Mobility of Heavy Metals in Soils in the Vicinity of Asphalt Plants in Delta 253 19 1.3 State, Nigeria. Environmental Forensics, 2013, 14, 248-259. Recent Advances in Microbial Metal Bioaccumulation. Critical Reviews in Environmental Science and 254 6.6 134 Technology, 2013, 43, 1162-1222. How a phosphorusâ€acquisition strategy based on carboxylate exudation powers the success and 255 agronomic potential of lupines (<i>Lupinus</i>, Fabaceae). American Journal of Botany, 2013, 100, 0.8 216 263-288. Role of MerC, MerE, MerF, MerT, and/or MerP in Resistance to Mercurials and the Transport of Mercurials in <i>Escherichia coli</i>. Biological and Pharmaceutical Bulletin, 2013, 36, 1835-1841. The Potent Pharmacological Mushroom Fomes fomentarius: Cultivation Processes and 257 0 Biotechnological Uses. , 2013, , 310-332. BIOSORPTION OF TEXTILE DYE USING IMMOBILIZED BACTERIAL (<i>PSEUDOMONAS) Tj ETQq1 1 0.784314 rgBT /Overlock 10 259 Journal of Environmental Sciences, 2013, 9, 377-387. Biological sulfate reduction of a sulfate-rich industrial waste liquor using sulfate reducing 260 0.4 1 bacteria. Mining, Metallurgy and Exploration, 2013, 30, 205-211. The Effect of CO2 on Algal Growth in Industrial Waste Water for Bioenergy and Bioremediation 1.1 Applications. PLoS ONE, 2013, 8, e81631.

	CITATION	REPORT	
#	Article	IF	CITATIONS
262	Phosphate-Mediated Remediation of Metals and Radionuclides. Advances in Ecology, 2014, 2014, 1-14.	0.5	19
263	Review of challenges in the escalation of metal-biosorbing processes for wastewater treatment: Applied and commercialized technologies. African Journal of Biotechnology, 2014, 13, 1756-1771.	0.3	17
264	Synthesis of novel palladium(0) nanocatalysts by microorganisms from heavy-metal-influenced high-alpine sites for dehalogenation of polychlorinated dioxins. Chemosphere, 2014, 117, 462-470.	4.2	43
265	Potential of Microscopic Fungi Isolated from Mercury Contaminated Soils to Accumulate and Volatilize Mercury(II). Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	40
266	Bioremediation of Aquaculture Effluents. , 2014, , 539-553.		10
267	Cadmium Phytoextraction and Physiological Changes of <i>Triticum aestivum</i> L. in Hydroponic Culture. Advanced Materials Research, O, 955-959, 285-288.	0.3	0
268	Evaluation of Trace Metal Content by ICP-MS Using Closed Vessel Microwave Digestion in Fresh Water Fish. Journal of Environmental and Public Health, 2014, 2014, 1-8.	0.4	14
269	Response of Birch and Alder Root Endophytes as Well as Rhizosphere and Bulk Soil Microorganisms to Heavy Metal Pollution. Polish Journal of Ecology, 2014, 62, 37-53.	0.2	7
270	Isolation, identification, characterization, and evaluation of cadmium removal capacity of <i>Enterobacter </i> species. Journal of Basic Microbiology, 2014, 54, 1279-1287.	1.8	30
271	Dissolution of Arsenic Minerals Mediated by Dissimilatory Arsenate Reducing Bacteria: Estimation of the Physiological Potential for Arsenic Mobilization. BioMed Research International, 2014, 2014, 1-12.	0.9	49
272	Characterization of heavy metals resistant heterotrophic bacteria from soils in the Windmill Islands region, Wilkes Land, East Antarctica. Polish Polar Research, 2014, 35, 593-607.	0.9	18
273	Prospects for Exploiting Bacteria for Bioremediation of Metal Pollution. Critical Reviews in Environmental Science and Technology, 2014, 44, 519-560.	6.6	58
274	Bioremoval and recovery of Cd(II) by Pseudoalteromonas sp. SCSE709-6: Comparative study on growing and grown cells. Bioresource Technology, 2014, 165, 145-151.	4.8	31
275	Rhizoremediation of phenol and chromium by the synergistic combination of a native bacterial strain and Brassica napus hairy roots. International Biodeterioration and Biodegradation, 2014, 88, 192-198.	1.9	54
276	Mono and binary component biosorption of Cu(II), Ni(II), and Methylene Blue onto raw and pretreated <i>S. cerevisiae</i> : equilibrium and kinetics. Desalination and Water Treatment, 2014, 52, 4871-4888.	1.0	25
277	Enhanced Pb2+ biosorption by recombinant Saccharomyces cerevisiae expressing human metallothionein. Monatshefte Für Chemie, 2014, 145, 235-240.	0.9	4
278	Significance of exploiting non-living biomaterials for the biosorption of wastewater pollutants. World Journal of Microbiology and Biotechnology, 2014, 30, 1669-1689.	1.7	59
279	Biosorption of zinc ion: a deep comprehension. Applied Water Science, 2014, 4, 311-332.	2.8	42

#	Article	IF	CITATIONS
280	Pb tolerance and bioaccumulation by the mycelia of Flammulina velutipes in artificial enrichment medium. Journal of Microbiology, 2014, 52, 8-12.	1.3	6
281	Advances in microbial bioremediation and the factors influencing the process. International Journal of Environmental Science and Technology, 2014, 11, 1787-1800.	1.8	60
282	Mixed-Species Biofilms Cultured from an Oil Sand Tailings Pond can Biomineralize Metals. Microbial Ecology, 2014, 68, 70-80.	1.4	32
283	Kinetics of nutrient removal and expression of extracellular polymeric substances of the microalgae, Chlorella sp. and Micractinium sp., in wastewater treatment. Bioresource Technology, 2014, 154, 131-137.	4.8	181
284	Bioaccumulation characterization of cadmium by growing Bacillus cereus RC-1 and its mechanism. Chemosphere, 2014, 109, 134-142.	4.2	109
285	Heavy metal ions removal by nano-sized spherical polymer brushes. Chinese Journal of Polymer Science (English Edition), 2014, 32, 432-438.	2.0	10
286	Bio-prospecting of Distillery Yeasts as Bio-control and Bio-remediation Agents. Current Microbiology, 2014, 68, 594-602.	1.0	13
287	Characterization of Cd-, Pb-, Zn-resistant endophytic Lasiodiplodia sp. MXSF31 from metal accumulating Portulaca oleracea and its potential in promoting the growth of rape in metal-contaminated soils. Environmental Science and Pollution Research, 2014, 21, 2346-2357.	2.7	70
288	Ethylene reverses photosynthetic inhibition by nickel and zinc in mustard through changes in PS II activity, photosynthetic nitrogen use efficiency, and antioxidant metabolism. Protoplasma, 2014, 251,	1.0	176
	1007-1019.		
289	Biosorption of Pb(II) and Co(II) Ions from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1	1 0.7843 1.1	14 [gBT /Over
289 290	Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568.	1 0.7843 1.1	14 ፲월 ^{BT} /Ove 15
289 290 291	Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxii and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121.	1 0.7843 2.1 4.8	14 ፲월BT /Ov e 15 43
289 290 291 292	 Biosorption of Pb(II) and Co(II) lons from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1 Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxii and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121. Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065. 	1 0.7843 2.1 4.8 2.7	14 fgBT /Over 15 43 117
289 290 291 292 292	Biosorption of Pb(II) and Co(II) lons from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1 Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxii and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121. Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065. Biosorption: current perspectives on concept, definition and application. Bioresource Technology, 2014, 160, 3-14.	1 0.7843 2.1 4.8 2.7 4.8	14 ggBT /Over 15 43 117 827
289 290 291 292 292 294	Biosorption of Pb(II) and Co(II) lons from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1 Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxii and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121. Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065. Biosorption: current perspectives on concept, definition and application. Bioresource Technology, 2014, 160, 3-14. Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Sinultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Sinultaneous copper bioaccumulation of environmental conditions using RSM. Chemistry and Ecology, 2014, 30, 39-51.</i></i></i></i></i>	1 0.7843 2.1 4.8 2.7 4.8 0.6	14 ggBT /Over 15 43 117 827 1
289 290 291 292 294 295	Biosorption of Pb(II) and Co(II) lons from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1 Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxii and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121. Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065. Biosorption: current perspectives on concept, definition and application. Bioresource Technology, 2014, 160, 3-14. Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar </i>) and Ecology, 2014, 30, 39-51. Engineering lead-sensing GFP through rational designing. Chemical Communications, 2014, 50, 15979-15982.	1 0.7843 2.1 4.8 2.7 4.8 0.6 2.2	14 f ^g BT /Over 15 43 117 827 1 13
289 290 291 292 294 295 295	Biosorption of Pb(II) and Co(II) lons from Aqueous Solutions Using Pretreated Rhizopus oryzae (Bread) Tj ETQq1 Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium WMSDCM. Clean Technologies and Environmental Policy, 2014, 16, 555-568. Bioaccumulation of cadmium by growing Zygosaccharomyces rouxil and Saccharomyces cerevisiae. Bioresource Technology, 2014, 155, 116-121. Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065. Biosorption: current perspectives on concept, definition and application. Bioresource Technology, 2014, 160, 3-14. Simultaneous copper bioaccumulation, growth and lipase production of <i>Rhizopus delemar Simultaneous copper bioaccumulation of environmental conditions using RSM. Chemistry and Ecology, 2014, 30, 39-51. Engineering lead-sensing GFP through rational designing. Chemical Communications, 2014, 50, 15979-15982. Isolation and characterization of a radiation-resistant bacterium from Taklamakan Desert showing potent ability to accumulate Lead (II) and considerable potential for bioremediation of radioactive wastes. Ecotoxicology, 2014, 23, 1915-1921.</i>	1 0.7843 2.1 4.8 2.7 4.8 0.6 2.2 1.1	14 f ^g BT /Over 15 43 117 827 1 13 12

#	Article	IF	CITATIONS
299	Reusable bacteria immobilized electrospun nanofibrous webs for decolorization of methylene blue dye in wastewater treatment. RSC Advances, 2014, 4, 32249-32255.	1.7	91
300	Heavy metal removal in groundwater originating from acid mine drainage using dead Bacillus drentensis sp. immobilized in polysulfone polymer. Journal of Environmental Management, 2014, 146, 568-574.	3.8	32
301	Biosorption of nickel by Lysinibacillus sp. BA2 native to bauxite mine. Ecotoxicology and Environmental Safety, 2014, 107, 260-268.	2.9	47
302	CHAPTER 3. Removal of Dissolved Metals by Bioremediation. , 2014, , 44-56.		7
303	Biosynthesis of Silver Nano-Particles by Trichoderma and Its Medical Applications. , 2014, , 393-404.		17
304	The Indigo Blue Dye Decolorization Potential of Immobilized Scenedesmus quadricauda. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	13
305	Biosequestration of lead using Bacillus strains isolated from seleniferous soils and sediments of Punjab. Environmental Science and Pollution Research, 2014, 21, 10186-10193.	2.7	11
306	Continuous metal bioremoval by new bacterial isolates in immobilized cell reactor. Annals of Microbiology, 2014, 64, 699-706.	1.1	1
307	Determination of metal ions in water and tea samples by flame-AAS after preconcentration using sorghum in nature form and chemically activated. Journal of Analytical Chemistry, 2014, 69, 420-425.	0.4	17
308	Biosorption of Zinc and Nickel and Its Effect on Growth of Different <i>Spirulina</i> Strains. Clean - Soil, Air, Water, 2014, 42, 507-512.	0.7	28
309	A green chemical approach for biotransformation of Cr(VI) to Cr(III), utilizing Fusarium sp. MMT1 and consequent structural alteration of cell morphology. Journal of Environmental Chemical Engineering, 2014, 2, 424-433.	3.3	29
310	Biosorption of toxic metals using freely suspended Microcystis aeruginosa biomass. Open Chemistry, 2014, 12, 1232-1238.	1.0	16
311	Environment-enhancing algal biofuel production using wastewaters. Renewable and Sustainable Energy Reviews, 2014, 36, 256-269.	8.2	182
312	Challenging tin toxicity by a novel strain isolated from freshwaters. Desalination and Water Treatment, 2015, 53, 3244-3252.	1.0	5
313	Commercialization of Marine Algae-Derived Biofuels. , 2015, , 660-671.		4
314	Application of waste materials as 'low cost' sorbents for industrial effluent treatment: a comparative overview. International Journal of Materials and Product Technology, 2015, 50, 196.	0.1	14
316	Recovery of Zn(II) and Ni(II) Binary from Wastewater Using Integrated Biosorption and Electrodeposition. Clean - Soil, Air, Water, 2015, 43, 368-374.	0.7	3
317	Heavy Metal Removal from Wastewater Using Low Cost Adsorbents. Journal of Bioremediation & Biodegradation, 2015, 06, .	0.5	176

#	Article	IF	CITATIONS
318	Biosorption and Bioaccumulation of Some Heavy Metals by Deinococcus Radiodurans Isolated from Soil in Basra Governorate- Iraq. Journal of Biotechnology & Biomaterials, 2015, 05, .	0.3	2
319	Isolation and characterization of arsenic resistant soil bacteria and their effects on germination of rice under arsenic contamination. Research in Agriculture, Livestock and Fisheries, 2015, 2, 229-237.	0.1	0
320	Tsv-N1: A Novel DNA Algal Virus that Infects Tetraselmis striata. Viruses, 2015, 7, 3937-3953.	1.5	28
321	Iron encrustations on filamentous algae colonized by <i>Gallionella</i> -related bacteria in a metal-polluted freshwater stream. Biogeosciences, 2015, 12, 5277-5289.	1.3	13
322	Raw Materials Synthesis from Heavy Metal Industry Effluents with Bioremediation and Phytomining: A Biomimetic Resource Management Approach. Advances in Materials Science and Engineering, 2015, 2015, 1-21.	1.0	29
323	Resistance to and Accumulation of Heavy Metals by Actinobacteria Isolated from Abandoned Mining Areas. Scientific World Journal, The, 2015, 2015, 1-14.	0.8	70
324	The Potential of the Photoautotroph Synechocystis for Metal Bioremediation. , 2015, , .		2
325	Amino Acids in Brewer's Yeast Involved in Heavy Metal Biosorption from Waste Water. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Agriculture, 2015, 72, .	0.0	0
327	Antimicrobial activity and resistance to heavy metals and antibiotics of heterotrophic bacteria isolated from sediment and soil samples collected from two Antarctic islands. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2015, 8, 348-357.	1.1	65
328	A comprehensive study on the behavior of a novel bacterial strain Acinetobacter guillouiae for bioremediation of divalent copper. Bioprocess and Biosystems Engineering, 2015, 38, 1749-1760.	1.7	13
329	Algae and Environmental Sustainability. , 2015, , .		20
330	Phycoremediation of Emerging Contaminants. , 2015, , 129-146.		8
331	Phycoremediation of Tannery Wastewater Using Microalgae <i>Scenedesmus</i> Species. International Journal of Phytoremediation, 2015, 17, 907-916.	1.7	143
332	Microalgal process for treatment of high conductivity concentrates from inland desalination. Desalination and Water Treatment, 0, , 1-9.	1.0	1
333	Identification of response classes from heavy metalâ€tolerant soil microbial communities by highly resolved concentrationâ€dependent screenings in a microfluidic system. Methods in Ecology and Evolution, 2015, 6, 600-609.	2.2	10
334	Bio-derived materials as a green route for precious & critical metal recovery and re-use. Green Chemistry, 2015, 17, 1951-1965.	4.6	220
335	Marine Algae Biomass for Removal of Heavy Metal Ions. , 2015, , 611-648.		7
336	Impact of an urban multi-metal contamination gradient: Metal bioaccumulation and tolerance of river biofilms collected in different seasons. Aquatic Toxicology, 2015, 159, 276-289.	1.9	23

