

# Wen-Li Chen

## List of Publications by Year in descending order

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154  
papers

4,409  
citations

93792

39  
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182931

54  
g-index

157  
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157  
docs citations

157  
times ranked

4440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective immobilization of heavy metals via reactive barrier by rhizosphere bacteria and their biofilms. <i>Environmental Research</i> , 2022, 207, 112080.	3.7	10
2	Warming and humidification mediated changes of DOM composition in an Alfisol. <i>Science of the Total Environment</i> , 2022, 805, 150198.	3.9	11
3	Surface corrosion by microbial flora enhances the application potential of phosphate rock for cadmium remediation. <i>Chemical Engineering Journal</i> , 2022, 429, 132560.	6.6	7
4	Natural bioaugmentation enhances the application potential of biochar for Cd remediation. <i>Separation and Purification Technology</i> , 2022, 282, 119948.	3.9	8
5	ABC transporter slr0982 affects response of <i>Synechocystis</i> sp. PCC 6803 to oxidative stress caused by methyl viologen. <i>Research in Microbiology</i> , 2022, 173, 103888.	1.0	2
6	Functional group diversity for the adsorption of lead (Pb) to bacterial cells and extracellular polymeric substances. <i>Environmental Pollution</i> , 2022, 295, 118651.	3.7	18
7	Second Messenger c-di-GMP Modulates Exopolysaccharide Pea-Dependent Phenotypes via Regulation of <i>eppA</i> Expression in <i>Pseudomonas putida</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, e0227021.	1.4	4
8	Niche overlap is a predictor of the interspecies correlations detected by microbial network analysis in soil micro-aggregates. <i>Journal of Soils and Sediments</i> , 2022, 22, 1521-1529.	1.5	5
9	Wsp system oppositely modulates antibacterial activity and biofilm formation via <i>FleQ</i> complex in <i>Pseudomonas putida</i> . <i>Environmental Microbiology</i> , 2022, 24, 1543-1559.	1.8	9
10	Soil Aggregates and Fertilizer Treatments Drive Bacterial Interactions via Interspecies Niche Overlap. <i>Microbiology Spectrum</i> , 2022, 10, e0252421.	1.2	6
11	Bacterial rather than fungal diversity and community assembly drive soil multifunctionality in a subtropical forest ecosystem. <i>Environmental Microbiology Reports</i> , 2022, 14, 85-95.	1.0	20
12	Ammonia level influences the assembly of dissimilatory nitrate reduction to ammonia bacterial community in soils under different heavy metal remediation treatments. <i>Science of the Total Environment</i> , 2022, 838, 156393.	3.9	5
13	Mass spectral imaging showing the plant growth-promoting rhizobacteria's effect on the <i>Brachypodium awn</i> . <i>Biointerphases</i> , 2022, 17, .	0.6	3
14	Soil aggregate modulates microbial ecological adaptations and community assemblies in agricultural soils. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108769.	4.2	25
15	Partitioning <i>Nitrospira</i> community structure and co-occurrence patterns in a long-term inorganic and organic fertilization soil. <i>Journal of Soils and Sediments</i> , 2021, 21, 1099-1108.	1.5	11
16	Spatial differences in soil microbial diversity caused by <i>pH</i> -driven organic phosphorus mineralization. <i>Land Degradation and Development</i> , 2021, 32, 766-776.	1.8	56
17	The role of interfacial reactions in controlling the distribution of Cd within goethite-humic acid-bacteria composites. <i>Journal of Hazardous Materials</i> , 2021, 405, 124081.	6.5	20
18	Dispersal limitation driving <i>phoD</i> -harboring bacterial community assembly: A potential indicator for ecosystem multifunctionality in long-term fertilized soils. <i>Science of the Total Environment</i> , 2021, 754, 141960.	3.9	32

