Gejiao Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/445043/publications.pdf

Version: 2024-02-01

172 papers	5,650 citations	100601 38 h-index	120465 65 g-index
175 all docs	175 docs citations	175 times ranked	5351 citing authors

#	Article	IF	Citations
1	Reducing cadmium in rice using metallothionein surface-engineered bacteria WH16-1-MT. Environmental Research, 2022, 203, 111801.	3.7	12
2	Cd immobilization mechanisms in a Pseudomonas strain and its application in soil Cd remediation. Journal of Hazardous Materials, 2022, 425, 127919.	6.5	23
3	Identification of a Novel Chromate and Selenite Reductase FesR in Alishewanella sp. WH16-1. Frontiers in Microbiology, 2022, 13, 834293.	1.5	4
4	Microbial oxidation of organic and elemental selenium to selenite. Science of the Total Environment, 2022, 833, 155203.	3.9	15
5	Moringa oleifera extract mediated the synthesis of Bio-SeNPs with antibacterial activity against Listeria monocytogenes and Corynebacterium diphtheriae. LWT - Food Science and Technology, 2022, 165, 113751.	2.5	6
6	Microbial Cd(II) and Cr(VI) resistance mechanisms and application in bioremediation. Journal of Hazardous Materials, 2021, 401, 123685.	6.5	105
7	Study on microbial communities and higher alcohol formations in the fermentation of Chinese Xiaoqu Baijiu produced by traditional and new mechanical technologies. Food Research International, 2021, 140, 109876.	2.9	38
8	Comamonas testosteroni antA encodes an antimonite-translocating P-type ATPase. Science of the Total Environment, 2021, 754, 142393.	3.9	13
9	Sediminibacterium soli sp. nov., isolated from soil. Archives of Microbiology, 2021, 203, 967-973.	1.0	5
10	Integrated Metabolomics and Targeted Gene Transcription Analysis Reveal Global Bacterial Antimonite Resistance Mechanisms. Frontiers in Microbiology, 2021, 12, 617050.	1.5	7
11	Microbial community changes during the mechanized production of light aromaXiaoqu baijiu. Biotechnology and Biotechnological Equipment, 2021, 35, 487-495.	0.5	16
12	Arsenate-Induced Changes in Bacterial Metabolite and Lipid Pools during Phosphate Stress. Applied and Environmental Microbiology, 2021, 87, .	1.4	5
13	NemA Catalyzes Trivalent Organoarsenical Oxidation and Is Regulated by the Trivalent Organoarsenical-Selective Transcriptional Repressor NemR. Environmental Science & Technology, 2021, 55, 6485-6494.	4.6	10
14	Control of N-Propanol Production in Simulated Liquid State Fermentation of Chinese Baijiu by Response Surface Methodology. Fermentation, 2021, 7, 85.	1.4	3
15	USP31 acetylation at Lys1264 is essential for its activity and cervical cancer cell growth. Acta Biochimica Et Biophysica Sinica, 2021, 53, 1037-1043.	0.9	6
16	Control of Streptomyces alfalfae XY25T Over Clubroot Disease and Its Effect on Rhizosphere Microbial Community in Chinese Cabbage Field Trials. Frontiers in Microbiology, 2021, 12, 641556.	1.5	11
17	Selenium-oxidizing Agrobacterium sp. T3F4 steadily colonizes in soil promoting selenium uptake by pak choi (Brassica campestris). Science of the Total Environment, 2021, 791, 148294.	3.9	14
18	Hyphomicrobium album sp. nov., isolated from mountain soil and emended description of genus Hyphomicrobium. Archives of Microbiology, 2021, 203, 5931-5936.	1.0	10

#	Article	IF	Citations
19	Mucilaginibacter hurinus sp. nov., isolated from briquette warehouse soil. Archives of Microbiology, 2020, 202, 127-134.	1.0	2
20	Fibrisoma montanum sp. nov., isolated from soil of Mountain Danxia, China. Archives of Microbiology, 2020, 202, 269-273.	1.0	6
21	Surfactants Enhanced Soil Arsenic Phytoextraction Efficiency by Pteris vittata L.. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 259-264.	1.3	8