ARTICLE IF CITATIONS Effects of heavy metals on Cyanothece sp. CCY 0110 growth, extracellular polymeric substances (EPS) 337 1.2 95 production, ultrastructure and protein profiles. Journal of Proteomics, 2015, 120, 75-94. Metal biouptake by actively growing cells of metal-tolerant bacterial strains. Environmental 1.3 Monitoring and Assessment, 2015, 187, 525. Influence of bentonite in polymer membranes for effective treatment of car wash effluent to protect 339 2.9 31 the ecosystem. Ecotoxicology and Environmental Safety, 2015, 121, 186-192. Purple non-sulfur photosynthetic bacteria monitor environmental stresses. Journal of 340 Photochemistry and Photobiology B: Biology, 2015, 151, 110-117. Modelling of optimum conditions for bioaccumulation of As(III) and As(V) by response surface 341 3.3 9 methodology (RSM). Journal of Environmental Chemical Engineering, 2015, 3, 1986-2001. Films of bacteria at interfaces: three stages of behaviour. Soft Matter, 2015, 11, 6062-6074. 1.2 Is biosorption suitable for decontamination of metal-bearing wastewaters? A critical review on the 343 state-of-the-art of biosorption processes and future directions. Journal of Environmental 201 3.8 Management, 2015, 160, 283-296. Biochemical and molecular mechanisms involved in simultaneous phenol and Cr(VI) removal by Acinetobacter guillouiae SFC 500-1A. Environmental Science and Pollution Research, 2015, 22, 344 24 13014-13023 Biofilter column for removal of divalent copper from aqueous solutions: Performance evaluation 345 2.6 15 and kinetic modeling. Journal of Water Process Engineering, 2015, 6, 136-143. Production and shelf life evaluation of storable myco-granules for multiple environmental 346 1.9 applications. International Biodeterioration and Biodegradation, 2015, 100, 70-78. Examining concentrations and molecular weights of thiols in microorganism cultures and in Churchill River (Manitoba) using a fluorescent-labeling method coupled to asymmetrical flow 347 17 1.9 field-flow fractionation. Analytical and Bioanalytical Chemistry, 2015, 407, 4305-4313. Continuous removal of zinc from wastewater and mine dump leachate by a microalgal biofilm PSBR. 6.5 Journal of Hazardous Materials, 2015, 297, 112-118. A New Fungal Isolate, Penidiella sp. Strain T9, Accumulates the Rare Earth Element Dysprosium. Applied 349 1.4 58 and Environmental Microbiology, 2015, 81, 3062-3068. Bioremediation of Heavy Metals from Soil and Aquatic Environment: An Overview of Principles and Criteria of Fundamental Processes. Sustainability, 2015, 7, 2189-2212. 1.6 Mathematical Modelling of Toxic Metal Uptake and Efflux Pump in Metal-Resistant Bacterium Bacillus 351 1.1 13 cereus Isolated From Heavy Crude Oil. Water, Air, and Soil Pollution, 2015, 226, 1. Fundamentals and Application Potential of Arsenic-Resistant Bacteria for Bioremediation in Rhizosphere: A Review. Soil and Sediment Contamination, 2015, 24, 704-718. Role of Ethylene and Its Cross Talk with Other Signaling Molecules in Plant Responses to Heavy Metal 353 2.3168 Stress. Plant Physiology, 2015, 169, 73-84. Microalgae – A promising tool for heavy metal remediation. Ecotoxicology and Environmental Safety, 354 2015, 113, 329<u>-352</u>.

1380 Nonlinear control of continuous cultures of Porphytidium purpureum in a photobioreactor. 1.9 1.9 1380 Cell surface engineering Science, 2015, 123, 207-219. 0 1380 Cell surface engineering Science, 2015, 123, 207-219. 0 1387 Equilibrium and kinetic study and modeling of Cu(II) and Cu(II) synergistic biosorption from Cu(II) Cu(II) single and binary instructs on brown algae C. indica. Journal of Environmental Chemical Them, 2015, 31, 40-149. 3.3 78 1389 ExplainSpecific bioscontrolistics and photoscolistics of ectomycontrible fungt Environmental Science and Poissorption potential of Aspergillus awamont ZU IQ 965830.1 TO 1.1 20 1399 Cd(II). Annals of Microbiology, 2015, 55, 69-83. 2.1 18 1400 Biomass of Termitonyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 1401 Biomass of Termitonyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 1402 Biomass of Termitonyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 1403 Biomass of Termitonyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 1404 Biomass of Termitonyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1	#	Article	IF	CITATIONS
381 Cell surface engineering of intercongeniams towards adsorption of heavy metals. Critical Reviews in 2.7 96 387 Equilibrium and kinetic study and modeling of Cu(i) and Co(i) synergistic biosorption from 3.3 78 388 Equilibrium and kinetic study and modeling of Cu(i) and Co(i) synergistic biosorption from 3.3 78 389 Explicit Cull single and binary mictures on brown algae C. Interaction is colored from the struggineering. 2013, 3, 140-149. 3.7 3.7 389 An investigation on tolerance and biosorption potential of Aspergillus awamori ZU JQ 965830.1 TO 1.1 20 360 Phytoremediation., 2015, 63-84. 2 361 Elemendation., 2015, 63-84. 2.1 362 Conference and biosorption potential of Aspergillus awamori ZU JQ 965830.1 TO 1.1 8 363 Biomass of Fermitomyces dypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 364 Chen Inchandiges and Change Junual of Technology. 2015, 51, 61. 0.2 1 365 Conference Jon Jon Free mediation of Heavy Metals: A Review. Journal of Microbial & 0.2 5 366 Record All And Statemeta Jon Jon Free mediation of Heavy Metals: A Review. Journal of Microbial & 0.2 5 <	355	Nonlinear control of continuous cultures of Porphyridium purpureum in a photobioreactor. Chemical Engineering Science, 2015, 123, 207-219.	1.9	19
137 Equilibrium and baretic study and modeling of Cu(ii) and Co(ii) synergistic biosorption from Equilibrium and baretic study and modeling of Cu(ii) and Co(ii) synergistic biosorption from Equilibrium and biosorption biown algae C. Indica. Journal of Environmental Chemical 3.3 78 138 Strainspecific bioaccumulation and intracellular distribution of Cd2+ in bacteria isolated from the polarizan freezearch, 2015, 22, 3055-3067. 37 139 An investigation on tolerance and biosorption potential of Aspergillus awamori ZU(Q 955830.1 TO 1.1 20 1400 Phytoremediation, 2015, 63-84. 2.1 31 141 Biomass of Termitomyces cypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 31 142 COMPARATIVE ANALYSIS OF SOME ENISTING KINETIC MODELS WITH PROPOSED MODELS IN THE 	356	Cell surface engineering of microorganisms towards adsorption of heavy metals. Critical Reviews in Microbiology, 2015, 41, 140-149.	2.7	96
1358 Strain-specific bioaccumulation and intracellular distribution of Cd2+ in bacteria isolated from the rhizosphere, actomy confligue, and fraitbodies of ectomy confligue, invisonmental Science and Philone Research, 2015, 23, 305 305 70. 11 20 1369 An investigation on tolerance and biosorption potential of Aspergillus awamori ZU JQ 955830.1 TO Cd(I). Annals of Microbiology, 2015, 65, 6933. 2 1360 Phytoremediation, 2015, 63-84. 2 1361 Biomass of Termitomyces dypeatus for chromily (II) removal from chrome tanning wastewater. Clean Technologies and Environmental Policy, 2015, 17, 541-564. 2.1 1362 Biomass of Termitomyces dypeatus for chromily (II) removal from chrome tanning wastewater. Clean Technologies and Environmental Policy, 2015, 17, 541-564. 2.1 1363 Biomass of Termitomyces dypeatus for chromily wastewater. Clean Technology, 2016, 51, 641. 0.2 1 1364 Biocochron Of THREE HEAVY METALS IN A TICOW BATCH REACTOR USING TWE SELECTED 0.2 1 1365 Biocochronical Science, 2016, 21, 253-260. 0.2 6 1366 Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284. 1.5 9 1367 Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. 1.5 6 1368 <td< td=""><td>357</td><td>Equilibrium and kinetic study and modeling of Cu(II) and Co(II) synergistic biosorption from Cu(II)-Co(II) single and binary mixtures on brown algae C. indica. Journal of Environmental Chemical Engineering, 2015, 3, 140-149.</td><td>3.3</td><td>78</td></td<>	357	Equilibrium and kinetic study and modeling of Cu(II) and Co(II) synergistic biosorption from Cu(II)-Co(II) single and binary mixtures on brown algae C. indica. Journal of Environmental Chemical Engineering, 2015, 3, 140-149.	3.3	78
369 An Investigation on tolerance and biosorption potential of Aspergillus awamori ZU JQ 965830.1 TO 1.1 20 360 Phytoremediation, 2015, 63-84. 2 361 Biomass of Termitomyces clypeatus for chromium (III) removal from chrome tanning wastewater. Clean Technologies and Environmental Policy, 2015, 17, 541-547. 18 362 BIOMOSED MODELS IN THE ROOMPARATIVE ANALYSIS OF SOME EXISTING KINETIC MODELS WITH PROPOSED MODELS IN THE MICRO ORCANISMS. Nigerian Journal of Technology, 2016, 35, 681. 0.2 1 364 BIOMOSED MODELS IN THE BIOChemical Technology, 2016, 8. 0.2 1 365 Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial & 0.2 6 366 Biochemical Technology, 2016, 8. 0.2 6 6 367 Removal of Ph and Zn fram industrial effluent using humic acid. Bangladesh Journal of Scientific and industrial Research, 2016, 51, 279-284. 0.1 3 368 Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. 1.5 6 369 Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Science, 2016, 3, 673. 1.6 7 360 Metabolic Network Modeling of Microbial Mats Involved in Self-Purification of Mine Vaters Contaminated with Heavy Metals. Frontiers in M	358	Strain-specific bioaccumulation and intracellular distribution of Cd2+ in bacteria isolated from the rhizosphere, ectomycorrhizae, and fruitbodies of ectomycorrhizal fungi. Environmental Science and Pollution Research, 2015, 22, 3055-3067.	2.7	37
360 Phytoremediation., 2015,, 63-84. 2 361 Biomass of Termitomyces clypeatus for chromium(III) removal from chrome tanning wastewater. 2.1 18 362 COMPARATIVE ANALYSIS OF SOME EXISTING KINETIC MODELS WITH PROPOSED MODELS IN THE BIOSORPTION OF THREE HEAVY METALS IN A FLOW BATCH REACTOR USING FNE SELECTED 0.2 1 363 Biochemical Technologies and Environmental Folicy, 2015, 35, 611. 0.2 159 364 Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial & 0.2 169 366 Solation and Characterization of a Variant Manganese Resistant Strain of ecrevisiae c/b. Biochemical Technology, 2016, 51, 279-284. 0.1 3 366 Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and industrial Research, 2016, 51, 279-284. 0.3 3 367 Witcrobiome Analysis Across a Natural Cooper Gradient at a Proposed Northern Canadian Mine Site. 1.5 109 368 Physlological and Metagenomic Analyses of Microbial Mats Involved in Self Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 673. 1.5 2 369 Physlological and Metagenomic Analyses of Microbial Mats Involved in Self Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252. 1.7	359	An investigation on tolerance and biosorption potential of Aspergillus awamori ZU JQ 965830.1 TO Cd(II). Annals of Microbiology, 2015, 65, 69-83.	1.1	20
361Biomass of Termitomyces clypeatus for chromlum(III) removal from chrome tanning wastewater. Clean Technologies and Environmental Policy, 2015, 17, 541-547.2.118362COMPARATIVE ANALYSIS OF SOME EXISTING KINETIC MODELS WITH PROPOSED MODELS IN THE BIOS ORPTION OF THREE HAAVY METALS IN A FLOW-BATCH REACTOR UISING FIVE SELECTED0.21363Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial & Isolation and Characterization of a Variant Manganese Resistant Strain of (4) Saccharomyces0.25364Isolation and Characterization of a Variant Manganese Resistant Strain of (4) Saccharomyces0.25365Removal of PD and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.1.58366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. Frontiers in Environmental Science, 2016, 3.,1.59109368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 673.1.537369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.72370Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Polution Research, 2016, 23, 19613-19625.2.733371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Polution Research, 2016, 23, 19613-19625.2.7<	360	Phytoremediation. , 2015, , 63-84.		2
362COMPARATIVE ANALYSIS OF SOME EXISTING KINETIC MODELS WITH PROPOSED MODELS IN THE BIOSORPTION OF THREE HEAVY METALS IN A FLOW-BATCH REACTOR USING FIVE SELECTED0.21363Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial & Biochemical Technology, 2016, 8, .0.2159364Isolation and Characterization of a Variant Manganese Resistant Strain of cerevisiae (/)>. Biocontrol Science, 2016, 21, 253-260.0.25365Removal of Pb and 2n from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.0.13366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. Frontiers in Environmental Science, 2016, 3, .109368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.725370Role of Aspergillus in Bioremediation Process. , 2016, 209-214.2.733371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733	361	Biomass of Termitomyces clypeatus for chromium(III) removal from chrome tanning wastewater. Clean Technologies and Environmental Policy, 2015, 17, 541-547.	2.1	18
363Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial &0.2159364Isolation and Characterization of a Variant Manganese Resistant Strain of <d saccharomyces<="" td="">0.25365Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.0.13366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site.1.58367Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental1.5109368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 673.1.537369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process. , 2016, 209-214.2.733371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.734</br></d>	362	COMPARATIVE ANALYSIS OF SOME EXISTING KINETIC MODELS WITH PROPOSED MODELS IN THE BIOSORPTION OF THREE HEAVY METALS IN A FLOW-BATCH REACTOR USING FIVE SELECTED MICRO-ORGANISMS. Nigerian Journal of Technology, 2016, 35, 681.	0.2	1
364Isolation and Characterization of a Variant Manganese Resistant Strain of <i>Saccharomyces0.25365Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.0.13366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. Frontiers in Environmental Science, 2016, 3.1.58367Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.1.91.9368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.725369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process., 2016, 23, 19613-19625.2.733371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.734</i>	363	Microbes as Potential Tool for Remediation of Heavy Metals: A Review. Journal of Microbial & Biochemical Technology, 2016, 8, .	0.2	159
365Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.0.13366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. Frontiers in Environmental Science, 2016, 3, .1.58367Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.1.51.9368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.557369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process., 2016, 209-214.4371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733	364	Isolation and Characterization of a Variant Manganese Resistant Strain of <i>Saccharomyces cerevisiae</i> . Biocontrol Science, 2016, 21, 253-260.	0.2	5
366Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site.1.58367Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.1.5109368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.557369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process., 2016, 209-214.4371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733Comparison study on copper bioaccumulation by growing <scop <t="">Ps/ps/ps/ps/ps/ps/ps/ps/ps/ps/ps/ps/ps/ps</scop>	365	Removal of Pb and Zn from industrial effluent using humic acid. Bangladesh Journal of Scientific and Industrial Research, 2016, 51, 279-284.	0.1	3
367Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.1.9368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.557369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process. , 2016, , 209-214.4371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae 	366	Microbiome Analysis Across a Natural Copper Gradient at a Proposed Northern Canadian Mine Site. Frontiers in Environmental Science, 2016, 3, .	1.5	8
368Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.1.557369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process. , 2016, , 209-214.4371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733Comparison study on copper bioaccumulation by growing <scp><i>Pol/bScippe <i>pol/bScippe</i></i></scp>	367	Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.	1.5	109
369An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.1.725370Role of Aspergillus in Bioremediation Process., 2016, 209-214.4371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733Comparison study on copper bioaccumulation by growing <scp><i>Policy Science science and Pollution Research, 2016, 23, 19613-19625.</i></scp>	368	Physiological and Metagenomic Analyses of Microbial Mats Involved in Self-Purification of Mine Waters Contaminated with Heavy Metals. Frontiers in Microbiology, 2016, 7, 1252.	1.5	57
370 Role of Aspergillus in Bioremediation Process., 2016, 209-214. 4 371 Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625. 2.7 33 Comparison study on copper bioaccumulation by growing <scp><i>P Scip><i>P Scip><i>P Scip><i>P</i></i></i></i></scp>	369	An Amidochlorin-Based Colorimetric Fluorescent Probe for Selective Cu2+ Detection. Molecules, 2016, 21, 107.	1.7	25
371Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.2.733Comparison study on copper bioaccumulation by growing <scp><i>P</i></scp>	370	Role of Aspergillus in Bioremediation Process. , 2016, , 209-214.		4
Comparison study on copper bioaccumulation by growing <scp><i>P</i></scp> <i>ichia kudriavzevii</i>	371	Increased copper bioremediation ability of new transgenic and adapted Saccharomyces cerevisiae strains. Environmental Science and Pollution Research, 2016, 23, 19613-19625.	2.7	33
372 and <scp><i>S</i></scp> <i>accharomyces cerevisiae</i> . Environmental Progress and Sustainable 1.3 3 Energy, 2016, 35, 1353-1360.	372	Comparison study on copper bioaccumulation by growing <scp><i>P</i></scp> <i>ichia kudriavzevii</i> and <scp><i>S</i></scp> <i>accharomyces cerevisiae</i> . Environmental Progress and Sustainable Energy, 2016, 35, 1353-1360.	1.3	3