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19	Efficient immobilization of Cd <sup>2+</sup> by nanoscale carbonate hydroxyapatite synthesized by ureolytic bacteria. <i>Journal of Cleaner Production</i> , 2021, 279, 123619.	4.6	21
20	Microscale heterogeneity of the soil nitrogen cycling microbial functional structure and potential metabolism. <i>Environmental Microbiology</i> , 2021, 23, 1199-1209.	1.8	16
21	Recent advances in exploring the heavy metal(loid) resistant microbiome. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 94-109.	1.9	69
22	E.Âcoli@UiO-67 composites as a recyclable adsorbent for bisphenol A removal. <i>Chemosphere</i> , 2021, 270, 128672.	4.2	9
23	Calcium-crosslinked alginate-encapsulated bacteria for remediating of cadmium-polluted water and production of CdS nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2171-2179.	1.7	9
24	Whole-Cell Microbial Bioreporter for Soil Contaminants Detection. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 622994.	2.0	20
25	Soil aggregate size-dependent relationships between microbial functional diversity and multifunctionality. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108143.	4.2	85
26	Soil amendments change bacterial functional genes more than taxonomic structure in a cadmium-contaminated soil. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108126.	4.2	25
27	Bridging Rare and Abundant Bacteria with Ecosystem Multifunctionality in Salinized Agricultural Soils: from Community Diversity to Environmental Adaptation. <i>MSystems</i> , 2021, 6, .	1.7	31
28	The twoâ€œcomponent system <scp>TarRâ€œTarS</scp> is regulated by <scp>câ€œdiâ€œGMP</scp>/<scp>FleQ</scp> and <scp>FliA</scp> and modulates antibiotic susceptibility in <i>Pseudomonas putida</i>. <i>Environmental Microbiology</i> , 2021, 23, 5239-5257.	1.8	5
29	New insights into the function of the proteins IsiC and IsiD from <i>Synechocystis</i> sp. PCC 6803 under iron limitation. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4693-4707.	1.7	5
30	Identification of c-di-GMP/FleQ-Regulated New Target Genes, Including <i>cyaA</i> , Encoding Adenylate Cyclase, in <i>Pseudomonas putida</i> . <i>MSystems</i> , 2021, 6, .	1.7	15
31	Effects of long-term fertilization on calcium-associated soil organic carbon: Implications for C sequestration in agricultural soils. <i>Science of the Total Environment</i> , 2021, 772, 145037.	3.9	30
32	Community assembly mechanisms and co-occurrence patterns of nitrite-oxidizing bacteria communities in saline soils. <i>Science of the Total Environment</i> , 2021, 772, 145472.	3.9	20
33	Keystone species determine the â€œselection mechanismâ€œof multispecies biofilms for bacteria from soil aggregates. <i>Science of the Total Environment</i> , 2021, 773, 145069.	3.9	11
34	Divergent bacterial transformation exerted by soil minerals. <i>Science of the Total Environment</i> , 2021, 784, 147173.	3.9	5
35	High Salinity Inhibits Soil Bacterial Community Mediating Nitrogen Cycling. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0136621.	1.4	42
36	The developmental regulator <scp>PatD</scp> modulates assembly of the cellâ€œdivision protein <scp>FtsZ</scp> in the cyanobacterium <i>Anabaena</i> sp. <scp>PCC</scp> 7120. <i>Environmental Microbiology</i> , 2021, 23, 4823-4837.	1.8	8