22	Respiratory bacterial pathogen spectrum among COVID-19 infected and nonâ€“COVID-19 virus infected pneumonia patients. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115199.	0.8	18
23	Simultaneous degradation of triazophos, methamidophos and carbofuran pesticides in wastewater using an Enterobacter bacterial bioreactor and analysis of toxicity and biosafety. Chemosphere, 2020, 261, 128054.	4.2	26
24	Microbial Oxidation of Arsenite: Regulation, Chemotaxis, Phosphate Metabolism and Energy Generation. Frontiers in Microbiology, 2020, 11, 569282.	1.5	26
25	Immobilization of Cd Using Mixed Enterobacter and Comamonas Bacterial Reagents in Pot Experiments with Brassica rapa L.. Environmental Science & Technology, 2020, 54, 15731-15741.	4.6	46
26	Metabolic Responses to Arsenite Exposure Regulated through Histidine Kinases PhoR and AioS in Agrobacterium tumefaciens 5A. Microorganisms, 2020, 8, 1339.	1.6	1
27	NAD(P)H-dependent thioredoxin-disulfide reductase TrxR is essential for tellurite and selenite reduction and resistance in Bacillus sp. Y3. FEMS Microbiology Ecology, 2020, 96, .	1.3	16
28	Larkinella punicea sp. nov., isolated from manganese mine soil. Archives of Microbiology, 2020, 202, 2517-2523.	1.0	3
29	Simultaneous removal of chromate and arsenite by the immobilized Enterobacter bacterium in combination with chemical reagents. Chemosphere, 2020, 259, 127428.	4.2	16
30	Sphingomonas montanisoli sp. nov., isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3606-3613.	0.8	5
31	Luteimonas gilva sp. nov., isolated from farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3462-3467.	0.8	14
32	Reduction of tellurite in Shinella sp. WSJ-2 and adsorption removal of multiple dyes and metals by biogenic tellurium nanorods. International Biodeterioration and Biodegradation, 2019, 144, 104751.	1.9	21
33	Genetics and proteomics analyses reveal the roles of PhoB1 and PhoB2 regulators in bacterial responses to arsenite and phosphate. Research in Microbiology, 2019, 170, 263-271.	1.0	1
34	Simultaneous 3-/4-Hydroxybenzoates Biodegradation and Arsenite Oxidation by Hydrogenophaga sp. H7. Frontiers in Microbiology, 2019, 10, 1346.	1.5	21
35	Efflux proteins MacAB confer resistance to arsenite and penicillin/macrolide-type antibiotics in Agrobacterium tumefaciens 5A. World Journal of Microbiology and Biotechnology, 2019, 35, 115.	1.7	19
36	Cooperation between two strains of Enterobacter and Klebsiella in the simultaneous nitrogen removal and phosphate accumulation processes. Bioresource Technology, 2019, 291, 121854.	4.8	49

#	Article	IF	Citations
37	Regulation of antimonite oxidation and resistance by the phosphate regulator PhoB in Agrobacterium tumefaciens GW4. Microbiological Research, 2019, 226, 10-18.	2.5	5
38	Transcriptomics analysis defines global cellular response of Agrobacterium tumefaciens 5A to arsenite exposure regulated through the histidine kinases PhoR and AioS. Environmental Microbiology, 2019, 21, 2659-2676.	1.8	11
39	Gene function and expression regulation of RuvRCAB in bacterial Cr(VI), As(III), Sb(III), and Cd(II) resistance. Applied Microbiology and Biotechnology, 2019, 103, 2701-2713.	1.7	11
40	Anaerobic Bacterial Immobilization and Removal of Toxic Sb(III) Coupled With Fe(II)/Sb(III) Oxidation and Denitrification. Frontiers in Microbiology, 2019, 10, 360.	1.5	32
41	Pedobacter paludis sp. nov., isolated from wetland soil. Archives of Microbiology, 2019, 201, 349-355.	1.0	4
42	The essentialness of glutathione reductase GorA for biosynthesis of Se(0)-nanoparticles and GSH for CdSe quantum dot formation in Pseudomonas stutzeri TS44. Journal of Hazardous Materials, 2019, 366, 301-310.	6.5	33