#	Article	IF	CITATIONS
373	Heavy Metal Resistances and Chromium Removal of a Novel Cr(VI)-Reducing Pseudomonad Strain Isolated from Circulating Cooling Water of Iron and Steel Plant. Applied Biochemistry and Biotechnology, 2016, 180, 1328-1344.	1.4	17
374	Complete Genome Sequence of a Marine Bacterium, Pseudomonas pseudoalcaligenes Strain S1, with High Mercury Resistance and Bioaccumulation Capacity. Genome Announcements, 2016, 4, .	0.8	4
375	Heavy metal tolerance potential of <i>Aspergillus</i> strains isolated from mining sites. Bioremediation Journal, 2016, 20, 287-297.	1.0	26
376	A novel approach of utilization of the fungal conidia biomass to remove heavy metals from the aqueous solution through immobilization. Scientific Reports, 2016, 6, 36546.	1.6	45
377	Cultivation and harvesting of microalgae in photobioreactor for biodiesel production and simultaneous nutrient removal. Energy Conversion and Management, 2016, 117, 54-62.	4.4	101
378	Characterization and bioremediation potential of marine Psychrobacter species. Egyptian Journal of Aquatic Research, 2016, 42, 193-203.	1.0	7
379	Use of cadA-Specific Primers and DNA Probes as Tools to Select Cadmium Biosorbents with Potential in Remediation Strategies. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 685-693.	1.3	4
380	Proteomic analysis of an environmental isolate of Rhodotorula mucilaginosa after arsenic and cadmium challenge: Identification of a protein expression signature for heavy metal exposure. Journal of Proteomics, 2016, 141, 47-56.	1.2	19
381	Microorganism mediated biosynthesis of metal chalcogenides; a powerful tool to transform toxic effluents into functional nanomaterials. Science of the Total Environment, 2016, 565, 804-810.	3.9	40
382	A Comparison of Microbial Bioaugmentation and Biostimulation for Hexavalent Chromium Removal from Wastewater. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	21
383	Bio-rescue of marine environments: On the track of microbially-based metal/metalloid remediation. Science of the Total Environment, 2016, 565, 165-180.	3.9	10
384	Penidiella sp. strain T9 is an effective dysprosium accumulator, incorporating dysprosium as dysprosium phosphate compounds. Hydrometallurgy, 2016, 166, 260-265.	1.8	4
385	Biological Approaches for Remediation of Metal-Contaminated Sites. , 2016, , 65-112.		8
386	Immobilized microalgae in biotechnology. Moscow University Biological Sciences Bulletin, 2016, 71, 170-176.	0.1	25
387	Bioaccumulation of As(III)/As(V) ions by living cells of <i>Corynebacterium glutamicum</i> MTCC 2745. Separation Science and Technology, 2016, 51, 2970-2990.	1.3	4
388	Comparative performance evaluation of multi-metal resistant fungal strains for simultaneous removal of multiple hazardous metals. Journal of Hazardous Materials, 2016, 318, 679-685.	6.5	35
389	Biosorptive Performance of Bacillus arsenicus MTCC 4380 Biofilm Supported on Sawdust/MnFe2O4 Composite for the Removal of As(III) and As(V). Water Conservation Science and Engineering, 2016, 1, 103-125.	0.9	4
390	Immobilizing of heavy metals in sediments contaminated by nonferrous metals smelting plant sewage with sulfate reducing bacteria and micro zero valent iron. Chemical Engineering Journal, 2016, 306, 393-400	6.6	47

#	Δρτιςι ε	IF	CITATIONS
391	Sequestration of Zn2+ from aqueous solution using Klebsiella pneumoniae: Batch kinetics and continuous studies. Journal of Water Process Engineering, 2016, 12, 89-104.	2.6	1
392	Kinetic studies of cobalt ion removal from aqueous solutions using fly ash-based geopolymer and zeolite NaX as sorbents. Separation Science and Technology, 2016, 51, 2868-2875.	1.3	25
393	Impact of Heavy Metal Containing Wastewater on Agricultural Soil and Produce: Relevance of Biological Treatment. Environmental Processes, 2016, 3, 1063-1080.	1.7	40
394	Fungal Applications in Sustainable Environmental Biotechnology. Fungal Biology, 2016, , .	0.3	16
395	Mycoremediation of Heavy Metal/Metalloid-Contaminated Soil: Current Understanding and Future Prospects. Fungal Biology, 2016, , 249-272.	0.3	6
396	Controlled Growth of Nanostructured Biotemplates with Cobalt and Nitrogen Codoping as a Binderless Lithium-Ion Battery Anode. ACS Applied Materials & Interfaces, 2016, 8, 26868-26877.	4.0	13
397	Extracellular mercury sequestration by exopolymeric substances produced by Yarrowia spp.: Thermodynamics, equilibria, and kinetics studies. Journal of Bioscience and Bioengineering, 2016, 122, 701-707.	1.1	18
398	Immobilization of Multi-biocatalysts in Alginate Beads for Cofactor Regeneration and Improved Reusability. Journal of Visualized Experiments, 2016, , .	0.2	9
399	Expression Analysis of Ni- and V-Associated Resistance Genes in a Bacillus megaterium Strain Isolated from a Mining Site. Current Microbiology, 2016, 73, 165-171.	1.0	8
400	Kinetic, mechanistic and thermodynamic studies of removal of arsenic using Bacillus arsenicus MTCC 4380 immobilized on surface of granular activated carbon/MnFe2O4 composite. Groundwater for Sustainable Development, 2016, 2-3, 53-72.	2.3	7
401	Comparative study of chemical and physical methods for distinguishing between passive and metabolically active mechanisms of water contaminant removal by biofilms. Water Research, 2016, 101, 574-581.	5.3	6
402	Simultaneous sequestration of ternary metal ions (Cr6+, Cu2+ and Zn2+) from aqueous solution by an indigenous bacterial consortium. Chemical Engineering Research and Design, 2016, 102, 786-798.	2.7	5
403	Metal sorption by algal biomass: From batch to continuous system. Algal Research, 2016, 18, 95-109.	2.4	120
404	Heavy metal resistance in halophilic <i>Bacteria</i> and <i>Archaea</i> . FEMS Microbiology Letters, 2016, 363, fnw146.	0.7	120
405	Metals-induced functional stress in sulphate-reducing thermophiles. 3 Biotech, 2016, 6, 17.	1.1	17
406	Cellular Response to Cu―and Znâ€Induced Oxidative Stress in <i>Aspergillus fumigatus</i> Isolated From Polluted Soils in Bulgaria. Clean - Soil, Air, Water, 2016, 44, 657-666.	0.7	9
407	Exploited application of sulfate-reducing bacteria for concomitant treatment of metallic and non-metallic wastes: a mini review. 3 Biotech, 2016, 6, 119.	1.1	61
408	Applications of biosorbents in atomic spectrometry. Applied Spectroscopy Reviews, 2016, 51, 36-72.	3.4	11

#	Article	IF	CITATIONS
409	Trophic transfer of radioisotopes in Mediterranean sponges through bacteria consumption. Chemosphere, 2016, 144, 1885-1892.	4.2	6
410	Bioremediation of tannery wastewater by chromium resistant novel fungal consortium. Ecological Engineering, 2016, 91, 419-425.	1.6	97
411	Beneficial role of bacterial endophytes in heavy metal phytoremediation. Journal of Environmental Management, 2016, 174, 14-25.	3.8	490
412	Improvement of tolerance to lead by filamentous fungus Pleurotus ostreatus HAU-2 and its oxidative responses. Chemosphere, 2016, 150, 33-39.	4.2	49
413	Application of a hybrid biofilter column for the removal of Cr(VI) from aqueous solution using an indigenous bacterial strain <i>Pseudomonas taiwanensis</i> . Bioremediation Journal, 2016, 20, 10-23.	1.0	6
414	Efficient removal of zinc by multi-stress-tolerant yeast Pichia kudriavzevii A16. Bioresource Technology, 2016, 206, 43-49.	4.8	24
415	Bioimmobilization of Heavy Metals in Acidic Copper Mine Tailings Soil. Geomicrobiology Journal, 2016, 33, 261-266.	1.0	66
416	Effect of anoxic:oxic ratio on the efficiency and performance of sequencing batch reactor (SBR) system for treatment of industrial estate wastewater containing Cr ³⁺ and Ni ²⁺ . Desalination and Water Treatment, 2016, 57, 21752-21769.	1.0	1
417	Heavy Metal Tolerance and Biotransformation of Toxic Metal Compounds by New Isolates of Wood-Rotting Fungi from Thailand. Geomicrobiology Journal, 2016, 33, 283-288.	1.0	39
418	Detoxification of mercury pollutant leached from spent fluorescent lamps using bacterial strains. Waste Management, 2016, 49, 238-244.	3.7	18
419	<i>In vitro</i> toxic effects of heavy metals on fungal growth and phosphate-solubilising abilities of isolates obtained from <i>Phragmites australis</i> rhizosphere. Chemistry and Ecology, 2016, 32, 49-67.	0.6	5
420	Study of the kinetics of arsenic removal from wastewater using Bacillus arsenicus biofilms supported on a Neem leaves/MnFe 2 O 4 composite. Ecological Engineering, 2016, 88, 195-216.	1.6	21
421	Nickel and lead biosorption by Curtobacterium sp. FM01, an indigenous bacterium isolated from farmland soils of northeast Iran. Journal of Environmental Chemical Engineering, 2016, 4, 950-957.	3.3	52
422	Process analysis of AuCl4â^' sorption leading to gold nanoparticle synthesis by Shewanella putrefaciens. Chemical Engineering Journal, 2016, 288, 482-488.	6.6	9
423	Process optimization for biodegradation of black liquor by immobilized novel bacterial consortium. Desalination and Water Treatment, 2016, 57, 18915-18926.	1.0	9
424	Yeasts associated with an abandoned mining area in Pernek and their tolerance to different chemical elements. Folia Microbiologica, 2016, 61, 199-207.	1.1	15
425	Isotherm, kinetics and mechanistic studies of methylene blue biosorption onto red seaweed <i>Gracilaria corticata</i> . Desalination and Water Treatment, 2016, 57, 13540-13548.	1.0	20
426	Heavy Metal Removal from Industrial Wastewater Using Fungi: Uptake Mechanism and Biochemical Aspects. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	40

#	Article	IF	CITATIONS
427	Leucobacter chromiireducens CRB2, a new strain with high Cr(VI) reduction potential isolated from tannery-contaminated soil (Fez, Morocco). Annals of Microbiology, 2016, 66, 425-436.	1.1	19
428	Bacteria encapsulated electrospun nanofibrous webs for remediation of methylene blue dye in water. Colloids and Surfaces B: Biointerfaces, 2017, 152, 245-251.	2.5	67
429	Application of β-glucuronidase (GusA) as an effective reporter for extremely acidophilic Acidithiobacillus ferrooxidans. Applied Microbiology and Biotechnology, 2017, 101, 3283-3294.	1.7	7
430	Comparison of the Rhodotorula mucilaginosa Biofilm and Planktonic Culture on Heavy Metal Susceptibility and Removal Potential. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	46
431	Use of a sulfur waste for biosynthesis of cadmium sulfide quantum dots with Fusarium oxysporum f. sp. lycopersici. Materials Science in Semiconductor Processing, 2017, 63, 33-39.	1.9	14
432	Isolation and biochemical characterization of heavy-metal resistant bacteria from tannery effluent in Chittagong city, Bangladesh: Bioremediation viewpoint. Egyptian Journal of Aquatic Research, 2017, 43, 65-74.	1.0	129
433	Evaluation of fiber diameter and morphology differences for electrospun fibers on bacterial immobilization and bioremediation performance. International Biodeterioration and Biodegradation, 2017, 120, 66-70.	1.9	10
434	Characterization of Pb2+ biosorption by psychrotrophic strain Pseudomonas sp. 13 isolated from permafrost soil of Mohe wetland in Northeast China. Journal of Environmental Management, 2017, 196, 8-15.	3.8	71
435	Complexation of the Zn, Co, Cd, and Pb ions by metallothioneins: A QM/MM simulation. Computational and Theoretical Chemistry, 2017, 1106, 1-6.	1.1	5
436	Biodegradation of crude oil and phenanthrene by heavy metal resistant Bacillus subtilis isolated from a multi-polluted industrial wastewater creek. International Biodeterioration and Biodegradation, 2017, 120, 143-151.	1.9	49
437	Aromatic Plant–Microbe Associations: A Sustainable Approach for Remediation of Polluted Soils. , 2017, , 85-103.		4
438	Stoichiometry and kinetics of mercury uptake by photosynthetic bacteria. Photosynthesis Research, 2017, 132, 197-209.	1.6	14
439	A comparative investigation on the inhibition kinetics of bioaccumulation of As(III) and As(V) ions using Bacillus arsenicus MTCC 4380. Ecohydrology and Hydrobiology, 2017, 17, 148-163.	1.0	2
440	Role of Genetically Modified Microorganisms in Heavy Metal Bioremediation. , 2017, , 197-214.		17
441	Advances in Environmental Biotechnology. , 2017, , .		10
442	Field- and Lab-Based Potentiometric Titrations of Microbial Mats from the Fairmont Hot Spring, Canada. Geomicrobiology Journal, 2017, 34, 851-863.	1.0	4
443	Mucor circinelloides: efficiency of bioremediation response to heavy metal pollution. Toxicology Research, 2017, 6, 442-447.	0.9	16
445	Genotoxicity assessment of pulp and paper mill effluent before and after bacterial degradation using Allium cepa test. Chemosphere, 2017, 169, 642-650.	4.2	81