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37	A novel eco-friendly recycling of food waste for preparing biofilm-attached biochar to remove Cd and Pb in wastewater. <i>Journal of Cleaner Production</i> , 2021, 311, 127514.	4.6	41
38	Soil aggregate isolation method affects interpretation of protistan community. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108388.	4.2	8
39	Abundance for subgroups of denitrifiers in soil aggregates associates with denitrifying enzyme activities under different fertilization regimes. <i>Applied Soil Ecology</i> , 2021, 166, 103983.	2.1	4
40	Mechanistic investigation and modeling of Cd immobilization by iron (hydr)oxide-humic acid coprecipitates. <i>Journal of Hazardous Materials</i> , 2021, 420, 126603.	6.5	19
41	Distinct Responses of Rare and Abundant Microbial Taxa to <i>In Situ</i> Chemical Stabilization of Cadmium-Contaminated Soil. <i>MSystems</i> , 2021, 6, e0104021.	1.7	43
42	Transcriptome and metabolome analyses of response of <i>Synechocystis</i> sp. PCC 6803 to methyl viologen. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8377-8392.	1.7	2
43	A crosstalk between cAMP and cGMP in regulating transcription of GcsA, a diguanylate cyclase involved in swimming motility in <i>Pseudomonas putida</i> . <i>Environmental Microbiology</i> , 2020, 22, 142-157.	1.8	9
44	Characterization of Cd <sup>2+</sup> biosorption by <i>Pseudomonas</i> sp. strain 375, a novel biosorbent isolated from soil polluted with heavy metals in Southern China. <i>Chemosphere</i> , 2020, 240, 124893.	4.2	77
45	Soil aggregate fractionation and phosphorus fraction driven by long-term fertilization regimes affect the abundance and composition of P-cycling-related bacteria. <i>Soil and Tillage Research</i> , 2020, 196, 104475.	2.6	61
46	Soil aggregates impact nitrifying microorganisms in a vertisol under diverse fertilization regimes. <i>European Journal of Soil Science</i> , 2020, 71, 536-547.	1.8	13
47	Arbuscular mycorrhizal-like fungi and glomalin-related soil protein drive the distributions of carbon and nitrogen in a large scale. <i>Journal of Soils and Sediments</i> , 2020, 20, 963-972.	1.5	22
48	Analysis of lead forms and transition in agricultural soil by nano-fluorescence method. <i>Journal of Hazardous Materials</i> , 2020, 389, 121469.	6.5	9
49	Phenotypic-genotypic analysis of GGDEF/EAL/HD-GYP domain-encoding genes in <i>Pseudomonas putida</i> . <i>Environmental Microbiology Reports</i> , 2020, 12, 38-48.	1.0	15
50	Fertilizer types shaped the microbial guilds driving the dissimilatory nitrate reduction to ammonia process in a Ferralic Cambisol. <i>Soil Biology and Biochemistry</i> , 2020, 141, 107677.	4.2	12
51	Co-effect of minerals and Cd(II) promoted the formation of bacterial biofilm and consequently enhanced the sorption of Cd(II). <i>Environmental Pollution</i> , 2020, 258, 113774.	3.7	26
52	Deciphering belowground nitrifier assemblages with elevational soil sampling in a subtropical forest ecosystem (Mount Lu, China). <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	8
53	The species evenness of prey-bacteria correlated with Bdellovibrio-and-like-organisms (BALOs) in the microbial network supports the biomass of BALOs in a paddy soil. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	3
54	Long-term chemical fertilization-driving changes in soil autotrophic microbial community depresses soil CO <sub>2</sub> fixation in a Mollisol. <i>Science of the Total Environment</i> , 2020, 748, 141317.	3.9	25

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55	Both Enolase and the DEAD-Box RNA Helicase CrhB Can Form Complexes with RNase E in <i>Anabaena</i> sp. Strain PCC 7120. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	3
56	Complexity of bacterial and fungal network increases with soil aggregate size in an agricultural Inceptisol. <i>Applied Soil Ecology</i> , 2020, 154, 103640.	2.1	28
57	Manure fertilizes alter the nitrite oxidizer and comammox community composition and increase nitrification rates. <i>Soil and Tillage Research</i> , 2020, 204, 104701.	2.6	32
58	The limited effects of carbonaceous material amendments on nitrite-oxidizing bacteria in an Alfisol. <i>Science of the Total Environment</i> , 2020, 734, 139398.	3.9	7
59	Function analysis of RNase E in the filamentous cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Research in Microbiology</i> , 2020, 171, 194-202.	1.0	1
60	Synergistic effect of biofilm growth and cadmium adsorption via compositional changes of extracellular matrix in montmorillonite system. <i>Bioresource Technology</i> , 2020, 315, 123742.	4.8	19
61	Characterization of Cu distribution in clay-sized soil aggregates by NanoSIMS and micro-XRF. <i>Chemosphere</i> , 2020, 249, 126143.	4.2	18
62	RNase II binds to RNase E and modulates its endoribonucleolytic activity in the cyanobacterium <i>Anabaena</i> PCC 7120. <i>Nucleic Acids Research</i> , 2020, 48, 3922-3934.	6.5	10
63	Aggregational differentiation of ureolytic microbes in an Ultisol under long-term organic and chemical fertilizations. <i>Science of the Total Environment</i> , 2020, 716, 137103.	3.9	20
64	A manganese-oxidizing bacterial consortium and its biogenic Mn oxides for dye decolorization and heavy metal adsorption. <i>Chemosphere</i> , 2020, 253, 126627.	4.2	45
65	Transcriptome Analysis Reveals IsiA-Regulatory Mechanisms Underlying Iron Depletion and Oxidative-Stress Acclimation in <i>Synechocystis</i> sp. Strain PCC 6803. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	7
66	<i>patD</i> , a Gene Regulated by NtcA, Is Involved in the Optimization of Heterocyst Frequency in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	9
67	Heavy metal behaviour at mineral-organo interfaces: Mechanisms, modelling and influence factors. <i>Environment International</i> , 2019, 131, 104995.	4.8	123
68	Soil Aggregate Stratification of Ureolytic Microbiota Affects Urease Activity in an Inceptisol. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11584-11590.	2.4	16
69	High c-di-GMP promotes expression of <i>fpr-1</i> and <i>katE</i> involved in oxidative stress resistance in <i>Pseudomonas putida</i> KT2440. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9077-9089.	1.7	11
70	The microbial network in naturally fertile paddy soil possibly facilitates functional recruitment in the rice mature stage. <i>Applied Soil Ecology</i> , 2019, 135, 174-181.	2.1	13
71	Bio-organic stabilizing agent shows promising prospect for the stabilization of cadmium in contaminated farmland soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23399-23406.	2.7	19
72	Size-Dependent Bacterial Toxicity of Hematite Particles. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8147-8156.	4.6	46