43	Nocardioides silvaticus sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 68-73.	0.8	10
44	Paenibacillus flagellatus sp. nov., isolated from selenium mineral soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 183-188.	0.8	11
45	Nocardioides gansuensis sp. nov., isolated from geopark soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 390-396.	0.8	14
46	Dyadobacter luticola sp. nov., isolated from a sewage sediment sample. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 465-469.	0.8	11
47	Sphingosinicella humi sp. nov., isolated from arsenic-contaminated farmland soil and emended description of the genus Sphingosinicella. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 498-503.	0.8	12
48	Chitinophaga lutea sp. nov., isolated from arsenic-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2114-2119.	0.8	10
49	Sphingomonas aracearum sp. nov., isolated from rhizospheric soil of Araceae plants. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2972-2978.	0.8	8
50	Hymenobacter edaphi sp. nov., isolated from abandoned arsenic-contaminated farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2921-2927.	0.8	6
51	Mucilaginibacter terrenus sp. nov., isolated from manganese mine soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3074-3079.	0.8	13
52	Sphingomonas gilva sp. nov., isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3472-3477.	0.8	10
53	Phenylobacterium soli sp. nov., isolated from arsenic and cadmium contaminated farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1398-1403.	0.8	17
54	Phosphate starvation response controls genes required to synthesize the phosphate analog arsenate. Environmental Microbiology, 2018, 20, 1782-1793.	1.8	15

#	Article	IF	Citations
55	Proteomics and genetic analyses reveal the effects of arsenite oxidation on metabolic pathways and the roles of AioR in Agrobacterium tumefaciens GW4. Environmental Pollution, 2018, 235, 700-709.	3.7	21
56	Proteins enriched in charged amino acids control the formation and stabilization of selenium nanoparticles in Comamonas testosteroni S44. Scientific Reports, 2018, 8, 4766.	1.6	46
57	An Efficient Adsorption of Manganese Oxides/Activated Carbon Composite for Lead(II) Ions from Aqueous Solution. Arabian Journal for Science and Engineering, 2018, 43, 2155-2165.	1.7	20
58	Novel bacterial selenite reductase CsrF responsible for Se(IV) and Cr(VI) reduction that produces nanoparticles in Alishewanella sp. WH16-1. Journal of Hazardous Materials, 2018, 342, 499-509.	6.5	93
59	High-quality-draft genome sequence of the heavy metal resistant and exopolysaccharides producing bacterium Mucilaginibacter pedocola TBZ30T. Standards in Genomic Sciences, 2018, 13, 34.	1.5	11
60	Genomic Islands Confer Heavy Metal Resistance in Mucilaginibacter kameinonensis and Mucilaginibacter rubeus Isolated from a Gold/Copper Mine. Genes, 2018, 9, 573.	1.0	18
61	High-quality-draft genome sequence of the multiple heavy metal resistant bacterium Pseudaminobacter manganicus JH-7T. Standards in Genomic Sciences, 2018, 13, 29.	1.5	8
62	Efflux Transporter ArsK Is Responsible for Bacterial Resistance to Arsenite, Antimonite, Trivalent Roxarsone, and Methylarsenite. Applied and Environmental Microbiology, 2018, 84, .	1.4	53
63	The Cytochrome bd Complex Is Essential for Chromate and Sulfide Resistance and Is Regulated by a GbsR-Type Regulator, CydE, in Alishewanella Sp. WH16-1. Frontiers in Microbiology, 2018, 9, 1849.	1.5	15