#	Article	IF	CITATIONS
446	Bacteria immobilized electrospun polycaprolactone and polylactic acid fibrous webs for remediation of textile dyes in water. Chemosphere, 2017, 184, 393-399.	4.2	33
447	Plant Biotechnology: Recent Advancements and Developments. , 2017, , .		16
448	Zn2+ sequestration by Nostoc muscorum: study of thermodynamics, equilibrium isotherms, and biosorption parameters for the metal. Environmental Monitoring and Assessment, 2017, 189, 314.	1.3	15
449	Bioremediation of Contaminated Soils: An Overview. , 2017, , 323-337.		3
450	Cobalt(II) bioaccumulation and distribution in <i>Rhodopseudomonas palustris</i> . Biotechnology and Biotechnological Equipment, 2017, 31, 527-534.	0.5	25
451	A highly selective and sensitive Schiff-base based turn-on optical sensor for Cu 2+ in aqueous medium and acetonitrile. Inorganic Chemistry Communication, 2017, 79, 50-54.	1.8	18
452	A simple whole cell microbial biosensors to monitor soil pollution. , 2017, , 437-481.		11
454	Evaluation of Cr(VI) reduction mechanism and removal by Cellulosimicrobium funkei strain AR8, a novel haloalkaliphilic bacterium. Journal of Hazardous Materials, 2017, 333, 42-53.	6.5	171
455	Identification and characterization of Cr-, Cd-, and Ni-tolerant bacteria isolated from mine tailings. Bioremediation Journal, 2017, 21, 1-19.	1.0	53
456	Equilibrium and kinetic studies of Cu(II) and Ni(II) sorption on living Euglena gracilis. Journal of Applied Phycology, 2017, 29, 1391-1398.	1.5	21
457	Bacterial Exopolysaccharide mediated heavy metal removal: A Review on biosynthesis, mechanism and remediation strategies. Biotechnology Reports (Amsterdam, Netherlands), 2017, 13, 58-71.	2.1	565
458	Role of Bioremediation Agents (Bacteria, Fungi, and Algae) in Alleviating Heavy Metal Toxicity. , 2017, , 517-537.		25
459	Prospective of Microbial Exopolysaccharide for Heavy Metal Exclusion. Applied Biochemistry and Biotechnology, 2017, 183, 582-600.	1.4	73
460	Sustainable Heavy Metal Remediation. Environmental Chemistry for A Sustainable World, 2017, , .	0.3	8
461	Heavy Metal Removal from Wastewaters by Biosorption: Mechanisms and Modeling. Environmental Chemistry for A Sustainable World, 2017, , 25-63.	0.3	20
462	Facile microwave-assisted synthesis of tungsten-doped hydroxyapatite nanorods: A systematic structural, morphological, dielectric, radiation and microbial activity studies. Ceramics International, 2017, 43, 14923-14931.	2.3	96
463	Zinc bioaccumulation by microbial consortium isolated from nickel smelter sludge disposal site. Nova Biotechnologica Et Chimica, 2017, 16, 48-53.	0.1	3
464	Bioremoval of Cu ²⁺ from CMP wastewater by a novel copper-resistant bacterium Cupriavidus gilardii CR3: characteristics and mechanisms. RSC Advances, 2017, 7, 18793-18802.	1.7	38

ARTICLE IF CITATIONS Algal Degradation of Organic Pollutants., 2017, , 1-22. 2 465 Tolerance of Microorganisms in Soil Contaminated with Trace Metals: An Overview., 2017, , 165-193. Selection of Zygosaccharomyces rouxii strains resistant to cadmium with improved removal abilities 467 through ultraviolet-diethyl sulfate cooperative mutagenesis. Environmental Science and Pollution 2.7 4 Research, 2017, 24, 18630-18639. Plant-Microbe Interactions in Adaptation of Agricultural Crops to Abiotic Stress Conditions., 2017,, 468 163-200. X-ray metal assessment and ovarian ultrastructure alterations of the beetle, Blaps polycresta 469 (Coleoptera, Tenebrionidae), inhabiting polluted soil. Environmental Science and Pollution Research, 2.7 13 2017, 24, 14867-14876. Algae-mediated biosynthesis of inorganic nanomaterials as a promising route in nanobiotechnology $\hat{a} \in \hat{a}$ a review. Green Chemistry, 2017, 19, 552-587. 4.6 Enhanced biological stabilization of heavy metals in sediment using immobilized sulfate reducing 471 6.5 56 bacteria beads with inner cohesive nutrient. Journal of Hazardous Materials, 2017, 324, 340-347. Green remediation. Tool for safe and sustainable environment: a review. Applied Water Science, 2017, 7, 472 2.8 2629-2635. Predictive Model for Propagation of Beneficial Microbes in Variably Saturated Soils. Environmental 473 0.8 1 Engineering Science, 2017, 34, 385-393. Biodetoxification of Toxic Heavy Metals by Marine Metal Resistant Bacteria- A Novel Approach for 474 Bioremediation of the Polluted Saline Environment., 2017, , 343-376. Mycoremediation: An Alternative Treatment Strategy for Heavy Metal-Laden Wastewater., 2017,, 475 2 315-340. Cyanobacteria: Role in Agriculture, Environmental Sustainability, Biotechnological Potential and Agroecological Impact. , 2017, , 257-277. Evaluation of <i>Dacryodes edulis</i> (native pear) seed biomass for Pb (II) sorption from aqueous 478 0.1 1 solution. Journal of Applied Sciences and Environmental Management, 2017, 21, 186. Microalgae cultivation in wastewater., 2017, , 67-91. 479 36 A New Strategy for Heavy Metal Polluted Environments: A Review of Microbial Biosorbents. 480 1.2 1.062 International Journal of Environmental Research and Public Health, 2017, 14, 94. Heavy metals bioremediation potential of Klebsiella species isolated from diesel polluted soil. African 481 Journal of Biotechnology, 2017, 16, 1098-1105. CHROTRAN 1.0: A mathematical and computational model for in situ heavy metal remediation in 482 1.32 heterogeneous aquifers. Geoscientific Model Development, 2017, 10, 4525-4538. Yeast Biomass: An Alternative for Bioremediation of Heavy Metals., 0, , .

#	Article	IF	CITATIONS
485	Oxidative Stress, Chromium-Resistance and Uptake by Fungi: Isolated from Industrial Wastewater. Brazilian Archives of Biology and Technology, 2017, 60, .	0.5	5
486	Tratamiento microbiano de aguas ácidas resultantes de la actividad minera: una revisión. Tecnologia Y Ciencias Del Agua, 2017, 08, 75-91.	0.1	3
487	Photoinduced electron transfer process on emission spectrum of N,N′-bis(salicylidene)-1,2-phenylenediamine as a Mg2+ cation chemosensor: A first principle DFT and TDDFT study. Journal of Molecular Structure, 2018, 1161, 339-344.	1.8	10
488	Tolerance and growth kinetics of bacteria isolated from gold and gemstone mining sites in response to heavy metal concentrations. Journal of Environmental Management, 2018, 212, 357-366.	3.8	35
489	Using agro-industrial wastes for the cultivation of microalgae and duckweeds: Contamination risks and biomass safety concerns. Biotechnology Advances, 2018, 36, 1238-1254.	6.0	115
490	The Effect of Zn(<scp>II</scp>) lons and Reactive Oxygen on the Uptake of Zinc and Production of Carotenoids by Selected Red Yeasts. Chemistry and Biodiversity, 2018, 15, e1800069.	1.0	6
491	Extremophilic yeasts: the toughest yeasts around?. Yeast, 2018, 35, 487-497.	0.8	67
492	Tolerance of Ulothrix sp. LAFIC 010 (Chlorophyta) against high concentration of metals from acid mine drainage. Ecotoxicology and Environmental Safety, 2018, 157, 227-234.	2.9	10
493	Role of extracellular polymeric substances in biosorption of Pb2+ by a high metal ion tolerant fungal strain Aspergillus niger PTN31. Journal of Environmental Chemical Engineering, 2018, 6, 2733-2742.	3.3	34
494	Bioremoval of Lead (II) and Cadmium (II) in Single and Multicomponent Systems Using <i>Penicillium </i> sp Key Engineering Materials, 0, 762, 93-98.	0.4	12
495	Metal recovery by microbial electro-metallurgy. Progress in Materials Science, 2018, 94, 435-461.	16.0	110
496	Bioremediation of Heavy Metals. Environmental Chemistry for A Sustainable World, 2018, , 277-311.	0.3	15
498	Micro-remediation of Metals: A New Frontier in Bioremediation. , 2018, , 1-36.		23
499	Colorimetric determination of Hg2+ via thiosemicarbazide-to-oxadiazole transformation of a coumarin-benzopyrylium dye. Tetrahedron Letters, 2018, 59, 1819-1822.	0.7	7
500	Improvement of cadmium phytoremediation by Centella asiatica L. after soil inoculation with cadmium-resistant Enterobacter sp. FM-1. Chemosphere, 2018, 202, 280-288.	4.2	39
501	Mass spectrometryâ€derived systems biology technologies delineate the system's biochemical applications of siderophores. Mass Spectrometry Reviews, 2018, 37, 188-201.	2.8	7
502	Bioremediation of chromium(VI) by Stenotrophomonas maltophilia isolated from tannery effluent. International Journal of Environmental Science and Technology, 2018, 15, 207-216.	1.8	42
503	Optimization of environmental conditions for the growth and bioaccumulation of As(III) and As(V) ions by growing Corynebacterium glutamicum MTCC 2745: inhibition kinetic study. Sustainable Water Resources Management, 2018, 4, 23-44.	1.0	3

#	Article	IF	CITATIONS
504	A Novel High Biosorbent of Pb-resistant Bacterium Isolate for the Removal of Hazardous Lead from Alkaline Soil and Water: Biosorption Isotherms In Vivo and Bioremediation Strategy. Geomicrobiology Journal, 2018, 35, 174-185.	1.0	7
505	Phosphate solubilization and chromium (VI) remediation potential of Klebsiella sp. strain CPSB4 isolated from the chromium contaminated agricultural soil. Chemosphere, 2018, 192, 318-327.	4.2	40
506	Biotransformation of chromium (VI) in liquid effluents by resistant bacteria isolated from the Matanza-Riachuelo basin, in Argentina. Environmental Technology (United Kingdom), 2018, 39, 2848-2855.	1.2	3
507	Heavy metal tolerance traits of filamentous fungi isolated from gold and gemstone mining sites. Brazilian Journal of Microbiology, 2018, 49, 29-37.	0.8	150
508	Isolation of a fungus Pencicillium sp. with zinc tolerance and its mechanism of resistance. Archives of Microbiology, 2018, 200, 159-169.	1.0	16
509	Spatio-seasonal dynamics of bacteria and metal composition of a platinum mine tailings dam, Rustenburg, South Africa. South African Journal of Plant and Soil, 2018, 35, 129-135.	0.4	2
510	Screening and selection of indigenous metal tolerant fungal isolates for heavy metal removal. Environmental Technology and Innovation, 2018, 9, 91-99.	3.0	40
511	Humic and Fulvic Acids as Potentially Toxic Metal Reducing Agents in Water. Clean - Soil, Air, Water, 2018, 46, 1700608.	0.7	12
512	Microalgae and their effects on metal bioavailability in paddy fields. Journal of Soils and Sediments, 2018, 18, 936-945.	1.5	6
513	Native hypersaline sulphate reducing bacteria contributes to iron nanoparticle formation in saltpan sediment: A concern for aquaculture. Journal of Environmental Management, 2018, 206, 556-564.	3.8	17
514	Bioremediation of heavy metal contaminated medium using <i>Lemna minor</i> , <i>Daphnia magna</i> and their consortium. Chemistry and Ecology, 2018, 34, 43-55.	0.6	5
515	Preparation of Pb(II) ion-imprinted polymers and their application in selective removal from wastewater. Adsorption Science and Technology, 2018, 36, 774-787.	1.5	15
516	Constructed Wetlands and their Role in Remediation of Industrial Effluents via Plant-Microbe Interaction – A Mini Review. Journal of Bioremediation & Biodegradation, 2018, 09, .	0.5	14
517	Bioremediation potentials of sunflower and Pseudomonas species in soil contaminated with lead and zinc. African Journal of Biotechnology, 2018, 17, 1324-1330.	0.3	3
518	Removal of copper ions from aqueous solution by <i>Annona squamosa</i> biomass using biosorption. International Journal of Environment and Waste Management, 2018, 22, 201.	0.2	1
519	Microbial-Assisted Phytoremediation: A Convenient Use of Plant and Microbes to Clean Up Soils. , 2018, , 21-87.		10
520	Perspectives of Microbial Inoculation for Sustainable Development and Environmental Management. Frontiers in Microbiology, 2018, 9, 2992.	1.5	111
521	Effects of Extraction Solvents on the Quantification of Free Amino Acids in Lyophilised Brewer's Yeast. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2018, 75, 53	0.1	0

#	Article	IF	CITATIONS
522	Short-term changes in phytoplankton assemblages and their potential for heavy metal bioaccumulation – a laboratory study. Oceanological and Hydrobiological Studies, 2018, 47, 260-274.	0.3	3
523	Cadmium (heavy metals) bioremediation by Pseudomonas aeruginosa: a minireview. Applied Water Science, 2018, 8, 1.	2.8	157
524	Metabolism-dependent bioaccumulation of uranium by Rhodosporidium toruloides isolated from the flooding water of a former uranium mine. PLoS ONE, 2018, 13, e0201903.	1.1	26
525	Heavy Metal Removal by Bioaccumulation Using Genetically Engineered Microorganisms. Frontiers in Bioengineering and Biotechnology, 2018, 6, 157.	2.0	203
526	Bioremediation of Tannery Effluents for Sustainable Production of Leather in Uganda: Literature Review. Journal of Bioremediation & Biodegradation, 2018, 09, .	0.5	0
527	Toxicity and Bioremediation of Heavy Metals Contaminated Ecosystem from Tannery Wastewater: A Review. Journal of Toxicology, 2018, 2018, 1-16.	1.4	498
528	Biosorption of Heavy Metals. , 0, , .		57
529	Phycoremediation resultant lipid production and antioxidant changes in green microalgae Chlorella Sp International Journal of Phytoremediation, 2018, 20, 1144-1151.	1.7	25
530	Mycoremediation for Mine Site Rehabilitation. , 2018, , 233-260.		8
531	Exploring potential applications of a novel extracellular polymeric substance synthesizing bacterium (Bacillus licheniformis) isolated from gut contents of earthworm (Metaphire posthuma) in environmental remediation. Biodegradation, 2018, 29, 323-337.	1.5	27
532	Kinetic studies of adsorption of Cu (II) from aqueous solution by coriander seeds (Coriandrum) Tj ETQq0 0 0 rgBT	Qverlock	10 Tf 50 34
533	Biosynthesis of Metal Nanoparticles via Fungal Dead Biomass in Industrial Bioremediation Process. , 2018, , 165-199.		2
534	Fungal Nanobionics: Principles and Applications. , 2018, , .		38
535	Uranium Removal from Groundwater by Permeable Reactive Barrier with Zero-Valent Iron and Organic Carbon Mixtures: Laboratory and Field Studies. Metals, 2018, 8, 408.	1.0	26
536	Efficiency of microbially assisted phytoremediation of heavy-metal contaminated soils. Environmental Reviews, 2018, 26, 316-332.	2.1	47
537	Bioleaching potential of bacterial communities in historic mine waste areas. Environmental Earth Sciences, 2018, 77, 1.	1.3	7
538	Cadmium detoxification induced by salt stress improves cadmium tolerance of multi-stress-tolerant Pichia kudriavzevii. Environmental Pollution, 2018, 242, 845-854.	3.7	31
539	Chromosomal expression of CadR on Pseudomonas aeruginosa for the removal of Cd(II) from aqueous solutions. Science of the Total Environment, 2018, 636, 1355-1361.	3.9	64

