

Raina M Maier

List of Publications by Year in descending order

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173
papers

11,432
citations

26630

56
h-index

30922

102
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175
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175
docs citations

175
times ranked

11286
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil microbial community and abiotic soil properties influence Zn and Cd hyperaccumulation differently in <i>Arabidopsis halleri</i> . <i>Science of the Total Environment</i> , 2022, 803, 150006.	8.0	23
2	Removal of uranium from contaminated groundwater using monorhamnolipids and ion flotation. <i>Journal of Environmental Management</i> , 2022, 301, 113835.	7.8	20
3	Double-Network Hydrogel: A Potential Practical Adsorbent for Critical Metals Extraction and Recovery from Water. <i>Environmental Science & Technology</i> , 2022, 56, 4715-4717.	10.0	12
4	Metal Lability and Mass Transfer Response to Direct-Planting Phytostabilization of Pyritic Mine Tailings. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 757.	2.0	2
5	Life-history strategies of soil microbial communities in an arid ecosystem. <i>ISME Journal</i> , 2021, 15, 649-657.	9.8	84
6	Arid Ecosystem Vegetation Canopy-Gap Dichotomy: Influence on Soil Microbial Composition and Nutrient Cycling Functional Potential. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	16
7	Alleviating Environmental Health Disparities Through Community Science and Data Integration. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	5
8	Recovery of Critical Metals from Aqueous Sources. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11616-11634.	6.7	43
9	Contrasting Community Assembly Forces Drive Microbial Structural and Potential Functional Responses to Precipitation in an Incipient Soil System. <i>Frontiers in Microbiology</i> , 2021, 12, 754698.	3.5	4
10	Arsenic and iron speciation and mobilization during phytostabilization of pyritic mine tailings. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 306-323.	3.9	19
11	Biodegradability and Toxicity of Cellobiosides and Melibiosides. <i>Journal of Surfactants and Detergents</i> , 2020, 23, 715-724.	2.1	4
12	New Soil, Old Plants, and Ubiquitous Microbes: Evaluating the Potential of Incipient Basaltic Soil to Support Native Plant Growth and Influence Belowground Soil Microbial Community Composition. <i>Sustainability</i> , 2020, 12, 4209.	3.2	2
13	Soil Microbiome Dynamics During Pyritic Mine Tailing Phytostabilization: Understanding Microbial Bioindicators of Soil Acidification. <i>Frontiers in Microbiology</i> , 2019, 10, 1211.	3.5	36
14	Ecosystem-bedrock interaction changes nutrient compartmentalization during early oxidative weathering. <i>Scientific Reports</i> , 2019, 9, 15006.	3.3	22
15	Effect of Re-acidification on Buffalo Grass Rhizosphere and Bulk Microbial Communities During Phytostabilization of Metalliferous Mine Tailings. <i>Frontiers in Microbiology</i> , 2019, 10, 1209.	3.5	24
16	Assessing Microbial Community Patterns During Incipient Soil Formation From Basalt. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 941-958.	3.0	16
17	Uptake and Fractionation of Thallium by <i>Brassica juncea</i> in a Geogenic Thallium-Amended Substrate. <i>Environmental Science & Technology</i> , 2019, 53, 2441-2449.	10.0	31
18	Biodegradability and toxicity of monorhamnolipid biosurfactant diastereomers. <i>Journal of Hazardous Materials</i> , 2019, 364, 600-607.	12.4	37