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73	Complete genome sequence of Raoultella sp. strain X13, a promising cell factory for the synthesis of CdS quantum dots. <i>3 Biotech</i> , 2019, 9, 120.	1.1	5
74	Role of novel bacterial Raoultella sp. strain X13 in plant growth promotion and cadmium bioremediation in soil. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3887-3897.	1.7	40
75	The exopolysaccharide gene cluster <i>pea</i> is transcriptionally controlled by RpoS and repressed by AmrZ in <i>Pseudomonas putida</i> KT2440. <i>Microbiological Research</i> , 2019, 218, 1-11.	2.5	16
76	Pb sorption on montmorillonite-bacteria composites: A combination study by XAFS, ITC and SCM. <i>Chemosphere</i> , 2018, 200, 427-436.	4.2	37
77	Distribution and mobility of exogenous copper as influenced by aging and components interactions in three Chinese soils. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10771-10781.	2.7	10
78	Contrasting responses of bacterial and fungal communities to aggregate-size fractions and long-term fertilizations in soils of northeastern China. <i>Science of the Total Environment</i> , 2018, 635, 784-792.	3.9	80
79	Biosorption Performance of Multimetal Resistant Fungus <i>Penicillium chrysogenum</i> XJ-1 for Removal of Cu <sup>2+</sup> and Cr <sup>6+</sup> from Aqueous Solutions. <i>Geomicrobiology Journal</i> , 2018, 35, 40-49.	1.0	21
80	Modeling of Cd adsorption to goethite-bacteria composites. <i>Chemosphere</i> , 2018, 193, 943-950.	4.2	31
81	Ureolytic microbial community is modulated by fertilization regimes and particle-size fractions in a Black soil of Northeastern China. <i>Soil Biology and Biochemistry</i> , 2018, 116, 171-178.	4.2	48
82	Aging shapes the distribution of copper in soil aggregate size fractions. <i>Environmental Pollution</i> , 2018, 233, 569-576.	3.7	38
83	The shift of sulfate-reducing bacterial communities from the upland to the paddy stage in a rapeseed-rice rotation system, and the effect from the long-term straw returning. <i>Applied Soil Ecology</i> , 2018, 124, 124-130.	2.1	7
84	Organic matter facilitates the binding of Pb to iron oxides in a subtropical contaminated soil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32130-32139.	2.7	22
85	Binding of Cd by ferrihydrite organo-mineral composites: Implications for Cd mobility and fate in natural and contaminated environments. <i>Chemosphere</i> , 2018, 207, 404-412.	4.2	113
86	Nitrite-Oxidizing Bacteria Community Composition and Diversity Are Influenced by Fertilizer Regimes, but Are Independent of the Soil Aggregate in Acidic Subtropical Red Soil. <i>Frontiers in Microbiology</i> , 2018, 9, 885.	1.5	42
87	FinR Regulates Expression of <i>nicC</i> and <i>nicX</i> Operons, Involved in Nicotinic Acid Degradation in <i>Pseudomonas putida</i> KT2440. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	5
88	Shifts in Nitrobacter- and Nitrospira-like nitrite-oxidizing bacterial communities under long-term fertilization practices. <i>Soil Biology and Biochemistry</i> , 2018, 124, 118-125.	4.2	62
89	Fertilization rather than aggregate size fractions shape the nitrite-oxidizing microbial community in a Mollisol. <i>Soil Biology and Biochemistry</i> , 2018, 124, 179-183.	4.2	25
90	Isolation and Identification of Three Potassium-Solubilizing Bacteria from Rape Rhizospheric Soil and Their Effects on Ryegrass. <i>Geomicrobiology Journal</i> , 2017, 34, 873-880.	1.0	72