64	Adsorption Removal of Multiple Dyes Using Biogenic Selenium Nanoparticles from an Escherichia coli Strain Overexpressed Selenite Reductase CsrF. Nanomaterials, 2018, 8, 234.	1.9	20
65	Novel mechanisms of selenate and selenite reduction in the obligate aerobic bacterium Comamonas testosteroni S44. Journal of Hazardous Materials, 2018, 359, 129-138.	6.5	54
66	Immobilization of cadmium by immobilized Alishewanella sp. WH16-1 with alginate-lotus seed pods in pot experiments of Cd-contaminated paddy soil. Journal of Hazardous Materials, 2018, 357, 431-439.	6.5	52
67	Lysobacter tongrenensis sp. nov., isolated from soil of a manganese factory. Archives of Microbiology, 2018, 200, 439-444.	1.0	6
68	Pedobacter mongoliensis sp. nov., isolated from grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1112-1117.	0.8	8
69	Deinococcus rufus sp. nov., isolated from soil near an iron factory. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1622-1626.	0.8	5
70	Paenibacillus montanisoli sp. nov., isolated from mountain area soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3569-3575.	0.8	8
71	An Oxidoreductase AioE is Responsible for Bacterial Arsenite Oxidation and Resistance. Scientific Reports, 2017, 7, 41536.	1.6	18
72	Abiotic and biotic factors responsible for antimonite oxidation in Agrobacterium tumefaciens GW4. Scientific Reports, 2017, 7, 43225.	1.6	22

#	Article	IF	Citations
73	Arsenite oxidation regulator AioR regulates bacterial chemotaxis towards arsenite in Agrobacterium tumefaciens GW4. Scientific Reports, 2017, 7, 43252.	1.6	29
74	Metabolic response of Agrobacterium tumefaciens 5A to arsenite. Environmental Microbiology, 2017, 19, 710-721.	1.8	15
75	Regulation of Class A Î²-Lactamase CzoA by CzoR and IscR in Comamonas testosteroni S44. Frontiers in Microbiology, 2017, 8, 2573.	1.5	9
76	High-quality-draft genomic sequence of Paenibacillus ferrarius CY1T with the potential to bioremediate Cd, Cr and Se contamination. Standards in Genomic Sciences, 2017, 12, 60.	1.5	4
77	Pseudaminobacter manganicus sp. nov., isolated from sludge of a manganese mine. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1589-1594.	0.8	9
78	Cumulibacter manganitolerans gen. nov., sp. nov., isolated from sludge of a manganese mine. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2646-2652.	0.8	16
79	Edaphobaculum flavum gen. nov., sp. nov., a member of family Chitinophagaceae, isolated from grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4475-4481.	0.8	17
80	Sediminibacterium roseum sp. nov., isolated from sewage sediment. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4674-4679.	0.8	12
81	Nocardioides immobilis sp. nov., isolated from iron mine soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5230-5234.	0.8	24
82	Effects upon metabolic pathways and energy production by Sb(III) and As(III)/Sb(III)-oxidase gene aioA in Agrobacterium tumefaciens GW4. PLoS ONE, 2017, 12, e0172823.	1.1	13
83	Nocardioides litorisoli sp. nov., isolated from lakeside soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4216-4220.	0.8	9
84	Genome Sequence of Selenium-Solubilizing Bacterium Caulobacter vibrioides T5M6. Genome Announcements, 2016, 4, .	0.8	10
85	Reduction of selenite to Se(0) nanoparticles by filamentous bacterium Streptomyces sp. ES2-5 isolated from a selenium mining soil. Microbial Cell Factories, 2016, 15, 157.	1.9	77
86	Soil pH, total phosphorus, climate and distance are the major factors influencing microbial activity at a regional spatial scale. Scientific Reports, 2016, 6, 25815.	1.6	70
87	Regulatory Activities of Four ArsR Proteins in Agrobacterium tumefaciens 5A. Applied and Environmental Microbiology, 2016, 82, 3471-3480.	1.4	25