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19	Mechanisms of Arsenic Sequestration by <i>Prosopis juliflora</i> during the Phytostabilization of Metalliferous Mine Tailings. <i>Environmental Science & Technology</i> , 2018, 52, 1156-1164.	10.0	32
20	Phytoremediation Reduces Dust Emissions from Metal(loid)-Contaminated Mine Tailings. <i>Environmental Science & Technology</i> , 2018, 52, 5851-5858.	10.0	54
21	Treatment impacts on temporal microbial community dynamics during phytostabilization of acid-generating mine tailings in semiarid regions. <i>Science of the Total Environment</i> , 2018, 618, 357-368.	8.0	32
22	Ion Flotation of La ³⁺ , Cd ²⁺ , and Cs ⁺ using Monorhamnolipid Collector. <i>Colloids and Interfaces</i> , 2018, 2, 43.	2.1	17
23	Trace element mobilization during incipient bioweathering of four rock types. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 234, 98-114.	3.9	20
24	Using ESS studios Microbial Growth Modeling Program to Improve Student Comprehension of Microbial Growth and Its Underlying Mathematics. <i>Journal of Microbiology and Biology Education</i> , 2018, 19, .	1.0	0
25	Ecosystem Composition Controls the Fate of Rare Earth Elements during Incipient Soil Genesis. <i>Scientific Reports</i> , 2017, 7, 43208.	3.3	31
26	Bacterial Rhizoplane Colonization Patterns of <i>Buchloe dactyloides</i> Growing in Metalliferous Mine Tailings Reflect Plant Status and Biogeochemical Conditions. <i>Microbial Ecology</i> , 2017, 74, 853-867.	2.8	20
27	Transferable Training Modules. <i>Family and Community Health</i> , 2017, 40, 306-315.	1.1	2
28	Significant Impacts of Increasing Aridity on the Arid Soil Microbiome. <i>MSystems</i> , 2017, 2, .	3.8	141
29	Synthesis and Characterization of Four Diastereomers of Monorhamnolipids. <i>Journal of the American Chemical Society</i> , 2017, 139, 5125-5132.	13.7	33
30	Evolution of Aggregate Structure in Solutions of Anionic Monorhamnolipids: Experimental and Computational Results. <i>Langmuir</i> , 2017, 33, 7412-7424.	3.5	27
31	Rhamnolipid biosurfactant complexation of rare earth elements. <i>Journal of Hazardous Materials</i> , 2017, 340, 171-178.	12.4	32
32	Bacterial microbiota of the upper respiratory tract and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 826-834.e13.	2.9	165
33	Plants from the abandoned Nacozari mine tailings: evaluation of their phytostabilization potential. <i>PeerJ</i> , 2017, 5, e3280.	2.0	24
34	Phytostabilization of mine tailings using compost-assisted direct planting: Translating greenhouse results to the field. <i>Science of the Total Environment</i> , 2016, 565, 451-461.	8.0	102
35	Resolving colocalization of bacteria and metal(loid)s on plant root surfaces by combining fluorescence in situ hybridization (FISH) with multiple-energy micro-focused X-ray fluorescence (ME-Tj ETQq1 1 0.784314 rgBT /Over bo		
36	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. <i>New England Journal of Medicine</i> , 2016, 375, 411-421.	27.0	745