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91	Nitrospira are more sensitive than Nitrobacter to land management in acid, fertilized soils of a rapeseed-rice rotation field trial. <i>Science of the Total Environment</i> , 2017, 599-600, 135-144.	3.9	49
92	FleN and FleQ play a synergistic role in regulating <i>lapA</i> and <i>bcs</i> operons in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2017, 9, 571-580.	1.0	17
93	Detoxification of hexavalent chromate by growing <i>Paecilomyces lilacinus</i> XLA. <i>Environmental Pollution</i> , 2017, 225, 47-54.	3.7	20
94	Surface complexation modeling of Cu(II) sorption to montmorillonite-bacteria composites. <i>Science of the Total Environment</i> , 2017, 607-608, 1408-1418.	3.9	25
95	Influence of (p)ppGpp on biofilm regulation in <i>Pseudomonas putida</i> KT2440. <i>Microbiological Research</i> , 2017, 204, 1-8.	2.5	44
96	Expression of the phosphodiesterase BifA facilitating swimming motility is partly controlled by FliA in <i>Pseudomonas putida</i> KT2440. <i>MicrobiologyOpen</i> , 2017, 6, e00402.	1.2	7
97	A novel fluorimetric method for laccase activities measurement using Amplex Red as substrate. <i>Talanta</i> , 2017, 162, 143-150.	2.9	19
98	Long-term straw returning affects <i>Nitrospira</i> -like nitrite oxidizing bacterial community in a rapeseed-rice rotation soil. <i>Journal of Basic Microbiology</i> , 2017, 57, 309-315.	1.8	26
99	Molecular investigation on the binding of Cd(II) by the binary mixtures of montmorillonite with two bacterial species. <i>Environmental Pollution</i> , 2017, 229, 871-878.	3.7	40
100	Surface complexation modeling of Cd(II) sorption to montmorillonite, bacteria, and their composite. <i>Biogeosciences</i> , 2016, 13, 5557-5566.	1.3	21
101	Cd(II) Sorption on Montmorillonite-Humic acid-Bacteria Composites. <i>Scientific Reports</i> , 2016, 6, 19499.	1.6	49
102	Microbial communities play important roles in modulating paddy soil fertility. <i>Scientific Reports</i> , 2016, 6, 20326.	1.6	63
103	Adsorption of DNA by Bacteria and Their Composites with Minerals. <i>Geomicrobiology Journal</i> , 2016, 33, 822-831.	1.0	9
104	Effects of long term rice straw application on the microbial communities of rapeseed rhizosphere in a paddy-upland rotation system. <i>Science of the Total Environment</i> , 2016, 557-558, 231-239.	3.9	48
105	Competitive adsorption of Pb and Cd on bacteria-montmorillonite composite. <i>Environmental Pollution</i> , 2016, 218, 168-175.	3.7	71
106	Characterization of a phenanthrene-degrading microbial consortium enriched from petrochemical contaminated environment. <i>International Biodeterioration and Biodegradation</i> , 2016, 115, 286-292.	1.9	62
107	Expression of the diguanylate cyclase GcbA is regulated by FleQ in response to cyclic di-GMP in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2016, 8, 993-1002.	1.0	11
108	c-di-GMP regulates the expression of <i>lapA</i> and <i>bcs</i> operons via FleQ in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2016, 8, 659-666.	1.0	45