88	Immobilization of Lead by Alishewanella sp. WH16-1 in Pot Experiments of Pb-Contaminated Paddy Soil. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	20
89	Draft genomic sequence of a chromate- and sulfate-reducing Alishewanella strain with the ability to bioremediate Cr and Cd contamination. Standards in Genomic Sciences, 2016, 11, 48.	1.5	22
90	Disrupting ROS-protection mechanism allows hydrogen peroxide to accumulate and oxidize Sb(III) to Sb(V) in Pseudomonas stutzeri TS44. BMC Microbiology, 2016, 16, 279.	1.3	24

#	Article	IF	Citations
91	Production of a microcapsule agent of chromate-reducing Lysinibacillus fusiformis ZC1Âand its application in remediation of chromate-spiked soil. SpringerPlus, 2016, 5, 561.	1.2	7
92	Microbial Antimony Biogeochemistry: Enzymes, Regulation, and Related Metabolic Pathways. Applied and Environmental Microbiology, 2016, 82, 5482-5495.	1.4	142
93	Activated carbon doped with biogenic manganese oxides for the removal of indigo carmine. Journal of Environmental Management, 2016, 166, 512-518.	3.8	43
94	Hymenobacter monticola sp. nov., isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 812-816.	0.8	11
95	Bacillus cavernae sp. nov. isolated from cave soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 801-806.	0.8	20
96	Niastella vici sp. nov., isolated from farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1768-1772.	0.8	13
97	Sphingomonas faucium sp. nov., isolated from canyon soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2847-2852.	0.8	11
98	Domibacillus antri sp. nov., isolated from the soil of a cave. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2502-2508.	0.8	9
99	Mucilaginibacter pedocola sp. nov., isolated from a heavy-metal-contaminated paddy field. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4033-4038.	0.8	22
100	Chryseobacterium montanum sp. nov. isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4051-4056.	0.8	20
101	Flavihumibacter stibioxidans sp. nov., an antimony-oxidizing bacterium isolated from antimony mine soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4676-4680.	0.8	17
102	Pelobium manganitolerans gen. nov., sp. nov., isolated from sludge of a manganese mine. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4954-4959.	0.8	14
103	Pedobacter vanadiisoli sp. nov., isolated from soil of a vanadium mine. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5112-5117.	0.8	8
104	Sphingoaurantiacus capsulatus sp. nov., isolated from mountain soil, and emended description of the genus Sphingoaurantiacus. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4930-4935.	0.8	10
105	High quality draft genomic sequence of Flavobacterium enshiense DK69T and comparison among Flavobacterium genomes. Standards in Genomic Sciences, 2015, 10, 92.	1.5	2
106	High quality draft genomic sequence of Arenimonas donghaensis DSM 18148T. Standards in Genomic Sciences, 2015, 10, 59.	1.5	6
107	Draft genome sequence of Cellulomonas carbonis T26T and comparative analysis of six Cellulomonas genomes. Standards in Genomic Sciences, 2015, 10, 104.	1.5	5
108	Genomic information of the arsenic-resistant bacterium Lysobacter arseniciresistens type strain ZS79T and comparison of Lysobacter draft genomes. Standards in Genomic Sciences, 2015, 10, 88.	1.5	6

#	Article	IF	Citations
109	High quality draft genome sequence of the moderately halophilic bacterium Pontibacillus yanchengensis Y32T and comparison among Pontibacillus genomes. Standards in Genomic Sciences, 2015, 10, 93.	1.5	5
110	Involvement of the Acr3 and DctA antiâ€porters in arsenite oxidation in <scp>A</scp>grobacterium tumefaciens 5A. Environmental Microbiology, 2015, 17, 1950-1962.	1.8	21