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37	Soil Lysimeter Excavation for Coupled Hydrological, Geochemical, and Microbiological Investigations. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	4
38	Microorganisms and Organic Pollutants. , 2015, , 377-413.		31
39	Microbial Communication. , 2015, , 461-481.		1
40	Biogeochemical Cycling. , 2015, , 339-373.		14
41	Physiological Methods. , 2015, , 213-243.		2
42	Bacterial Growth. , 2015, , 37-56.		50
43	Aquatic Environments. , 2015, , 111-138.		18
44	The NIEHS Superfund Research Program: 25 Years of Translational Research for Public Health. <i>Environmental Health Perspectives</i> , 2015, 123, 909-918.	6.0	27
45	Extreme Environments. , 2015, , 139-153.		3
46	5. Bacterial and Archaeal Diversity on Cave Speleothem and Rock Surfaces: A Carbonate Cave Case Study from Kartchner Caverns. , 2015, , 105-124.		1
47	Assessing Fungal Community Structure from Mineral Surfaces in Kartchner Caverns Using Multiplexed 454 Pyrosequencing. <i>Microbial Ecology</i> , 2015, 70, 175-187.	2.8	15
48	Toxic metal(loid) speciation during weathering of iron sulfide mine tailings under semi-arid climate. <i>Applied Geochemistry</i> , 2015, 62, 131-149.	3.0	65
49	Mineral nutrient mobilization by plants from rock: influence of rock type and arbuscular mycorrhiza. <i>Biogeochemistry</i> , 2015, 124, 187-203.	3.5	57
50	Abundance and Activity of 16S rRNA, <i>AmoA</i> and <i>NifH</i> Bacterial Genes During Assisted Phytostabilization of Mine Tailings. <i>International Journal of Phytoremediation</i> , 2015, 17, 493-502.	3.1	25
51	Building a co-created citizen science program with gardeners neighboring a superfund site: The Gardenroots case study. <i>International Public Health Journal</i> , 2015, 7, .	1.0	23
52	Socially responsible mining: the relationship between mining and poverty, human health and the environment. <i>Reviews on Environmental Health</i> , 2014, 29, 83-9.	2.4	22
53	Making a living while starving in the dark: metagenomic insights into the energy dynamics of a carbonate cave. <i>ISME Journal</i> , 2014, 8, 478-491.	9.8	114
54	Environmental Research Translation: Enhancing interactions with communities at contaminated sites. <i>Science of the Total Environment</i> , 2014, 497-498, 651-664.	8.0	51

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55	Environmental factors influencing the structural dynamics of soil microbial communities during assisted phytostabilization of acid-generating mine tailings: A mesocosm experiment. <i>Science of the Total Environment</i> , 2014, 500-501, 314-324.	8.0	67
56	Effect of fatty acid substrate chain length on <i>Pseudomonas aeruginosa</i> ATCC 9027 monorhamnolipid yield and congener distribution. <i>Process Biochemistry</i> , 2014, 49, 989-995.	3.7	42
57	Surficial weathering of iron sulfide mine tailings under semi-arid climate. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 240-257.	3.9	79
58	Profiling Bacterial Diversity and Taxonomic Composition on Speleothem Surfaces in Kartchner Caverns, AZ. <i>Microbial Ecology</i> , 2013, 65, 371-383.	2.8	78
59	Home gardening near a mining site in an arsenic-endemic region of Arizona: Assessing arsenic exposure dose and risk via ingestion of home garden vegetables, soils, and water. <i>Science of the Total Environment</i> , 2013, 454-455, 373-382.	8.0	62
60	A New Standard-Based Polynomial Interpolation (SBPI _n) method to address gel-to-gel variability for the comparison of multiple denaturing gradient gel electrophoresis profile matrices. <i>Journal of Microbiological Methods</i> , 2013, 92, 173-177.	1.6	5
61	Analysis of artifacts suggests DGGE should not be used for quantitative diversity analysis. <i>Journal of Microbiological Methods</i> , 2013, 92, 256-263.	1.6	73
62	A greenhouse and field-based study to determine the accumulation of arsenic in common homegrown vegetables grown in mining-affected soils. <i>Science of the Total Environment</i> , 2013, 443, 299-306.	8.0	89
63	Phytotechnologies – Preventing Exposures, Improving Public Health. <i>International Journal of Phytoremediation</i> , 2013, 15, 889-899.	3.1	46
64	Procesos erosivos en jales de la Presa I de Nacozari de Garc�a, Sonora y su efecto en la dispersi3n de contaminantes. <i>Boletín De La Sociedad Geologica Mexicana</i> , 2013, 65, 27-38.	0.3	9
65	Fatty Acid Cosubstrates Provide �2-Oxidation Precursors for Rhamnolipid Biosynthesis in <i>Pseudomonas aeruginosa</i> , as Evidenced by Isotope Tracing and Gene Expression Assays. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8611-8622.	3.1	45
66	Minimally Competent Lewis Acid Catalysts: Indium(III) and Bismuth(III) Salts Produce Rhamnosides (=6-Deoxymannosides) in High Yield and Purity. <i>Helvetica Chimica Acta</i> , 2012, 95, 2652-2659.	1.6	13
67	Factors Influencing Observed Variations in the Structure of Bacterial Communities On Calcite Formations in Kartchner Caverns, AZ, USA. <i>Geomicrobiology Journal</i> , 2012, 29, 422-434.	2.0	14
68	Geochemical Weathering Increases Lead Bioaccessibility in Semi-Arid Mine Tailings. <i>Environmental Science & Technology</i> , 2012, 46, 5834-5841.	10.0	48
69	Response of Key Soil Parameters during Compost-Assisted Phytostabilization in Extremely Acidic Tailings: Effect of Plant Species. <i>Environmental Science & Technology</i> , 2012, 46, 1019-1027.	10.0	73
70	Life at the hyperarid margin: novel bacterial diversity in arid soils of the Atacama Desert, Chile. <i>Extremophiles</i> , 2012, 16, 553-566.	2.3	182
71	Changes in Zinc Speciation with Mine Tailings Acidification in a Semiarid Weathering Environment. <i>Environmental Science & Technology</i> , 2011, 45, 7166-7172.	10.0	19
72	Bacterial and Archaeal Community Structure of Two Adjacent Calcite Speleothems in Kartchner Caverns, Arizona, USA. <i>Geomicrobiology Journal</i> , 2011, 28, 99-117.	2.0	45

