Masashi Kuroda

List of PR Articles by Year
in descending order

45 PR articles	1,229 PR citations	342448 19 PR h-index	341354 33 g-index
52 documents	1395 doc citations	349887 20 h-index	1289 citing authors

#	Article	IF	PR Citations
1	Assessing the Spatiotemporal Dynamics of Environmental Sustainability in China. Sustainability, 2024, 16, 5322.	3.1	0
2	Policy design by â€œimaginary future generationsâ€•with systems thinking : a practice by Kyoto city towards decarbonization in 2050. Futures, 2023, 154, 103272.	3.4	9
3	Genome-wide identification of bacterial colonization and fitness determinants on the floating macrophyte, duckweed. Communications Biology, 2022, 5, .	4.5	27
4	Methods for selenium removal from contaminated waters: a review. Environmental Chemistry Letters, 2022, 20, 2019-2041.	19.3	48
5	Shifting the perception of water environment problems by introducing â€œimaginary future generationsâ€â€”Evidence from participatory workshop in Ho Chi Minh City, Vietnam. Futures, 2021, 126, 102671.	3.4	20
6	Factors affecting antimonate bioreduction by Dechloromonas sp. AR-2 and Propionivibrio sp. AR-3. 3 Biotech, 2021, 11, .	2.6	11
7	Microbial antimonate reduction and removal potentials in river sediments. Chemosphere, 2021, 266, 129192.	8.3	12
8	Coordination of leaf economics traits within the family of the world's fastest growing plants (Lemnaceae). Journal of Ecology, 2021, 109, 2950-2962.	4.6	21
9	Enhanced biomass production and nutrient removal capacity of duckweed via two-step cultivation process with a plant growth-promoting bacterium, Acinetobacter calcoaceticus P23. Chemosphere, 2020, 238, 124682.	8.3	45
10	Isolation and Characterization of Facultative-Anaerobic Antimonate-Reducing Bacteria. Microorganisms, 2020, 8, 1435.	4.0	14
11	Community dynamics of duckweed-associated bacteria upon inoculation of plant growth-promoting bacteria. FEMS Microbiology Ecology, 2020, 96, .	2.8	33
12	Occurrence and distribution of estrogenic chemicals in river waters of Malaysia. Toxicology and Environmental Health Sciences, 2020, 12, 65-74.	1.1	32
13	Synthetic Bacterial Community of Duckweed: A Simple and Stable System to Study Plant-microbe Interactions. Microbes and Environments, 2020, 35, n/a.	1.9	23
14	Biological removal of selenate in saline wastewater by activated sludge under alternating anoxic/oxic conditions. Frontiers of Environmental Science and Engineering, 2019, 13, .	4.9	15
15	Reconciling intergenerational conflicts with imaginary future generations: evidence from a participatory deliberation practice in a municipality in Japan. Sustainability Science, 2019, 14, 1605-1619.	4.1	93
16	Biosynthesis of bismuth selenide nanoparticles using chalcogen-metabolizing bacteria. Applied Microbiology and Biotechnology, 2019, 103, 8853-8861.	4.1	9
17	Performance of plant growth-promoting bacterium of duckweed under different kinds of abiotic stress factors. Biocatalysis and Agricultural Biotechnology, 2019, 19, 101146.	3.6	22
18	Investigation of prospective factors that control Kouleothrix (Type 1851) filamentous bacterial abundance and their correlation with sludge settleability in full-scale wastewater treatment plants. Chemical Engineering Research and Design, 2019, 124, 137-142.	6.3	38