#	Article	IF	CITATIONS
540	Batch and Fixed Bed Biosorption of Copper by Acidified Algae Waste Biomass. Industrial & Engineering Chemistry Research, 2018, 57, 11767-11777.	1.8	27
541	Coupling heavy metal resistance and oxygen flexibility for bioremoval of copper ions by newly isolated Citrobacter freundii JPG1. Journal of Environmental Management, 2018, 226, 194-200.	3.8	21
542	Ocean-based sorbents for decontamination of metal-bearing wastewaters: a review. Environmental Technology Reviews, 2018, 7, 139-155.	2.1	12
543	Chemical characterization of alkali-soluble polysaccharides isolated from a Boletus edulis (Bull.) fruiting body and their potential for heavy metal biosorption. Food Chemistry, 2018, 266, 329-334.	4.2	43
544	Studies on bioremediation of Zn and acid waters using Botryococcus braunii. Journal of Environmental Chemical Engineering, 2018, 6, 3849-3859.	3.3	12
545	Phycotechnological Approaches Toward Wastewater Management. , 2019, , 423-435.		6
546	Copper biosorption by Rhodococcus erythropolis isolated from the Sossego Mine – PA – Brazil. Journal of Materials Research and Technology, 2019, 8, 475-483.	2.6	24
547	Threats to Water: Issues and Challenges Related to Ground Water and Drinking Water. , 2019, , 1-19.		4
548	Characteristics, performances, equilibrium and kinetic modeling aspects of heavy metal removal using algae. Bioresource Technology Reports, 2019, 5, 261-279.	1.5	91
549	Taguchi design of optimum process parameters for sorption of copper ions using different sorbents. Water Science and Technology, 2019, 80, 98-108.	1.2	13
550	Mycoremediation of heavy metal (Cd and Cr)–polluted soil through indigenous metallotolerant fungal isolates. Environmental Monitoring and Assessment, 2019, 191, 585.	1.3	68
551	Phytohormones Regulate Accumulation of Osmolytes Under Abiotic Stress. Biomolecules, 2019, 9, 285.	1.8	412
552	Multimetal bioremediation and biomining by a combination of new aquatic strains of Mucor hiemalis. Scientific Reports, 2019, 9, 10318.	1.6	23
553	Accumulation or <mml:math xmins:mml="http://www.w3.org/1998/Math/Math/Math/Math/Math/Math/Math/Math</td"><td>mrow><m 0.9 mrow><n< td=""><td>nml:mrows 14 nml:mrows</td></n<></m </td></mml:math>	mrow> <m 0.9 mrow><n< td=""><td>nml:mrows 14 nml:mrows</td></n<></m 	nml:mrows 14 nml:mrows
554	International Journal of Microbiology, 2019, 2019, 1-7. Removal of metals from water using a novel high-rate algal pond and submerged macrophyte pond treatment reactor. Water Science and Technology, 2019, 79, 1447-1457.	1.2	2
555	Rational Design and Development of Electrospun Nanofibrous Biohybrid Composites. ACS Applied Bio Materials, 2019, 2, 3128-3143.	2.3	27
556	Bioremediation of Organic and Inorganic Pollutants Using Microalgae. , 2019, , 223-235.		20
558	Electronic Waste Pollution. Soil Biology, 2019, , .	0.6	5

	Charlow R	_FORT	
#	ARTICLE	IF	CITATIONS
999	A Report on Fungar (14) 5)-1±-0-grucans. Properties, Functions and Application. Molecules, 2019, 24, 3972.	1.7	29
560	Potential sulfate reducing bacteria for decrease Fe and Mn determination agents on ex-coal mining soil in Samarinda. Journal of Physics: Conference Series, 2019, 1277, 012009.	0.3	0
561	Reducing Cr6+ in electroplating wastewater with Bacillus cereus strain B1. Universitas Scientiarum, 2019, 24, 73-89.	0.2	5
562	Environmental Arsenic and Selenium Contamination and Approaches Towards Its Bioremediation Through the Exploration of Microbial Adaptations: A Review. Pedosphere, 2019, 29, 554-568.	2.1	32
563	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. Environmental Research, 2019, 179, 108792.	3.7	309
564	Microbial mercury methylation in the cryosphere: Progress and prospects. Science of the Total Environment, 2019, 697, 134150.	3.9	7
565	Biological impact of nanoscale lithium intercalating complex metal oxides to model bacteriumB. subtilis. Environmental Science: Nano, 2019, 6, 305-314.	2.2	9
566	Use of Fungi in Mitigating Cadmium Toxicity in Plants. , 2019, , 397-426.		7
567	Evaluation of Aspergillus tamarii NRC 3 biomass as a biosorbent for removal and recovery of heavy metals from contaminated aqueous solutions. Bulletin of the National Research Centre, 2019, 43, .	0.7	19
568	Microbial lectins. , 2019, , 135-147.		1
569	A Review on Biological Processes for Pharmaceuticals Wastes Abatement—A Growing Threat to Modern Society. Environmental Science & Technology, 2019, 53, 7185-7202.	4.6	77
570	Bioflocculant production and heavy metal sorption by metal resistant bacterial isolates from gold mining soil. Chemosphere, 2019, 231, 113-120.	4.2	60
571	Micro-remediation of Metals: A New Frontier in Bioremediation. , 2019, , 479-513.		0
572	Tandem oligomeric expression of metallothionein enhance heavy metal tolerance and bioaccumulation in Escherichia coli. Ecotoxicology and Environmental Safety, 2019, 181, 301-307.	2.9	23
573	Biosorption of Heavy Metals and Dyes from Industrial Effluents by Microalgae. , 2019, , 599-634.		18
574	Biosorption technology for removal of toxic metals: a review of commercial biosorbents and patents. Environmental Science and Pollution Research, 2019, 26, 19097-19118.	2.7	75
575	Trace Elements in <i>Pleurotus Ostreatus</i> , <i>P. Eryngii,</i> and <i>P. Nebrodensis</i> Mushrooms Cultivated on Various Agricultural By-Products. Analytical Letters, 2019, 52, 2692-2709.	1.0	8
576	Biotechnological Tools in the Remediation of Cadmium Toxicity. , 2019, , 497-520.		1

#	Article	IF	CITATIONS
577	Multimetal tolerance mechanisms in bacteria: The resistance strategies acquired by bacteria that can be exploited to †clean-up' heavy metal contaminants from water. Aquatic Toxicology, 2019, 212, 1-10.	1.9	125
578	Enhanced Methyl Orange Removal Using a Newly Isolated Bacterial Strain and Potassiumâ€lodideâ€Doped Hydroxyapatite Nanoparticles. Clean - Soil, Air, Water, 2019, 47, 1900160.	0.7	0
579	Microbes-Assisted Remediation of Metal Polluted Soils. , 2019, , 223-232.		1
580	Experimental and geochemical simulation of nickel carbonate mineral precipitation by carbonate-laden ureolytic fungal culture supernatants. Environmental Science: Nano, 2019, 6, 1866-1875.	2.2	18
581	Responses to copper stress in the metalâ€resistant bacterium <i>Cupriavidus gilardii</i> CR3: a wholeâ€transcriptome analysis. Journal of Basic Microbiology, 2019, 59, 446-457.	1.8	13
582	Endophytic Fungi: Biodiversity, Ecological Significance, and Potential Industrial Applications. Fungal Biology, 2019, , 1-62.	0.3	46
583	Fungi as potential tool for polluted port sediment remediation. Environmental Science and Pollution Research, 2019, 26, 35602-35609.	2.7	22
584	Sorption mechanism and distribution of cadmium by different microbial species. Journal of Environmental Management, 2019, 237, 552-559.	3.8	40
585	The detoxification of heavy metals from aqueous environment using nano-photocatalysis approach: a review. Environmental Science and Pollution Research, 2019, 26, 10515-10528.	2.7	121
586	Exploring the application of biostimulation strategy for bacteria in the bioremediation of industrial effluent. Annals of Microbiology, 2019, 69, 541-551.	1.1	7
587	Bioimmobilization of lead by <i>Bacillus subtilis</i> X3 biomass isolated from lead mine soil under promotion of multiple adsorption mechanisms. Royal Society Open Science, 2019, 6, 181701.	1.1	31
588	Endophytic Microbes: Prospects and Their Application in Abiotic Stress Management and Phytoremediation. , 2019, , 313-333.		3
589	Potential of mercury-tolerant bacteria for bio-uptake of mercury leached from discarded fluorescent lamps. Journal of Environmental Management, 2019, 237, 217-227.	3.8	14
590	A highly turn-on fluorescent CHEF-type chemosensor for selective detection of Cu2+ in aqueous media. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 215, 348-353.	2.0	33
591	Metabolic Engineering of Rhizobacteria Associated With Plants for Remediation of Toxic Metals and Metalloids. , 2019, , 299-318.		9
592	Phyto and Rhizo Remediation. Microorganisms for Sustainability, 2019, , .	0.4	2
593	Microalgae: Gizmo to Heavy Metals Removal. , 2019, , 221-228.		0
594	Living biomass supported on a natural-fiber biofilter for lead removal. Journal of Environmental Management, 2019, 231, 825-832.	3.8	16

#	Article	IF	CITATIONS
595	Biotreatment of malachite green from aqueous solution and simulated textile effluent by growing cells (batch mode) and activated sludge system. Groundwater for Sustainable Development, 2019, 8, 172-178.	2.3	18
596	The Role of Microbes in Chromium Bioremediation of Tannery Effluent. Energy, Environment, and Sustainability, 2019, , 369-377.	0.6	6
597	Ludwigia stolonifera for remediation of toxic metals from simulated wastewater. Chemistry and Ecology, 2019, 35, 164-178.	0.6	45
598	The Role of Microalgae in Wastewater Treatment. , 2019, , .		6
599	Overview of wastewater treatment methods with special focus on biopolymer chitin-chitosan. International Journal of Biological Macromolecules, 2019, 121, 1086-1100.	3.6	183
600	Black sesame pigment extract from sesame dregs by subcritical CO2: Extraction optimization, composition analysis, binding copper and antioxidant protection. LWT - Food Science and Technology, 2019, 100, 28-34.	2.5	7
601	Optimization of heavy metal biosorption onto freshwater algae (Chlorella coloniales) using response surface methodology (RSM). Chemosphere, 2019, 217, 447-455.	4.2	183
602	Using Sarcocornia fruticosa and Saccharomyces cerevisiae to remediate metal contaminated sediments of the Ria Formosa lagoon (SE Portugal). Ecohydrology and Hydrobiology, 2019, 19, 588-597.	1.0	21
603	Characterization of phosphate solubilizing bacteria isolated from heavy metal contaminated soils and their potential for lead immobilization. Journal of Environmental Management, 2019, 231, 189-197.	3.8	128
604	Selective metal accumulation by metal-resistant bacteria growing on spent engine oil in single and ternary metal mixtures. International Journal of Environmental Science and Technology, 2019, 16, 4945-4954.	1.8	2
605	Acid stress induces cross-protection for cadmium tolerance of multi-stress-tolerant Pichia kudriavzevii by regulating cadmium transport and antioxidant defense system. Journal of Hazardous Materials, 2019, 366, 151-159.	6.5	27
606	Bioremediation of heavy metals in food industry: Application of Saccharomyces cerevisiae. Electronic Journal of Biotechnology, 2019, 37, 56-60.	1.2	84
607	Characterization of Cu and Cd biosorption by Pseudomonas sp. strain DC-B3 isolated from metal mine soil. International Journal of Environmental Science and Technology, 2019, 16, 4035-4046.	1.8	21
608	Evaluation of different Fusarium species–wheat interactions effect on Cd biosorption by wheat seedlings. International Journal of Environmental Science and Technology, 2019, 16, 1873-1884.	1.8	2
609	Application of Fruit Wastes as Cost-Effective Carbon Sources for Biological Sulphate Reduction. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 33-41.	0.7	14
610	Adsorptive Removal and Recovery of Heavy Metal Ions from Aqueous Solution/Effluents Using Conventional and Non-conventional Materials. , 2020, , 309-328.		5
611	Modern Age Waste Water Problems. , 2020, , .		4
612	Mercury detoxification by absorption, mercuric ion reductase, and exopolysaccharides: a comprehensive study. Environmental Science and Pollution Research, 2020, 27, 27181-27201.	2.7	38

#	Article	IF	CITATIONS
613	Bioremediation of Toxic Heavy Metals Using Marine Algae Biomass. Environmental Chemistry for A Sustainable World, 2020, , 69-98.	0.3	10
614	Biogenic Gold Nanoparticles from Fusarium oxysporum: The Impact of Fungal Morphology and Localization Studies. Journal of Cluster Science, 2020, 31, 1185-1197.	1.7	3
615	Removal of total dissolved solids from wastewater using a revolving algal biofilm reactor. Water Environment Research, 2020, 92, 766-778.	1.3	45
616	Bioremediation of copper by active cells of Pseudomonas stutzeri LA3 isolated from an abandoned copper mine soil. Journal of Environmental Management, 2020, 253, 109706.	3.8	47
617	Boosting the Loading of Metal Single Atoms via a Bioconcentration Strategy. Small, 2020, 16, e1905920.	5.2	40
618	Metal bioremediation potential of the halophilic bacterium, Halomonas sp. strain WQL9 isolated from Lake Qarun, Egypt. Egyptian Journal of Aquatic Research, 2020, 46, 19-25.	1.0	11
619	Resource Recovery From Waste Streams Using Microalgae: Opportunities and Threats. , 2020, , 337-351.		4
620	Role of cotton sticks biochar in immobilization of nickel under induced toxicity condition and growth indices of Trigonella corniculata L Environmental Science and Pollution Research, 2020, 27, 1752-1761.	2.7	24
621	Heavy metals phycoremediation using tolerant green microalgae: Enzymatic and non-enzymatic antioxidant systems for the management of oxidative stress. Journal of Environmental Chemical Engineering, 2020, 8, 104460.	3.3	57
622	The Garden Candytuft (Iberis umbellata L.): At the Crossroad of Copper Accumulation and Glucosinolates. Processes, 2020, 8, 1116.	1.3	4
623	Insight into the Cd2+ biosorption by viable Bacillus cereus RC-1 immobilized on different biochars: Roles of bacterial cell and biochar matrix. Journal of Cleaner Production, 2020, 272, 122743.	4.6	50
624	Bioaccumulation of Ni(II) on growing cells of Bacillus sp.: Response surface modeling and mechanistic insight. Environmental Technology and Innovation, 2020, 20, 101057.	3.0	9
625	A bioassimilation and bioaccumulation model for the removal of heavy metals from wastewater using algae: New strategy. Chemical Engineering Research and Design, 2020, 144, 52-64.	2.7	32
626	Chromium (VI) tolerance and bioaccumulation by Candida tropicalis isolated from textile wastewater. Sustainable Environment Research, 2020, 30, .	2.1	10
627	Isolation and characterization of an acid and metal tolerant Enterobacter cloacae NZS strain from former mining lake in Selangor, Malaysia. Beni-Suef University Journal of Basic and Applied Sciences, 2020, 9, .	0.8	3
628	Superbugs, silver bullets, and new battlefields. , 2020, , 81-106.		1
629	Bioprocessing optimization for efficient simultaneous removal of methylene blue and nickel by Gracilaria seaweed biomass. Scientific Reports, 2020, 10, 17439.	1.6	32
631	Algal and cyanobacterial biomass as potential dye biodecolorizing material: a review. Biotechnology Letters, 2020, 42, 2467-2488.	1.1	19