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73	Effect of arbuscular mycorrhizal fungi on plant biomass and the rhizosphere microbial community structure of mesquite grown in acidic lead/zinc mine tailings. <i>Science of the Total Environment</i> , 2011, 409, 1009-1016.	8.0	100
74	Biosurfactants: A General Overview. <i>Microbiology Monographs</i> , 2011, , 1-11.	0.6	58
75	Fungal communities on speleothem surfaces in Kartchner Caverns, Arizona, USA. <i>International Journal of Speleology</i> , 2011, 40, 65-77.	1.0	31
76	Proteomics Analyses of the Opportunistic Pathogen <i>Burkholderia vietnamiensis</i> Using Protein Fractionations and Mass Spectrometry. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10.	3.0	12
77	Growth of Quailbush in Acidic, Metalliferous Desert Mine Tailings: Effect of <i>Azospirillum brasilense</i> Sp6 on Biomass Production and Rhizosphere Community Structure. <i>Microbial Ecology</i> , 2010, 60, 915-927.	2.8	42
78	Cadmium effects on transcriptional expression of rhlB/rhlC genes and congener distribution of monorhamnolipid and dirhamnolipid in <i>Pseudomonas aeruginosa</i> IGB83. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 953-963.	3.6	20
79	Synthesis and biological activities of flavolipids. <i>Tetrahedron</i> , 2010, 66, 9107-9112.	1.9	1
80	<i>Bacillus pumilus</i> ES4: Candidate plant growth-promoting bacterium to enhance establishment of plants in mine tailings. <i>Environmental and Experimental Botany</i> , 2010, 69, 343-352.	4.2	87
81	Environmental Determinants of and Impact on Childhood Asthma by the Bacterial Community in Household Dust. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2663-2667.	3.1	56
82	Evaporative Deposition Patterns of Bacteria from a Sessile Drop: Effect of Changes in Surface Wettability Due to Exposure to a Laboratory Atmosphere. <i>Langmuir</i> , 2010, 26, 7293-7298.	3.5	20
83	Effects of Compost on Colonization of Roots of Plants Grown in Metalliferous Mine Tailings, as Examined by Fluorescence In Situ Hybridization. <i>Applied and Environmental Microbiology</i> , 2009, 75, 842-847.	3.1	20
84	Optimization of plant growth-promoting bacteria-assisted phytostabilization of mine tailings. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1734-1740.	8.8	65
85	Molecular characterization and in situ quantification of anoxic arsenite-oxidizing denitrifying enrichment cultures. <i>FEMS Microbiology Ecology</i> , 2009, 68, 72-85.	2.7	51
86	<i>Immunological Methods</i> , 2009, , 225-241.		4
87	The impact of unconfined mine tailings in residential areas from a mining town in a semi-arid environment: Nacozari, Sonora, Mexico. <i>Chemosphere</i> , 2009, 77, 140-147.	8.2	129
88	Changes in lead and zinc lability during weathering-induced acidification of desert mine tailings: Coupling chemical and micro-scale analyses. <i>Applied Geochemistry</i> , 2009, 24, 2234-2245.	3.0	42
89	<i>Introduction to Environmental Microbiology</i> , 2009, , 3-7.		59
90	<i>Environmental Sample Collection and Processing</i> , 2009, , 137-155.		1