111	Regulation of arsenite oxidation by the phosphate two-component system PhoBR in Halomonas sp. HAL1. Frontiers in Microbiology, 2015, 6, 923.	1.5	40
112	Global Regulator IscR Positively Contributes to Antimonite Resistance and Oxidation in Comamonas testosteroni S44. Frontiers in Molecular Biosciences, 2015, 2, 70.	1.6	13
113	High quality draft genomic sequence of Flavihumibacter solisilvae 3-3T. Standards in Genomic Sciences, 2015, 10, 66.	1.5	3
114	Arsenite Oxidase Also Functions as an Antimonite Oxidase. Applied and Environmental Microbiology, 2015, 81, 1959-1965.	1.4	71
115	High correlation between genotypes and phenotypes of environmental bacteria Comamonas testosteroni strains. BMC Genomics, 2015, 16, 110.	1.2	37
116	Draft Genome Sequence of Se(IV)-Reducing Bacterium Pseudomonas migulae ES3-33. Genome Announcements, 2015, 3, .	0.8	5
117	Proteomics and Genetics for Identification of a Bacterial Antimonite Oxidase in Agrobacterium tumefaciens. Environmental Science & Technology, 2015, 49, 5980-5989.	4.6	72
118	Chromate Interaction with the Chromate Reducing ActinobacteriumIntrasporangium chromatireducensQ5-1. Geomicrobiology Journal, 2015, 32, 616-623.	1.0	10
119	Draft genomic sequence of a selenite-reducing bacterium, Paenirhodobacter enshiensis DW2-9T. Standards in Genomic Sciences, 2015, 10, 38.	1.5	4
120	Fate of arsenate following arsenite oxidation in <scp>A</scp>grobacterium tumefaciensâ€...<scp>GW</scp>4. Environmental Microbiology, 2015, 17, 1926-1940.	1.8	48
121	Paenibacillus ferrarius sp. nov., isolated from iron mineral soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 165-170.	0.8	29
122	Chitinophaga barathri sp. nov., isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4233-4238.	0.8	17
123	Genomic Evidence Reveals the Extreme Diversity and Wide Distribution of the Arsenic-Related Genes in Burkholderiales. PLoS ONE, 2014, 9, e92236.	1.1	38
124	Paenirhodobacter enshiensis gen. nov., sp. nov., a non-photosynthetic bacterium isolated from soil, and emended descriptions of the genera Rhodobacter and Haematobacter. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 551-558.	0.8	35
125	Thermomonas carbonis sp. nov., isolated from the soil of a coal mine. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3631-3635.	0.8	25
126	Paenibacillus selenitireducens sp. nov., a selenite-reducing bacterium isolated from a selenium mineral soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 805-811.	0.8	50

#	Article	IF	Citations
127	Paenibacillus selenii sp. nov., isolated from selenium mineral soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2662-2667.	0.8	20
128	Distinct responses of soil microbial communities to elevated CO2 and O3 in a soybean agro-ecosystem. ISME Journal, 2014, 8, 714-726.	4.4	80
129	Selenite reduction by the obligate aerobic bacterium Comamonas testosteroni S44 isolated from a metal-contaminated soil. BMC Microbiology, 2014, 14, 204.	1.3	72
130	Genomic analysis of Agrobacterium radiobacter DSM 30147T and emended description of A. radiobacter (Beijerinck and van Delden 1902) Conn 1942 (Approved Lists 1980) emend. Sawada et al. 1993. Standards in Genomic Sciences, 2014, 9, 574-584.	1.5	12
131	Genomic analysis of Skermanella stibiiresistens type strain SB22T. Standards in Genomic Sciences, 2014, 9, 1211-1220.	1.5	14
132	Sphingobium cupriresistens sp. nov., a copper-resistant bacterium isolated from copper mine soil, and emended description of the genus Sphingobium. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 604-609.	0.8	33