#	Article	IF	CITATIONS
632	Application of live Chlorococcum aquaticum biomass for the removal of Pb(II) from aqueous solutions. Journal of Applied Phycology, 2020, 32, 4069-4080.	1.5	17
633	Plasma membrane H+ pump at a crossroads of acidic and iron stresses in yeast-to-hypha transition. Metallomics, 2020, 12, 2174-2185.	1.0	3
634	Mitigation of Nickel Toxicity and Growth Promotion in Sesame through the Application of a Bacterial Endophyte and Zeolite in Nickel Contaminated Soil. International Journal of Environmental Research and Public Health, 2020, 17, 8859.	1.2	36
635	Processing of Metals and Metalloids by Actinobacteria: Cell Resistance Mechanisms and Synthesis of Metal(loid)-Based Nanostructures. Microorganisms, 2020, 8, 2027.	1.6	31
636	Assessment of the aerobic glass beads fixed biofilm reactor (GBs-FBR) for the treatment of simulated methylene blue wastewater. Scientific Reports, 2020, 10, 20705.	1.6	3
637	Studies of Bacillus subtilis NAP1 to degrade BOD, COD, TSS, and pH: The indigenous bacteria in Indonesia batik wastewater. Journal of Physics: Conference Series, 2020, 1511, 012060.	0.3	6
638	Assessment of chitosan coated Aspergillusniger as biosorbent for dye removal and its impact on the heavy metal and physicochemical parameters of textile wastewater. African Journal of Environmental Science and Technology, 2020, 14, 281-289.	0.2	4
639	Bioconversion of highâ€concentration chelated Cd to nanoâ€CdS photocatalyst by sulfateâ€reducing bacteria. Journal of Chemical Technology and Biotechnology, 2020, 95, 3003-3011.	1.6	3
640	Bioremediation of co-contaminated soil with heavy metals and pesticides: Influence factors, mechanisms and evaluation methods. Chemical Engineering Journal, 2020, 398, 125657.	6.6	235
641	Sorption Mechanism and Optimization Study for the Bioremediation of Pb(II) and Cd(II) Contamination by Two Novel Isolated Strains Q3 and Q5 of Bacillus sp International Journal of Environmental Research and Public Health, 2020, 17, 4059.	1.2	28
642	Hexavalent chromium sequestration from electronic waste by biomass of <i>Aspergillus carbonarius</i> . Bioengineered, 2020, 11, 708-717.	1.4	30
643	Contamination, bioconcentration and distribution of mercury in Tricholoma spp. mushrooms from southern and northern regions of Europe. Chemosphere, 2020, 251, 126614.	4.2	13
644	Pennisetum sinese: A Potential Phytoremediation Plant for Chromium Deletion from Soil. Sustainability, 2020, 12, 3651.	1.6	13
645	Development and performance evaluation of native microbial consortium for multi metal removal in lab scale aerobic and anaerobic bioreactor. Environmental Technology and Innovation, 2020, 18, 100714.	3.0	15
646	Cyanobacteria: as a promising candidate for heavy-metals removal. , 2020, , 291-300.		5
647	Role of microalgae in treatment of acid mine drainage and recovery of valuable metals. Materials Today: Proceedings, 2020, 30, 346-350.	0.9	23
648	Mechanistic insight to mycoremediation potential of a metal resistant fungal strain for removal of hazardous metals from multimetal pesticide matrix. Environmental Pollution, 2020, 262, 114255.	3.7	28
649	Coupling Laccase production from Trametes pubescence with heavy metal removal for Economic Waste Water Treatment. Journal of Water Process Engineering, 2020, 37, 101357.	2.6	23

#	Article	IF	CITATIONS
650	Molecular identification and phylogenetic analysis of chromium-resistant bacteria isolated from chromite mine area soil, Sukinda, India using 16S rRNA sequencing. Soil and Sediment Contamination, 2020, 29, 805-822.	1.1	8
651	Application of bacterial extracellular polymeric substances for detoxification of heavy metals from contaminated environment: A mini-review. Materials Today: Proceedings, 2020, 30, 283-288.	0.9	20
652	Biosorption of copper by immobilized biomass of Aspergillus australensis. Effect of metal on the viability, cellular components, polyhydroxyalkanoates production, and oxidative stress. Environmental Science and Pollution Research, 2020, 27, 28545-28560.	2.7	11
653	Nickel: Human Health and Environmental Toxicology. International Journal of Environmental Research and Public Health, 2020, 17, 679.	1.2	685
654	Copper tolerant Trichoderma asperellum increases bio-efficacy of copper against Phytophthora infestans in dual combination. Phytoparasitica, 2020, 48, 357-370.	0.6	6
655	Beneficial microorganisms in the remediation of heavy metals. , 2020, , 417-423.		4
656	Environmental Biotechnology Vol. 3. Environmental Chemistry for A Sustainable World, 2021, , .	0.3	0
657	Fate of aluminium and nickel in soil. Evaluation through lysimeters under laboratory conditions. Soil and Sediment Contamination, 2021, 30, 187-200.	1.1	1
658	Bioremediation mechanism and potential of copper by actively growing fungus Trichoderma lixii CR700 isolated from electroplating wastewater. Journal of Environmental Management, 2021, 277, 111370.	3.8	37
659	Toxicity of Hexavalent Chromium and Its Microbial Detoxification Through Bioremediation. , 2021, , 513-542.		0
660	Microbial linkages in the heavy metal remediation. , 2021, , 367-395.		0
661	Environmental Microbiology and Biotechnology. , 2021, , .		4
662	Dielectrophoretic ultraâ€highâ€frequency characterization and in silico sorting on uptake of rare earth elements by Cupriavidus necator. Electrophoresis, 2021, 42, 656-666.	1.3	2
663	Latest developments in wastewater treatment and biopolymer production by microalgae. Journal of Environmental Chemical Engineering, 2021, 9, 104926.	3.3	72
664	Role of bacteria and algae in remediation of heavy metals from wastewater treatment plants. , 2021, , 23-46.		1
665	Heavy Metals Contamination of Arable Lands: A Threat to Food Security and Safety. , 2021, , 791-806.		0
666	Effect of Hydrogen Sulfide on Osmotic Adjustment of Plants Under Different Abiotic Stresses. Plant in Challenging Environments, 2021, , 73-85.	0.4	2
667	Applications of Myconanoparticles in Remediation: Current Status and Future Challenges. Fungal Biology, 2021, , 225-239.	0.3	0

# 668	ARTICLE Fluoride Contamination in Underground Water and Its Treatment. , 2021, , 249-280.	IF	CITATIONS 2
669	Insights into the Status of Heavy Metal Resistant Rhizobacterial Communities in the Heavy Metal Contaminated Sites. Environmental Science and Engineering, 2021, , 13-33.	0.1	0
670	Microbial Bioremediation of Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 417-439.	0.3	3
671	Microbial Degradation of Organic Constituents for Sustainable Development. , 2021, , 103-117.		0
672	Remediation of Heavy Metals Through Genetically Engineered Microorganism. Environmental and Microbial Biotechnology, 2021, , 315-366.	0.4	2
673	Integration of bacterial and algal metabolic repertoire in the removal of heavy metals from wastewater. , 2021, , 375-402.		1
674	Biosorption-driven green technology for the treatment of heavy metal(loids)-contaminated effluents. , 2021, , 71-91.		1
676	Characterization of a Bacillus megaterium strain with metal bioremediation potential and in silico discovery of novel cadmium binding motifs in the regulator, CadC. Applied Microbiology and Biotechnology, 2021, 105, 2573-2586.	1.7	16
677	Cadmium tolerance and bioremediation potential of filamentous fungus Penicillium chrysogenum FMS2 isolated from soil. International Journal of Environmental Science and Technology, 2022, 19, 2761-2770.	1.8	13
678	<i>Kluyveromyces marxianus</i> : a potential biocatalyst of renewable chemicals and lignocellulosic ethanol production. Critical Reviews in Biotechnology, 2021, 41, 1131-1152.	5.1	28
679	Fluctuation analysis to select for Samarium bio-uptaking microalgae clones the repurposing of a classical evolution experiment. Ecotoxicology and Environmental Safety, 2021, 215, 112134.	2.9	1
680	Intertidal community of fucoid seaweeds in the Yarnyshnaya Bay, the Barents Sea. Vestnik MGTU, 2021, 24, 149-159.	0.0	1
681	Molecular characterization of marine bacterial isolates of Visakhapatnam coast—efficacy in dye decolorization and bioremediation of cadmium. Journal of Genetic Engineering and Biotechnology, 2021, 19, 87.	1.5	7
682	Recent Advances in Enzymes for the Bioremediation of Pollutants. Biochemistry Research International, 2021, 2021, 1-12.	1.5	49
683	Cu, Ni, and Zn effects on basic physiological and stress parameters of Raphidocelis subcapitata algae. Environmental Science and Pollution Research, 2021, 28, 58426-58441.	2.7	15
685	Biofilm Formation, Production of Matrix Compounds and Biosorption of Copper, Nickel and Lead by Different Bacterial Strains. Frontiers in Microbiology, 2021, 12, 615113.	1.5	24
686	Determination of elemental distribution and evaluation of elemental concentration in single <i>Saccharomyces cerevisiae</i> cells using single cell-inductively coupled plasma mass spectrometry. Metallomics, 2021, 13, .	1.0	8
687	Assessment of heavy metal bioremediation potential of bacterial isolates from landfill soils. Saudi Journal of Biological Sciences, 2021, 28, 3948-3956.	1.8	29

#	Article	IF	CITATIONS
688	A comprehensive review on magnetic carbon nanotubes and carbon nanotube-based buckypaper for removal of heavy metals and dyes. Journal of Hazardous Materials, 2021, 413, 125375.	6.5	223
689	Coprinus comatus endophytic bacteria characteristics and mechanisms for the cadmium resistance. Environmental Science and Pollution Research, 2022, 29, 584-593.	2.7	3
691	Pleurotus strains with remediation potential to remove toxic metals from Doce River contaminated by Samarco dam mine. International Journal of Environmental Science and Technology, 2022, 19, 6625-6638.	1.8	3
692	Biosorption of rare-earth and toxic metals from aqueous medium using different alternative biosorbents: evaluation of metallic affinity. Environmental Science and Pollution Research, 2022, 29, 79788-79797.	2.7	4
693	The effects of anaerobic reactor post-treatments by rapid filtration systems and conventional techniques. Environmental Science and Pollution Research, 2022, 29, 61870-61880.	2.7	1
694	Microbial removal of Cr (VI) by a new bacterial strain isolated from the site contaminated with coal mine effluents. Journal of Environmental Chemical Engineering, 2021, 9, 106279.	3.3	17
695	Experiments and simulation of co-migration of copper-resistant microorganisms and copper ions in saturated porous media. Journal of Contaminant Hydrology, 2021, 242, 103857.	1.6	3
696	Bioremoval capacity of Co+2 using Phormidium tenue and Chlorella vulgaris as biosorbents. Environmental Research, 2022, 204, 111630.	3.7	17
697	Synergic effect of selenium nanoparticles and lactic acid bacteria in reduction cadmium toxicity. Journal of Molecular Structure, 2022, 1247, 131325.	1.8	22
698	Immobilized fungal technology: a new perspective for bioremediation of heavy metals. , 2021, , 541-559.		0
699	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35.	0.3	1
699 700	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35. Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342.	0.3	1 0
699 700 702	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35. Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342. Mycoremediation- Effective strategy to ameliorate arsenic toxicity. , 2021, , 433-458.	0.3	1 0 2
699700702703	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35.Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342.Mycoremediation- Effective strategy to ameliorate arsenic toxicity. , 2021, , 433-458.Copper removal from semiconductor CMP wastewater in the presence of nano-SiO2 through biosorption. Journal of Water Reuse and Desalination, 2021, 11, 289-300.	0.3	1 0 2 2
 699 700 702 703 705 	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35.Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342.Mycoremediation- Effective strategy to ameliorate arsenic toxicity. , 2021, , 433-458.Copper removal from semiconductor CMP wastewater in the presence of nano-SiO2 through biosorption. Journal of Water Reuse and Desalination, 2021, 11, 289-300.The Role of Fungi and Genes for the Removal of Environmental Contaminants from Water/Wastewater Treatment Plants. Fungal Biology, 2020, , 349-370.	0.3	1 0 2 2 3
 699 700 702 703 705 706 	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35.Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342.Mycoremediation- Effective strategy to ameliorate arsenic toxicity. , 2021, , 433-458.Copper removal from semiconductor CMP wastewater in the presence of nano-SiO2 through biosorption. Journal of Water Reuse and Desalination, 2021, 11, 289-300.The Role of Fungi and Genes for the Removal of Environmental Contaminants from Water/Wastewater Treatment Plants. Fungal Biology, 2020, , 349-370.Heavy Metal Mitigation with Special Reference to Bioremediation byÂMixotrophic Algae-Bacterial Protocooperation. Nanotechnology in the Life Sciences, 2020, , 305-334.	0.3	1 0 2 2 3 6
 699 700 702 703 705 706 707 	Tolerance of Microorganisms to Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 19-35.Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. , 2021, , 323-342.Mycoremediation- Effective strategy to ameliorate arsenic toxicity. , 2021, , 433-458.Copper removal from semiconductor CMP wastewater in the presence of nano-SiO2 through biosorption. Journal of Water Reuse and Desalination, 2021, 11, 289-300.The Role of Fungi and Genes for the Removal of Environmental Contaminants from Water/Wastewater Treatment Plants. Fungal Biology, 2020, , 349-370.Heavy Metal Mitigation with Special Reference to Bioremediation byÂMixotrophic Algae-Bacterial Protocooperation. Nanotechnology in the Life Sciences, 2020, , 305-334.Perspective in Bioremediation: Enhancing the Hexavalent Chromium Removal Using Native Yeasts from TucumĂ _i n, Argentina. , 2014, , 209-221.	0.3	1 0 2 2 3 6 1

ARTICLE IF CITATIONS # Microbial Remediation of Metals in Soils. Soil Biology, 2009, , 201-220. 709 0.6 9 Heavy Metal Bioremediation and Nanoparticle Synthesis by Metallophiles. Soil Biology, 2014, , 101-118. 711 Biotechnological Strategies for Remediation of Toxic Metal(loid)s from Environment., 2017, , 315-359. 8 Rhizobacteria for Reducing Heavy Metal Stress in Plant and Soil. Microorganisms for Sustainability, 2019, , 179-203. Microbial Biotransformation of Hexavalent Chromium [Cr(VI)] in Tannery Wastewater., 2020, , 143-152. 713 1 Microalgal Technology: A Promising Tool for Wastewater Remediation. Microorganisms for 714 0.4 Sustainability, 2020, , 25-56. Concepts and Application of Plantâ€"Microbe Interaction in Remediation of Heavy Metals. Rhizosphere 715 0.4 14 Biology, 2021, , 55-77. Plant-Microbe-Soil Interactions for Reclamation of Degraded Soils: Potential and Challenges. 0.4 Microorganisms for Sustainability, 2019, , 147-173. Enhanced cadmium phytoremediation of Glycine max L. through bioaugmentation of cadmium-resistant 717 4.2 57 bacteria assisted by biostimulation. Chemosphere, 2017, 185, 764-771. Bioremediation potential of novel fungal species isolated from wastewater for the removal of lead 718 from liquid medium. Environmental Technology and Innovation, 2020, 18, 100757. Biosorption of Elements. RSC Green Chemistry, 2013, , 80-113. 719 0.0 2 Effects of Lead and Gasoline Contamination on Geotechnical Properties of Clayey Soils. Soil and 721 1.1 Sediment Contamination, 2020, 29, 340-354. \hat{a} €" Biology of Actinomycetes in the Rhizosphere of Nitrogen-Fixing Plants. , 2013, , 9-33. 723 1 Bioremediation of Tannery Wastewater by Chromium Resistant Fungal Isolate Fusarium chlamydosporium SPFS2-g. Current World Environment Journal, 2014, 9, 721-727. 724 0.2 The Response of Dark Septate Endophytes (DSE) to Heavy Metals in Pure Culture. PLoS ONE, 2012, 7, 725 99 1.1 e47968. Extra and Intracellular Synthesis of Nickel Oxide Nanoparticles Mediated by Dead Fungal Biomass. 64 PLoS ONE, 2015, 10, e0129799. Cd-Resistant Strains of B. cereus S5 with Endurance Capacity and Their Capacities for Cadmium 727 1.1 23 Removal from Cadmium-Polluted Water. PLoS ONE, 2016, 11, e0151479. Potential of Some Fungal and Bacterial Species in Bioremediation of Heavy Metals. Journal of Nuclear 0.1

CITATION REPORT

Physics Material Sciences Radiation and Applications, 2014, 1, 213-223.