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91	Microorganisms. , 2009, , 9-36.		6
92	Bacterial Growth. , 2009, , 37-54.		38
93	Extreme Environments. , 2009, , 123-134.		0
94	Microorganisms and Metal Pollutants. , 2009, , 421-441.		12
95	Biogeochemical Cycling. , 2009, , 287-318.		5
96	Aquatic Environments. , 2009, , 103-122.		6
97	Earth Environments. , 2009, , 57-82.		6
98	Microscopic Techniques. , 2009, , 157-172.		0
99	Microorganisms and Organic Pollutants. , 2009, , 387-420.		10
100	Physiological Methods. , 2009, , 191-223.		6
101	Nucleic Acidâ€‘Based Methods of Analysis. , 2009, , 243-284.		2
102	Consequences of Biogeochemical Cycles Gone Wild. , 2009, , 319-333.		2
103	Microbial Communication: Bacteriaâ€‘Bacteria and Bacteriaâ€‘Host. , 2009, , 335-346.		0
104	Bacterial Communities in Natural Ecosystems. , 2009, , 347-356.		1
105	Microbial Transport. , 2009, , 365-383.		3
106	Phytoremediation of mine tailings in temperate and arid environments. Reviews in Environmental Science and Biotechnology, 2008, 7, 47-59.	8.1	368
107	Phytostabilization of Mine Tailings in Arid and Semiarid Environmentsâ€‘An Emerging Remediation Technology. Environmental Health Perspectives, 2008, 116, 278-283.	6.0	778
108	Directly Measuring Adhesive and Elastic Properties of Bacteria Using a Surface Force Apparatus. ACS Symposium Series, 2008, , 217-229.	0.5	0