133	Comparative genome characterization of Achromobacter members reveals potential genetic determinants facilitating the adaptation to a pathogenic lifestyle. Applied Microbiology and Biotechnology, 2013, 97, 6413-6425.	1.7	45
134	Flavobacterium hauense sp. nov., isolated from soil and emended descriptions of Flavobacterium subsaxonicum , Flavobacterium beibuense and Flavobacterium rivuli. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3237-3242.	0.8	37
135	Flavobacterium enshiense sp. nov., isolated from soil, and emended descriptions of the genus Flavobacterium and Flavobacterium cauense , Flavobacterium saliperosum and Flavobacterium suncheonense. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 886-892.	0.8	119
136	Lysinibacillus manganicus sp. nov., isolated from manganese mining soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3568-3573.	0.8	31
137	Phylogenetic and genome analyses of antimony-oxidizing bacteria isolated from antimony mined soil. International Biodeterioration and Biodegradation, 2013, 76, 76-80.	1.9	102
138	Arsenite Oxidation Using Biogenic Manganese Oxides Produced by a Deep-Sea Manganese-Oxidizing Bacterium,Marinobactersp. MnI7-9. Geomicrobiology Journal, 2013, 30, 150-159.	1.0	43
139	Actinotalea ferrariae sp. nov., isolated from an iron mine, and emended description of the genus Actinotalea. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3398-3403.	0.8	22
140	Correlation Models between Environmental Factors and Bacterial Resistance to Antimony and Copper. PLoS ONE, 2013, 8, e78533.	1.1	58
141	In silico analysis of bacterial arsenic islands reveals remarkable synteny and functional relatedness between arsenate and phosphate. Frontiers in Microbiology, 2013, 4, 347.	1.5	44
142	Genome Sequence of the Facultative Anaerobic Arsenite-Oxidizing and Nitrate-Reducing Bacterium Acidovorax sp. Strain NO1. Journal of Bacteriology, 2012, 194, 1635-1636.	1.0	54
143	Intrasporangium chromatireducens sp. nov., a chromate-reducing actinobacterium isolated from manganese mining soil, and emended description of the genus Intrasporangium. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 403-408.	0.8	15
144	Skermanella stibiiresistens sp. nov., a highly antimony-resistant bacterium isolated from coal-mining soil, and emended description of the genus Skermanella. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1271-1276.	0.8	41

#	Article	IF	Citations
145	Genome Sequence of the Highly Efficient Arsenite-Oxidizing Bacterium Achromobacter arsenitoxydans SY8. Journal of Bacteriology, 2012, 194, 1243-1244.	1.0	31
146	Knoellia flava sp. nov., isolated from pig manure. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 384-389.	0.8	10
147	Assessing the Microbial Community and Functional Genes in a Vertical Soil Profile with Long-Term Arsenic Contamination. PLoS ONE, 2012, 7, e50507.	1.1	37
148	Genome Sequence of the Arsenite-Oxidizing Strain Agrobacterium tumefaciens 5A. Journal of Bacteriology, 2012, 194, 903-903.	1.0	17
149	Massilia tieshanensis sp. nov., isolated from mining soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2356-2362.	0.8	46
150	Genome Sequence of the Moderately Halotolerant, Arsenite-Oxidizing Bacterium Pseudomonas stutzeri TS44. Journal of Bacteriology, 2012, 194, 4473-4474.	1.0	22
151	Lysobacter arseniciresistens sp. nov., an arsenite-resistant bacterium isolated from iron-mined soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1659-1665.	0.8	47
152	Cellulomonas carbonis sp. nov., isolated from coal mine soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2004-2010.	0.8	32