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109	Comparative Analysis of Mechanisms of Cd <sup>2+</sup> and Ni <sup>2+</sup> Biosorption by Living and Nonliving <i>Mucoromycote</i> sp. XLC. <i>Geomicrobiology Journal</i> , 2016, 33, 274-282.	1.0	17
110	Genetically engineered <i>Pseudomonas putida</i> X3 strain and its potential ability to bioremediate soil microcosms contaminated with methyl parathion and cadmium. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1987-1997.	1.7	32
111	Atomic force microscopy measurements of bacterial adhesion and biofilm formation onto clay-sized particles. <i>Scientific Reports</i> , 2015, 5, 16857.	1.6	122
112	A Comparative Study on the Biosorption of Cd <sup>2+</sup> onto <i>Paecilomyces lilacinus</i> XLA and <i>Mucoromycote</i> sp. XLC. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15670-15687.	1.8	57
113	The Role of CzcRS Two-Component Systems in the Heavy Metal Resistance of <i>Pseudomonas putida</i> X4. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17005-17017.	1.8	17
114	Role of <i>Penicillium chrysogenum</i> XJ-1 in the Detoxification and Bioremediation of Cadmium. <i>Frontiers in Microbiology</i> , 2015, 6, 1422.	1.5	41
115	Dynamics and Cell-Type Specificity of the DNA Double-Strand Break Repair Protein RecN in the Developmental Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>PLoS ONE</i> , 2015, 10, e0139362.	1.1	5
116	Effects of humic acid on adhesion of <i>Bacillus subtilis</i> to phyllosilicates and goethite. <i>Chemical Geology</i> , 2015, 416, 19-27.	1.4	29
117	Adsorption of N-acyl-Homoserine Lactone onto Colloidal Minerals Presents Potential Challenges for Quorum Sensing in the Soil Environment. <i>Geomicrobiology Journal</i> , 2015, 32, 602-608.	1.0	6
118	Soil Colloids and Minerals Modulate Metabolic Activity of <i>Pseudomonas putida</i> Measured Using Microcalorimetry. <i>Geomicrobiology Journal</i> , 2014, 31, 590-596.	1.0	46
119	Effects of Solution Chemistry on Bacterial Adhesion with Phyllosilicates and Goethite Explained by the Extended DLVO Theory. <i>Geomicrobiology Journal</i> , 2014, 31, 419-430.	1.0	21
120	In situ ATR-FTIR study on the adhesion of <i>Pseudomonas putida</i> to Red soil colloids. <i>Journal of Soils and Sediments</i> , 2014, 14, 504-514.	1.5	29
121	RNase E forms a complex with polynucleotide phosphorylase in cyanobacteria via a cyanobacterial-specific nonapeptide in the noncatalytic region. <i>Rna</i> , 2014, 20, 568-579.	1.6	33
122	Adhesion of <i>Pseudomonas putida</i> onto kaolinite at different growth phases. <i>Chemical Geology</i> , 2014, 390, 1-8.	1.4	39
123	The regulation of HanA during heterocyst development in cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2673-2680.	1.7	1
124	Combined Application of Rice Straw and Fungus <i>Penicillium Chrysogenum</i> to Remediate Heavy-Metal-Contaminated Soil. <i>Soil and Sediment Contamination</i> , 2014, 23, 328-338.	1.1	13
125	Estimation of enzymatic, microbial, and chemical properties in Brown soil by microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 969-988.	2.0	17
126	Phenotypic variation caused by variation in the relative copy number of pDU1-based plasmids expressing the GAF domain of Pkn41 or Pkn42 in <i>Anabaena</i> sp. PCC 7120. <i>Research in Microbiology</i> , 2013, 164, 127-135.	1.0	20



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127	The effect of extracellular polymeric substances on the adhesion of bacteria to clay minerals and goethite. <i>Chemical Geology</i> , 2013, 360-361, 118-125.	1.4	60
128	Alr5068, a Low-Molecular-Weight protein tyrosine phosphatase, is involved in formation of the heterocysts polysaccharide layer in the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Research in Microbiology</i> , 2013, 164, 875-885.	1.0	2
129	ppGpp Metabolism Is Involved in Heterocyst Development in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2013, 195, 4536-4544.	1.0	23
130	Microcalorimetric evaluation of soil microbiological properties under plant residues and dogmatic water gradients in Red soil. <i>Soil Science and Plant Nutrition</i> , 2013, 59, 858-870.	0.8	15
131	Biosorption of cadmium by a metal-resistant filamentous fungus isolated from chicken manure compost. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1661-1670.	1.2	71
132	The inositol monophosphatase <i>Alr2917</i> ( <i>IMPA1</i> ) is involved in osmotic adaptation in <i>Anabaena</i> sp. PCC 7120. <i>Environmental Microbiology Reports</i> , 2012, 4, 622-632.	1.0	3
133	Surface display of monkey metallothionein $\pm$ tandem repeats and EGFP fusion protein on <i>Pseudomonas putida</i> X4 for biosorption and detection of cadmium. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1605-1613.	1.7	24
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