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19	Biological treatment of selenate-containing saline wastewater by activated sludge under oxygen-limiting conditions. Water Research, 2019, 154, 327-335.	12.6	58
20	Potential of waste activated sludge to accumulate polyhydroxyalkanoates and glycogen using industrial wastewater/liquid wastes as substrates. Water Science and Technology, 2019, 80, 2373-2380.	2.7	6
21	Colonization and Competition Dynamics of Plant Growth-Promoting/Inhibiting Bacteria in the Phytosphere of the Duckweed Lemna minor. Microbial Ecology, 2019, 77, 440-450.	3.4	39
22	Removal of selenite from artificial wastewater with high salinity by activated sludge in aerobic sequencing batch reactors. Journal of Bioscience and Bioengineering, 2019, 127, 618-624.	2.8	16
23	Carbon sources that enable enrichment of 1,4-dioxane-degrading bacteria in landfill leachate. Biodegradation, 2019, 31, 23-34.	2.9	23
24	Toward designing sustainability education programs: a survey of masterâ€™s programs through semi-structured interviews. Sustainability Science, 2018, 13, 953-972.	4.1	26
25	Characterization of moderately halotolerant selenate- and tellurite-reducing bacteria isolated from brackish areas in Osaka. Bioscience, Biotechnology and Biochemistry, 2018, 82, 173-181.	1.2	23
26	Biomass Production and Nutrient Removal through Cultivation of <i>Euglena gracilis</i> in Domestic Wastewater. Japanese Journal of Water Treatment Biology, 2018, 54, 105-113.	0.1	8
27	Historical Trends of Academic Research on the Water Environment in Japan: Evidence from the Academic Literature in the Past 50 Years. Water (Switzerland), 2018, 10, 1456.	2.8	5
28	Draft Genome Sequence of Aquitalea magnusonii Strain H3, a Plant Growth-Promoting Bacterium of Duckweed () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Lemna minor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 372 Td (	0.7	9
29	Differential oxidative and antioxidative response of duckweed Lemna minor toward plant growth promoting/inhibiting bacteria. Plant Physiology and Biochemistry, 2017, 118, 667-673.	5.5	37
30	Draft Genome Sequence of Sphingobium fuliginis OMI, a Bacterium That Degrades Alkylphenols and Bisphenols. Genome Announcements, 2017, 5, .	0.7	2
31	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed Lemna minor. Biotechnology for Biofuels, 2017, 10, .	6.4	91
32	Draft Genome Sequence of Pseudonocardia sp. Strain N23, a 1,4-Dioxane-Degrading Bacterium. Genome Announcements, 2017, 5, .	0.7	4
33	Characterization of the genes involved in nitrogen cycling in wastewater treatment plants using DNA microarray and most probable number-PCR. Frontiers of Environmental Science and Engineering, 2016, 10, .	4.9	15
34	Historical development of wastewater and sewage sludge treatment technologies in Japan â€“ An analysis of patent data from the past 50 years. Environmental Development, 2016, 19, 59-69.	5.1	25
35	Evaluating the life cycle CO 2 emissions and costs of thermoelectric generators for passenger automobiles: a scenario analysis. Journal of Cleaner Production, 2016, 126, 607-619.	9.7	82
36	Draft Genome Sequence of Bacillus selenatarsenatis SF-1 ^T , a Promising Agent for Bioremediation of Environments Contaminated with Selenium and Arsenic. Genome Announcements, 2015, 3, .	0.7	5

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37	Effects of culture conditions of Pseudomonas aeruginosa strain RB on the synthesis of CdSe nanoparticles. Journal of Bioscience and Bioengineering, 2015, 119, 440-445.	2.8	27
38	Draft Genome Sequence of Pseudomonas aeruginosa Strain RB, a Bacterium Capable of Synthesizing Cadmium Selenide Nanoparticles. Genome Announcements, 2014, 2, .	0.7	3
39	Isolation of a selenite-reducing and cadmium-resistant bacterium Pseudomonas sp. strain RB for microbial synthesis of CdSe nanoparticles. Journal of Bioscience and Bioengineering, 2014, 117, 576-581.	2.8	55
40	Effective selenium volatilization under aerobic conditions and recovery from the aqueous phase byÂPseudomonas stutzeri NT-I. Water Research, 2013, 47, 1361-1368.	12.6	87
41	Isolation and Characterization of Bacteria Capable of Reducing Tellurium Oxyanions to Insoluble Elemental Tellurium for Tellurium Recovery from Wastewater. Waste and Biomass Valorization, 2012, 3, 409-418.	2.3	21
42	Characterization of Pseudomonas stutzeri NT-I capable of removing soluble selenium from the aqueous phase under aerobic conditions. Journal of Bioscience and Bioengineering, 2011, 112, 259-264.	2.8	97
43	Laboratory-scale bioreactors for soluble selenium removal from selenium refinery wastewater using anaerobic sludge. Desalination, 2011, 279, 433-438.	9.4	100
44	Molecular Cloning and Characterization of the srdBCA Operon, Encoding the Respiratory Selenate Reductase Complex, from the Selenate-Reducing Bacterium Bacillus selenatarsenatis SF-1. Journal of Bacteriology, 2011, 193, 2141-2148.	2.9	72
45	Bacillus selenatarsenatis sp. nov., a selenate- and arsenate-reducing bacterium isolated from the effluent drain of a glass-manufacturing plant. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1060-1064.	1.7	83