#	Article	IF	CITATIONS
729	Bioremoval Of Cadmium Using Pseudomonas fluorescens. Open Journal of Water Pollution and Treatment, 2014, 2014, 92-100.	0.2	20
730	Efeito da toxicidade de Cr (VI) e Zn (II) no crescimento do fungo filamentoso Aspergillus niger isolado de efluente industrial. Engenharia Sanitaria E Ambiental, 2011, 16, 237-244.	0.1	8
731	Application of a bacterial extracellular polymeric substance in heavy metal adsorption in a co-contaminated aqueous system. Brazilian Journal of Microbiology, 2008, 39, 780-6.	0.8	11
732	Remoción de contaminantes y crecimiento del alga Scenedesmus sp. en aguas residuales de curtiembres, comparación entre células libres e inmovilizadas. IngenierÃa Y Ciencia, 2018, 14, 11-34.	0.3	6
733	Bioaccumulation of Heavy Metals by Metal-Resistant Bacteria Isolated from Tagetes minuta Rhizosphere, Growing in Soil Adjoining Automobile Workshops. Pakistan Journal of Zoology, 2017, 49, .	0.1	17
734	A HIGHLY HEAVY METAL TOLERANT Fusarium solani WITH EFFICIENT BIOACCUMULATION POTENTIALITY FROM CONTAMINATED SOIL. Journal of Experimental Biology and Agricultural Sciences, 2019, 7, 579-586.	0.1	2
735	Comparing the Phytoremediation Efficiency of Three Different Algae for the Nutrient Removal of Gediz River in Manisa/Turkey. Celal Bayar Universitesi Fen Bilimleri Dergisi, 0, , 737-743.	0.1	2
736	Tolerance and Biosorption of Manganese, Iron and Aluminium by Five Aspergillus Species Isolated from Freshwater. Catrina: the International Journal of Environmntal Sciences, 2017, 16, 61-69.	0.1	1
737	Prognostication of Bioremediation Requisite Around Industrially Contaminated Environment: A Review. Current Biotechnology, 2020, 9, 3-14.	0.2	3
739	Utilización de subproductos agroindustriales para la bioadsorción de metales pesados. TIP Revista Especializada En Ciencias QuÃmico-Biológicas, 0, 23, .	0.3	5
740	Tolerance of Trichoderma sp. to Heavy Metals and its Antifungal Activity in Algerian Marine Environment. Journal of Pure and Applied Microbiology, 2018, 12, 855-870.	0.3	9
741	Bioremediation of Waste Water from Cadmium Pollution using Silicon Dioxide Nanoparticles and Fungal Biomasses. Journal of Pure and Applied Microbiology, 2019, 13, 1561-1570.	0.3	12
742	Heavy metal concentrations in roadside soils of Lithuania's highways. Geologija, 2008, 50, 237-245.	0.1	12
743	Application of Live, Dead and Dried Biomasses of Aspergillus Versicolor for Cadmium Biotreatment. Journal of Human, Environment, and Health Promotion, 2016, 1, 87-98.	0.2	5
744	Study on Biosorption of Heavy Metals by Modified Lignocellulosic Waste. Journal of Applied Sciences, 2011, 11, 3555-3562.	0.1	20
745	Plant Growth Promotion by Brevibacterium under Chromium Stress. Journal of Botany (Faisalabad), 2006, 1, 24-29.	0.8	8
746	Adsorption of Toxic Metals and Control of Mosquitos-borne Disease by Lysinibacillus sphaericus: Dual Benefits for Health and Environment. Biomedical and Environmental Sciences, 2016, 29, 187-96.	0.2	14
747	Heavy Metal Pollution and its Management. Advances in Environmental Engineering and Green Technologies Book Series, 2016, , 27-50.	0.3	3

ARTICLE IF CITATIONS Biosorption of Dye Molecules. Advances in Environmental Engineering and Green Technologies Book 748 0.3 5 Series, 2016, , 51-74. Removal of Toxic Pollutants From Soil Using Microbial Biotechnology. Advances in Environmental 749 Engineering and Green Technologies Book Series, 2018, , 86-105. 750 Biosorption of Heavy Metals., 2019, , 1898-1909. 4 Heavy Metal Pollution and its Management., 2020, , 1013-1036. Trace Metals Levels in African Giant Land Snails (Achatina achatina) from Selected Local Government 752 0.1 5 Areas in Akwa Ibom State, Nigeria. Open Access Library Journal (oalib), 2016, 03, 1-9. Assessment of chromium bioaccumulation in Pseudokirchneriella subcapitata (Korshikov) Hindak by the Central Composite Design (CCD) and Response Surface Methodology (RSM). Journal of the Brazilian Society of Ecotoxicology, 2012, 7, 43-50. 0.3 Bacterial remediation of heavy metal polluted soil and effluent from paper mill industry. 754 0.7 6 Environmental Analysis, Health and Toxicology, 2020, 35, e2020009. Engineering Bacteria for Bioremediation., 0,,. 16 Study of a lead tolerant yeast strain BUSCY1 (MTCC9315). African Journal of Microbiology Research, 757 0.4 3 2011, 5, . Occurrence and diversity of mycobiota in heavy metal contaminated sediments of Mediterranean coastal lagoon El-Manzala, Egypt. Mycosphere, 2015, 6, 228-240. Heavy metal tolerance of filamentous fungal strains isolated from soil irrigated with industrial 759 0.3 38 wastewater. Biologija (Vilnius, Lithuania), 2012, 58, . Bacteria and Fungi as Alternatives for Remediation of Water Resources Polluting Heavy Metals. 0.1 Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2011, 44, 600-614. Heavy Metal Tolerance of Fungi Isolated from Contaminated Soil. Han'guk T'oyang Piryo Hakhoe Chi 761 0.1 24 Han'guk T'oyang Piryo Hakhoe, 2012, 45, 565-571. Accumulation of Cu by Microalgae Scenedesmus obliquus and Synechocystis sp. PCC 6803. IOSR 0.1 Journal of Environmental Science, Toxicology and Food Technology, 2014, 8, 64-68. Toxicity potential of electroplating wastewater and its bioremediation approaches: a review. 763 2.1 8 Environmental Technology Reviews, 2021, 10, 238-254. Highly Efficient Removal of Cu(II) Ions from Acidic Aqueous Solution Using ZnO Nanoparticles as 764 Nano-Adsorbents. Water (Switzerland), 2021, 13, 2960. Microbe-Assisted Alleviation of Heavy Metal Toxicity in Plants: A Review. Geomicrobiology Journal, 765 1.0 3 2022, 39, 416-425. Evidence of Resistance of Heavy Metals from Bacteria Isolated from Natural Waters of a Mining Area 1.2 in Mexico. Water (Switzerland), 2021, 13, 2766.

#	Article	IF	CITATIONS
767	Phycoremediation: A sustainable alternative in wastewater treatment (WWT) regime. Environmental Technology and Innovation, 2022, 25, 102040.	3.0	44
768	Transcriptome expression analysis of the gene regulation mechanism of bacterial mineralization tolerance to high concentrations of Cd2+. Science of the Total Environment, 2022, 806, 150911.	3.9	10
769	Potential Eco-friendly Techniques for the Management of Organic Pollutants from Industry Effluents. Emerging Contaminants and Associated Treatment Technologies, 2022, , 399-423.	0.4	0
770	Microbial recovery of critical metals from secondary sources. Bioresource Technology, 2022, 344, 126208.	4.8	28
771	Effect of lyophilization on the acid resistance of a unicellular red alga Galdieria sulphuraria during platinum recovery. Journal of Hazardous Materials Advances, 2021, 3, 100015.	1.2	4
772	Efficiency of Escherichia coli Jm109 and genetical engineering strains (E. coli MT2, E. coli MT3) in cadmium removal from aqueous solutions. Environmental Technology and Innovation, 2021, 24, 102024.	3.0	8
773	Bacterial adaptive strategies to cope with metal toxicity in the contaminated environment – A review. Ecotoxicology and Environmental Safety, 2021, 226, 112863.	2.9	77
774	Engineering Bacterial Biopolymers for the Biosorption of Heavy Metals. , 2005, , 507-534.		2
776	Deactivation of Hazardous Uranium Contaminated Water in Black Sea Basin. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 329-338.	0.1	1
777	1Chapter 4 Bacterial Tolerance in Contaminated Soils: Potential of the PICT Approach in Microbial Ecology. , 2011, , 353-382.		0
778	Isolation and Screening of Some Filamentous Fungi with Various Trace Metals. Indian Journal of Applied Research, 2011, 4, 7-12.	0.0	0
779	EFFECT OF EFFLUENT ON BACTERIA COMPARING WITH TAP WATER. Egyptian Journal of Genetics and Cytology, 2014, 43, 59-71.	0.1	0
781	Lead Biosorption by a Moderately Halophile Penicillium sp. Isolated from Çamalti Saltern in Turkey. Anadolu University Journal of Science and Technology - C Life Sciences and Biotechnology, 2016, 5, .	0.0	0
782	REMOÇÃO DE COBRE POR BIOMASSA DE ENTEROCOCCUS FAECALIS E SALMONELLA ENTERICA SOROVAR ENTERITIDIS EM SOLUÇÃO AQUOSA. Evidência, 2016, 15, 129.	0.1	0
783	Bioremediation of Sulfide Mine Tailings: Response of Different Soil Fractions. , 2017, , 169-186.		0
784	The Removal of Cd(II) by Using Local Materials for the Improvement of Quality of Life. International Journal of Environmental Science and Development, 2017, 8, 204-207.	0.2	0
785	ISOLATION AND MOLECULAR CHARACTERIZATION OF THREE BACILLUS STRAINS FOR THEIR TOLERANCE AGAINST VARIOUS HEAVY METALS. Journal of Microbiology, Biotechnology and Food Sciences, 2017, 6, 1065-1069.	0.4	3
786	Microbial Strategies for Enhanced Phytoremediation of Heavy Metal-Contaminated Soils. , 2017, , 257-272.		0

#	Article	IF	CITATIONS
787	Biosorption of Heavy Metals. Advances in Environmental Engineering and Green Technologies Book Series, 2018, , 270-281.	0.3	0
788	Prospective Sustainability of Utilization of Effective Techniques for Remediation of Heavy Metals From Textile Effluents. Advances in Environmental Engineering and Green Technologies Book Series, 2018, , 19-49.	0.3	1
789	Biosorption of iron by heavy-metal tolerant Micrococcus sp Bayero Journal of Pure and Applied Sciences, 2018, 11, 102-109.	0.1	1
790	Optimization the Removal of Nickel from Simulated Wastewater by A Pseudomonas aeruginosa Biofilm Supported on Clinoptilolite. MuhandisÄ«-i BihdÄ s ht-i Muḥīá¹ , 2018, 6, 27-41.	0.1	1
791	Removal of Toxic Pollutants From Soil Using Microbial Biotechnology. , 2019, , 1456-1476.		0
794	Methylene blue dye removal using Sphagnum palustre L. Bog-moss as a reusable biosorbent. Anatolian Bryology, 0, , .	0.2	5
795	Microbial Electrochemical Technology Drives Metal Recovery. , 2020, , 300-314.		0
796	Heavy metals bio-removal potential of the isolated Klebsiella sp TIU20 strain which improves growth of economic crop plant (Vigna radiata L.) under heavy metals stress by exhibiting plant growth promoting and protecting traits. Biocatalysis and Agricultural Biotechnology, 2021, 38, 102204.	1.5	19
797	Bioinformatics: A New Insight Tool to Deal with Environment Management. , 2021, , 155-184.		0
798	Prospective Sustainability of Utilization of Effective Techniques for Remediation of Heavy Metals From Textile Effluents. , 2022, , 517-542.		0
799	Role of plant-associated bacteria as bio-stimulants in alleviation of chromium toxicity in plants. , 2022, , 199-212.		2
800	Genetically engineered microbes for sustainable therapies. , 2020, , 125-145.		0
801	Insight into the Influencing Mechanism of Endophytic Bacteria on the Adsorption of Heavy Metals by Plants: A Review. Science of Advanced Materials, 2021, 13, 1401-1414.	0.1	3
802	Biosorption of Carcinogenic Heavy Metals by Bacteria: Role and Mechanism. , 2021, , 237-263.		0
803	Mechanistic Insight to Bioremediation of Hazardous Metals and Pesticides from Water Bodies by Microbes. , 2021, , 467-487.		1
805	Cadmium transport activity of four mercury transporters (MerC, MerE, MerF and MerT) and effects of the periplasmic mercury-binding protein MerP on Mer-dependent cadmium uptake. FEMS Microbiology Letters, 2020, 367, .	0.7	12
806	PRODUCTION OF Candida BIOMASSES FOR HEAVY METAL REMOVAL FROM WASTEWATERS. Trakya University Journal of Natural Sciences, 0, , .	0.4	2
807	Use of Fourier Transform Infrared (FTIR) spectroscopy to study cadmium-induced changes in Padina tetrastromatica (Hauck). Analytical Chemistry Insights, 2008, 3, 135-43.	2.7	55