153	Arenimonas metalli sp. nov., isolated from an iron mine. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1744-1749.	0.8	38
154	A periplasmic arseniteâ€binding protein involved in regulating arsenite oxidation. Environmental Microbiology, 2012, 14, 1624-1634.	1.8	79
155	Theoretical Prediction and Experimental Verification of Protein-Coding Genes in Plant Pathogen Genome Agrobacterium tumefaciens Strain C58. PLoS ONE, 2012, 7, e43176.	1.1	18
156	Pontibacillus yanchengensis sp. nov., a moderately halophilic bacterium isolated from salt field soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1906-1911.	0.8	16
157	Genome analysis and characterization of zinc efflux systems of a highly zinc-resistant bacterium, Comamonas testosteroni S44. Research in Microbiology, 2011, 162, 671-679.	1.0	44
158	Characterization and genomic analysis of a highly chromate resistant and reducing bacterial strain Lysinibacillus fusiformis ZC1. Journal of Hazardous Materials, 2011, 185, 682-688.	6.5	170
159	Characterization and genomic analysis of chromate resistant and reducing Bacillus cereus strain SJ1. BMC Microbiology, 2010, 10, 221.	1.3	78
160	Kushneria sinocarnis sp. nov., a moderately halophilic bacterium isolated from a Chinese traditional cured meat. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1881-1886.	0.8	23
161	Microbial Communities and Functional Genes Associated with Soil Arsenic Contamination and the Rhizosphere of the Arsenic-Hyperaccumulating Plant Pteris vittata L. Applied and Environmental Microbiology, 2010, 76, 7277-7284.	1.4	102
162	Removal of multi-heavy metals using biogenic manganese oxides generated by a deep-sea sedimentary bacterium â€“ Brachybacterium sp. strain Mn32. Microbiology (United Kingdom), 2009, 155, 1989-1996.	0.7	70

#	Article	IF	Citations
163	Genes involved in arsenic transformation and resistance associated with different levels of arsenic-contaminated soils. BMC Microbiology, 2009, 9, 4.	1.3	269
164	Removal of toxic chromate using free and immobilized Cr(VI)-reducing bacterial cells of Intrasporangium sp. Q5-1. World Journal of Microbiology and Biotechnology, 2009, 25, 1579-1587.	1.7	69
165	Novel gene clusters involved in arsenite oxidation and resistance in two arsenite oxidizers: Achromobacter sp. SY8 and Pseudomonas sp. TS44. Applied Microbiology and Biotechnology, 2009, 83, 715-725.	1.7	85
166	Arsenic detoxification and evolution of trimethylarsine gas by a microbial arseniteS-adenosylmethionine methyltransferase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2075-2080.	3.3	587
167	Arsenic Resistance in Halobacterium sp. Strain NRC-1 Examined by Using an Improved Gene Knockout System. Journal of Bacteriology, 2004, 186, 3187-3194.	1.0	151
168	Real-time PCR quantification of a green fluorescent protein-labeled, genetically engineeredPseudomonas putidastrain during 2-chlorobenzoate degradation in soil. FEMS Microbiology Letters, 2004, 233, 307-314.	0.7	33
169	Poplar (Populus nigra L.) plants transformed with aBacillus thuringiensis toxin gene: insecticidal activity and genomic analysis. Transgenic Research, 1996, 5, 289-301.	1.3	88
170	Evidence for genomic changes in transgenic rice (Oryza sativa L.) recovered from protoplasts. Transgenic Research, 1996, 5, 97-103.	1.3	32
171	Physiological Mechanism of Exogenous Vitamin E Influencing Shelf-Life, Physicochemical Quality and Microorganism of Fresh-Cut Chinese Water Chestnut. SSRN Electronic Journal, 0, , .	0.4	0
172	Indole-Acetic Acid Promotes Ammonia Removal Through Heterotrophic Nitrification, Aerobic Denitrification With Mixed Enterobacter sp. Z1 and Klebsiella sp. Z2. Frontiers in Microbiology, 0, 13, .	1.5	0