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109	Plant Growth-Promoting Bacteria for Phytostabilization of Mine Tailings. <i>Environmental Science & Technology</i> , 2008, 42, 2079-2084.	10.0	115
110	Efficient Purification of the Biosurfactant Viscosin from <i>Pseudomonas libanensis</i> Strain M9-3 and Its Physicochemical and Biological Properties. <i>Journal of Natural Products</i> , 2008, 71, 1011-1015.	3.0	100
111	Characterization of a Bacterial Community in an Abandoned Semiarid Lead-Zinc Mine Tailing Site. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3899-3907.	3.1	162
112	Phytostabilization Potential of Quailbush for Mine Tailings. <i>Journal of Environmental Quality</i> , 2007, 36, 245-253.	2.0	141
113	Bacterial Community Changes during Plant Establishment at the San Pedro River Mine Tailings Site. <i>Journal of Environmental Quality</i> , 2007, 36, 1249-1259.	2.0	80
114	Effect of clays, metal oxides, and organic matter on rhamnolipid biosurfactant sorption by soil. <i>Chemosphere</i> , 2007, 66, 1634-1642.	8.2	71
115	Culturable Microbial Diversity and the Impact of Tourism in Kartchner Caverns, Arizona. <i>Microbial Ecology</i> , 2007, 53, 30-42.	2.8	95
116	Determination of the Acid Dissociation Constant of the Biosurfactant Monorhamnolipid in Aqueous Solution by Potentiometric and Spectroscopic Methods. <i>Analytical Chemistry</i> , 2006, 78, 7649-7658.	6.5	85
117	Influence of a nonaqueous phase liquid (NAPL) on biodegradation of phenanthrene. <i>Biodegradation</i> , 2006, 17, 423-435.	3.0	12
118	Bacterial Community Structure in the Hyperarid Core of the Atacama Desert, Chile. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7902-7908.	3.1	160
119	BIODEGRADATION DURING CONTAMINANT TRANSPORT IN POROUS MEDIA: 7. IMPACT OF MULTIPLE-DEGRADER COMMUNITY DYNAMICS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2806.	4.3	2
120	Real-Time, in Situ Monitoring of Bioactive Zone Dynamics in Heterogeneous Systems. <i>Environmental Science & Technology</i> , 2005, 39, 8898-8905.	10.0	9
121	Influence of hydroxypropyl- β -cyclodextrin (HPCD) on the bioavailability and biodegradation of pyrene. <i>Chemosphere</i> , 2005, 60, 725-728.	8.2	21
122	The influence of system complexity on bacterial transport in saturated porous media. <i>Journal of Contaminant Hydrology</i> , 2004, 74, 19-38.	3.3	12
123	USE OF CYCLODEXTRIN AND CALCIUM CHLORIDE FOR ENHANCED REMOVAL OF MERCURY FROM SOIL. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1888.	4.3	7
124	Bacterially derived biopolymers as wood adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2004, 24, 495-502.	2.9	36
125	Employing a novel fiber optic detection system to monitor the dynamics of in situ lux bioreporter activity in porous media: system performance update. <i>Analytica Chimica Acta</i> , 2004, 525, 63-74.	5.4	12
126	Structure and Characterization of Flavolipids, a Novel Class of Biosurfactants Produced by <i>Flavobacterium</i> sp. Strain MTN11. <i>Applied and Environmental Microbiology</i> , 2004, 70, 114-120.	3.1	111

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127	The influence of substrate and electron acceptor availability on bioactive zone dynamics in porous media. <i>Journal of Contaminant Hydrology</i> , 2003, 66, 219-237.	3.3	7
128	Temporal change in culturable phenanthrene degraders in response to long-term exposure to phenanthrene in a soil column system. <i>Environmental Microbiology</i> , 2003, 5, 888-895.	3.8	95
129	Distribution of Biosurfactant-Producing Bacteria in Undisturbed and Contaminated Arid Southwestern Soils. <i>Applied and Environmental Microbiology</i> , 2003, 69, 3280-3287.	3.1	290
130	Biosurfactants: Evolution and Diversity in Bacteria. <i>Advances in Applied Microbiology</i> , 2003, 52, 101-121.	2.4	99
131	Comparative electrochemical inactivation of bacteria and bacteriophage. <i>Water Research</i> , 2003, 37, 2291-2300.	11.3	167
132	Issues underlying use of biosensors to measure metal bioavailability. <i>Ecotoxicology and Environmental Safety</i> , 2003, 56, 140-147.	6.0	90
133	Effect of Temperature, pH, and Initial Cell Number on luxCDABE and nah Gene Expression during Naphthalene and Salicylate Catabolism in the Bioreporter Organism <i>Pseudomonas putida</i> RB1353. <i>Applied and Environmental Microbiology</i> , 2003, 69, 2209-2216.	3.1	28
134	Characterization of Lead Removal from Contaminated Soils by Nontoxic Soil-Washing Agents. <i>Journal of Environmental Quality</i> , 2003, 32, 899-908.	2.0	90
135	Impact of metals on the biodegradation of organic pollutants.. <i>Environmental Health Perspectives</i> , 2003, 111, 1093-1101.	6.0	310
136	Characterization of Lead Removal from Contaminated Soils by Nontoxic Soil-Washing Agents. <i>Journal of Environmental Quality</i> , 2003, 32, 899.	2.0	22
137	Biosynthesis and Applications of Glycolipid and Lipopeptide Biosurfactants. , 2002, , .		3
138	Biodegradation during Contaminant Transport in Porous Media. <i>Journal of Environmental Quality</i> , 2002, 31, 1824-1830.	2.0	17
139	Effect of pH on cadmium toxicity, speciation, and accumulation during naphthalene biodegradation. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2075-2079.	4.3	40
140	A comparison of chelator-facilitated metal uptake by a halophyte and a glycophyte. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2698-2704.	4.3	69
141	Application of a reverse transcription-PCR assay to monitor regulation of the catabolic nahAc gene during phenanthrene degradation. <i>Biodegradation</i> , 2002, 13, 251-260.	3.0	24
142	Effect of pH on cadmium toxicity, speciation, and accumulation during naphthalene biodegradation. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2075-9.	4.3	11
143	A comparison of chelator-facilitated metal uptake by a halophyte and a glycophyte. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2698-704.	4.3	9
144	Stability Constants for the Complexation of Various Metals with a Rhamnolipid Biosurfactant. <i>Journal of Environmental Quality</i> , 2001, 30, 479-485.	2.0	172