# 808	ARTICLE Microbial bioremediation of aquaculture effluents. , 2022, , 409-417.	IF	CITATIONS
809	Hazardous waste bioremediation. , 2022, , 347-379.		3
810	A meta-analysis of potential ecological risk evaluation of heavy metals in sediments and soils. Gondwana Research, 2022, 103, 487-501.	3.0	44
811	Study on metal binding capacity of the freshwater crab Sinopotamon henanense's recombinant copper specific binding metallothionein expressed in Escherichia coli. Ecotoxicology, 2022, 31, 149-160.	1.1	3
812	Immobilised microalgae simultaneously treat wastewater and produce biomass for biofuel production. International Journal of Environmental Analytical Chemistry, 0, , 1-13.	1.8	0
813	Recent advances in bacterial biosensing and bioremediation of cadmium pollution: a mini-review. World Journal of Microbiology and Biotechnology, 2022, 38, 9.	1.7	32
814	Recovery of Au from dilute aqua regia solutions via adsorption on the lyophilized cells of a unicellular red alga Galdieria sulphuraria: A mechanism study. Journal of Hazardous Materials, 2022, 425, 127982.	6.5	8
815	Weakened Cd toxicity to fungi under coexistence of Pb in solution. Journal of Hazardous Materials, 2022, 426, 127984.	6.5	9
816	Ni(II), Cr(VI), Cu(II) and nitrate removal by the co-system of Pseudomonas hibiscicola strain L1 immobilized on peanut shell biochar. Science of the Total Environment, 2022, 814, 152635.	3.9	26
817	Microbiological and Physicochemical Analysis of Effluent Discharge of Metal Processing Industries. International Journal of Current Microbiology and Applied Sciences, 2020, 9, 3847-3852.	0.0	0
818	Biosorption of Heavy Metals from Aqueous Solutions:Insight and Review. Archives of Industrial Engineering, 0, , 1-31.	0.0	1
820	Bioaccumulation of toxic metals by fungi of the genus Aspergillus isolated from the contaminated area of Ostramo Lagoons. IOP Conference Series: Earth and Environmental Science, 2021, 900, 012048.	0.2	1
821	Rocket (Eruca vesicaria (L.) Cav.) vs. Copper: The Dose Makes the Poison?. Molecules, 2022, 27, 711.	1.7	2
822	Can algae reclaim polychlorinated biphenyl–contaminated soils and sediments?. , 2022, , 273-283.		1
823	Bioremediation of Tannery Effluent Contaminated Soil: A Green Approach. , 2022, , 283-300.		2
824	Biological based methods for the removal of volatile organic compounds and heavy metals. , 2022, , 331-346.		0
825	Mycoremediation of Tunisian tannery wastewater under non-sterile conditions using Trametes versicolor: live and dead biomasses. Biomass Conversion and Biorefinery, 2024, 14, 299-312.	2.9	3
826	Isolation and characterization of chromium (VI) tolerant bacteria from tannery effluents. Journal of Environmental Health Science & Engineering, 2022, 20, 443-458.	1.4	6

#	Article	IF	CITATIONS
827	Techniques of nickel(II) removal from electroplating industry wastewater: Overview and trends. Journal of Water Process Engineering, 2022, 46, 102593.	2.6	23
828	Siderophores: an alternative bioremediation strategy?. Science of the Total Environment, 2022, 819, 153144.	3.9	50
829	Microbial-based eco-friendly processes for the recovery of metals from E-waste. , 2022, , 393-405.		0
830	Eco-Friendly Biogenic Synthesis of Metallic MgO Nanoparticles as Potent Antibacterial and Antibiofilm. Research Journal of Pharmacy and Technology, 2022, , 63-70.	0.2	1
831	Harnessing the Power of Microbes to Overcome Heavy Metal Stress in Crop Plants. Advances in Science, Technology and Innovation, 2022, , 251-275.	0.2	0
832	Microorganisms in metal recovery—Tools or teachers?. , 2022, , 71-86.		5
833	BcGR1.1, a Cytoplasmic Localized Glutathione Reductase, Enhanced Tolerance to Copper Stress in Arabidopsis thaliana. Antioxidants, 2022, 11, 389.	2.2	6
834	Bioremediation of Hazardous Wastes. , 0, , .		2
835	A novel yeast strain Geotrichum sp. CS-67 capable of accumulating heavy metal ions. Ecotoxicology and Environmental Safety, 2022, 236, 113497.	2.9	11
836	Effects of lead pollution on soil microbial community diversity and biomass and on invertase activity. Soil Ecology Letters, 2023, 5, 118-127.	2.4	7
837	The Addition of Different Adsorbents In SA-PVA Matrix For Bacillus Subtilis Immobilization on Methylene Blue Decolorization. IOP Conference Series: Earth and Environmental Science, 2022, 995, 012046.	0.2	1
838	Fully Superhydrophilic, Self-Floatable, and Multi-Contamination-Resistant Solar Steam Generator Inspired by Seaweed. Engineering, 2023, 20, 153-161.	3.2	10
839	Nickel ion extracellular uptake by the phototrophic bacterium Rhodobacter sphaeroides: new insights from Langmuir modelling and X-ray photoelectron spectroscopic analysis. Applied Surface Science, 2022, 593, 153385.	3.1	4
842	Isolated indigenous yeasts from Antarctica with the ability to remove toxic hexavalent chromium. Chemistry and Ecology, 0, , 1-18.	0.6	0
843	Microbial Interventions in Bioremediation of Heavy Metal Contaminants in Agroecosystem. Frontiers in Microbiology, 2022, 13, .	1.5	62
844	Organic ligand interaction with copper(II) ions in both aqueous and non-aqueous media: Overcoming solubility issues for sensing. Sensors and Actuators B: Chemical, 2022, 365, 131934.	4.0	2
845	Toxic and Trace Elements in Seaweeds from a North Atlantic Ocean Region (Tenerife, Canary Islands). Sustainability, 2022, 14, 5967.	1.6	3
846	Insight Into the Molecular Mechanisms Underpinning the Mycoremediation of Multiple Metals by Proteomic Technique. Frontiers in Microbiology, 2022, 13, .	1.5	8

#	Article	IF	CITATIONS
847	Biocementation of Pyrite Tailings Using Microbially Induced Calcite Carbonate Precipitation. Molecules, 2022, 27, 3608.	1.7	15
848	An assessment of the lignocellulose-based biosorbents in removing Cr(VI) from contaminated water: A critical review. Results in Chemistry, 2022, 4, 100406.	0.9	5
849	Biosorption and bioaccumulation of nickel by probiotic lactic acid bacteria isolated from human feces. Bioremediation Journal, 0, , 1-12.	1.0	4
850	Biochemical and industrial potential of aquatic fungi. , 2022, , 135-149.		0
851	Safe bioremediation of chromium by a pseudomonas isolated from industrial waste water and detection of genes responsible for its degradation. Food and Life, 0, , .	0.3	0
852	Occurrence and Health Risk Assessment of Cadmium Accumulation in Three Tricholoma Mushroom Species Collected from Wild Habitats of Central and Coastal Croatia. Journal of Fungi (Basel,) Tj ETQq1 1 0.7843	141rgBT /(Dvørlock 10 T
853	Resonance Rayleigh scattering method for highly sensitive detection of copper ions in water based on salicylaldeoxime-copper (â¡)- 2-methylimidazole supramolecular. Microchemical Journal, 2022, 181, 107744.	2.3	4
854	Resource Recycling, Recovery, and Xenobiotic Remediation from E-wastes Through Biofilm Technology: AÂReview. Applied Biochemistry and Biotechnology, 0, , .	1.4	2
855	Advances in biological methods for the sequestration of heavy metals from water bodies: A review. Environmental Toxicology and Pharmacology, 2022, 94, 103927.	2.0	26
856	Two low-toxic Klebsiella pneumoniae strains from gut of black soldier fly Hermetia illucens are multi-resistance to sulfonamides and cadmium. Environmental Pollution, 2022, 312, 120062.	3.7	7
857	The emerging potential of natural and synthetic algae-based microbiomes for heavy metal removal and recovery from wastewaters. Environmental Research, 2022, 215, 114238.	3.7	11
858	Soil Bacteria and Nematodes for Bioremediation and Amelioration of Polluted Soil. , 2022, , 57-79.		Ο
859	Mechanism of Microbial Detoxification of Heavy Metals: A Review. Journal of Pure and Applied Microbiology, 2022, 16, 1562-1574.	0.3	3
860	Deciphering the mechanisms of zinc tolerance in the cyanobacterium Anabaena sphaerica and its zinc bioremediation potential. Environmental Science and Pollution Research, 0, , .	2.7	1
861	ContaminaciÃ ³ n y hongos: resistencia a metales pesados. , 2022, 3, 215-232.		2
862	Vulnerability and tolerance to nickel of periphytic biofilm harvested in summer and winter. Environmental Pollution, 2022, , 120223.	3.7	0
863	Conflicts between traditional and modern governance structures in Irish seaweed harvesting. Local Environment, 2023, 28, 47-64.	1.1	2
864	Effect of nitrogen source and nickel concentration on green microalga Botryococcus braunii growth and its remediation potential. Journal of Applied Phycology, 2022, 34, 2941-2954.	1.5	2

~		_	
	ON		DT
CHAH		ILEPU	ואי

#	Article	IF	CITATIONS
865	Equilibrium kinetics and thermodynamic studies on biosorption of heavy metals by metal-resistant strains of Trichoderma isolated from tannery solid waste. Environmental Science and Pollution Research, 2023, 30, 10925-10954.	2.7	11
866	Consumption pattern of selected vegetables at five sites in Delhi NCR region. , 2020, 90, 1593-1598.		2
867	Biosorption, Bioaccumulation and Biodegradation: A Sustainable Approach for Management of Environmental Contaminants. , 2022, , 43-59.		0
869	Microbial Enzymes for Sustainable Development: Future Guidelines. Environmental and Microbial Biotechnology, 2022, , 435-446.	0.4	0
870	A comprehensive review on bio-stimulation and bio-enhancement towards remediation of heavy metals degeneration. Chemosphere, 2023, 312, 137099.	4.2	19
871	Highly Selective Methodology for Entrapment and Subsequent Removal of Cobalt (II) Ions under Optimized Conditions by Micellar-Enhanced Ultrafiltration. Molecules, 2022, 27, 8332.	1.7	5
872	Potential of bioaugmentation of heavy metal contaminated soils in the Zambian Copperbelt using autochthonous filamentous fungi. Frontiers in Microbiology, 0, 13, .	1.5	3
873	Hotspots and Tendencies of Energy Optimization Based on Bibliometric Review. Energies, 2023, 16, 158.	1.6	1
874	Microbial Modifications and Biochemical Pathway: Mechanism for Ecosystem Decontamination. , 2023, , 109-124.		0
875	Density and temperature controlled fluid extraction in a bacterial biofilm is determined by poly-Î ³ -glutamic acid production. Npj Biofilms and Microbiomes, 2022, 8, .	2.9	1
876	Myco- and phyco-remediation of polychlorinated biphenyls in the environment: a review. Environmental Science and Pollution Research, 2023, 30, 13994-14007.	2.7	2
878	Toxicity and bioremediation of the lead: a critical review. International Journal of Environmental Health Research, 2024, 34, 1879-1909.	1.3	7
879	Interactive Role of Phenolics and PGPR in Alleviating Heavy Metal Toxicity in Wheat. , 2023, , 287-320.		3
880	Enhanced Bioremediation of arsenic-contaminated groundwater using bacterial biosorption, sequestration, and phytoremediation techniques. , 2023, , 85-96.		1
882	Microorganism assisted synthesized metal and metal oxide nanoparticles for removal of heavy metal ions from the wastewater effluents. , 2023, , 127-148.		1
883	Evaluation of Haloferax mediterranei Strain R4 Capabilities for Cadmium Removal from Brines. Marine Drugs, 2023, 21, 72.	2.2	0
884	Biological methods for the treatment of e-waste. , 2023, , 163-180.		0
885	Wastewater remediation for reuse through emerging technologies. , 2023, , 61-77.		2

#	Article	IF	CITATIONS
886	Synthetic bacteria for the detection and bioremediation of heavy metals. Frontiers in Bioengineering and Biotechnology, 0, 11, .	2.0	5
887	Heavy Metal Contamination in the Aquatic Ecosystem: Toxicity and Its Remediation Using Eco-Friendly Approaches. Toxics, 2023, 11, 147.	1.6	36
888	Bioformulations for Sustainable Phytoremediation of Heavy Metal-Polluted Soil. , 2023, , 101-125.		0
889	Biosorption of process-equipment-related leachables (PERLs) in biomanufacturing: A quantitative approach to study partitioning of PERLs in a cell culture system. International Journal of Pharmaceutics, 2023, 635, 122742.	2.6	1
891	Large scale production of lipid for biodiesel from green microalgae using wastewater. Chemical Engineering Communications, 0, , 1-15.	1.5	1
892	Current Scenario and Future Prospects of Endophytic Microbes: Promising Candidates for Abiotic and Biotic Stress Management for Agricultural and Environmental Sustainability. Microbial Ecology, 2023, 86, 1455-1486.	1.4	20
893	Trends in Harnessing Plant Endophytic Microbiome for Heavy Metal Mitigation in Plants: A Perspective. Plants, 2023, 12, 1515.	1.6	5
894	Mycoremediation as a Potentially Promising Technology: Current Status and Prospects—A Review. Applied Sciences (Switzerland), 2023, 13, 4978.	1.3	9
895	Roles of microbes and composite materials in the remediation of industrial wastewater. , 2023, , 375-402.		0
897	Immobilization of langsat shell (lansium domesticum) to absorption of metal ions Cu. AIP Conference Proceedings, 2023, , .	0.3	0
898	Plant Growth–Promoting Rhizobacteria (PGPR) Assisted Bioremediation of Heavy Metal Toxicity. Applied Biochemistry and Biotechnology, 0, , .	1.4	8
900	The effect of with and without anoxic period for removal synthetic wastewater contaminated cadmium (Cd ² +) by sequencing bath reactor system (SBR). , 2022, , .		0
903	An overview of Schiff base-based fluorescent turn-on probes: a potential candidate for tracking live cell imaging of biologically active metal ions. Sensors & Diagnostics, 2023, 2, 988-1076.	1.9	9
904	Cyanobacteria-Mediated Heavy Metal and Xenobiotic Bioremediation. , 2023, , 275-283.		0
905	Sequestration and Detoxification of Heavy Metals by Fungi. , 2023, , 185-209.		0
909	ϴΫĐĐžÐ¦Ð•Đ¡Ðį ÐĐ"Đ¡ĐžĐĐʻЦĐ~Đ~ ĐĐ•ĐΫОВЕĐĐ¥ĐĐžĐ¡Đ¢Đ~ ĐʻĐĐšĐ¢Đ•ĐĐ~Đ™. , 0, , .		0
914	Eco-friendly and cost-effective metal sequestration mechanism by the use of biosensor microorganisms. , 2023, , 139-162.		0
915	Multiple levels of crosstalks in biostimulant modulation of plant metal homeostasis. , 2023, , 123-147.		0

IF ARTICLE CITATIONS # Biotransformation of Metal-Rich Effluents and Potential Recycle Applications., 0,,. 0 921 Air pollution control technologies., 2024, , 441-497. A review on heavy metal biosorption utilizing modified chitosan. Environmental Monitoring and 925 1.31 Assessment, 2023, 195, . A Detailed Review on the Environmental Problem and Remediation of Anthropogenic Biomass Waste., 2023, , 183-201. Bioaccumulation and Detoxification of Metals Through Genetically Engineered Microorganism. 929 0.1 0 Environmental Science and Engineering, 2023, , 147-187. Biotechnological Approaches in Remediation of Lead Toxicity. Environmental Contamination Remediation and Management, 2024, , 277-298. Innovations in textile wastewater management: a review of zero liquid discharge technology. Environmental Science and Pollution Research, 2024, 31, 12597-12616. 934 2.7 0 Bioremediation of hazardous heavy metals by marine microorganisms: a recent review. Archives of 1.0 Microbiology, 2024, 206, .

CITATION REPORT