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145	Biosurfactant-enhanced solubilization of NAPL mixtures. <i>Journal of Contaminant Hydrology</i> , 2001, 48, 45-68.	3.3	64
146	Biodegradation during contaminant transport in porous media: 4. Impact of microbial lag and bacterial cell growth. <i>Journal of Contaminant Hydrology</i> , 2001, 50, 225-242.	3.3	17
147	Fiber optic detection of in situ lux reporter gene activity in porous media: system design and performance. <i>Analytica Chimica Acta</i> , 2000, 422, 121-130.	5.4	22
148	Rhamnolipid-Enhanced Mineralization of Phenanthrene in Organic-Metal Co-Contaminated Soils. <i>Bioremediation Journal</i> , 2000, 4, 295-308.	2.0	130
149	<i>Pseudomonas aeruginosa</i> rhamnolipids: biosynthesis and potential applications. <i>Applied Microbiology and Biotechnology</i> , 2000, 54, 625-633.	3.6	488
150	A Rhamnolipid Biosurfactant Reduces Cadmium Toxicity during Naphthalene Biodegradation. <i>Applied and Environmental Microbiology</i> , 2000, 66, 4585-4588.	3.1	150
151	Rhamnolipid-Induced Removal of Lipopolysaccharide from <i>Pseudomonas aeruginosa</i> : Effect on Cell Surface Properties and Interaction with Hydrophobic Substrates. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3262-3268.	3.1	377
152	Development of an agar liftâ€“DNA/DNA hybridization technique for use in visualization of the spatial distribution of Eubacteria on soil surfaces. <i>Journal of Microbiological Methods</i> , 1999, 38, 107-117.	1.6	7
153	Biodegradation during Contaminant Transport in Porous Media. 2. The Influence of Physicochemical Factors. <i>Environmental Science & Technology</i> , 1999, 33, 96-103.	10.0	33
154	Factors Influencing Expression of <i>luxCDABE</i> and <i>nah</i> Genes in <i>Pseudomonas putida</i> RB1353 (NAH7, pUTK9) in Dynamic Systems. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3473-3482.	3.1	48
155	Cyclodextrin-Enhanced Biodegradation of Phenanthrene. <i>Environmental Science & Technology</i> , 1998, 32, 1907-1912.	10.0	116
156	Influence of cation type, ionic strength, and pH on solubilization and mobilization of residual hydrocarbon by a biosurfactant. <i>Journal of Contaminant Hydrology</i> , 1998, 30, 265-279.	3.3	55
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