

Arata Katayama

List of Publications by Year in descending order

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papers

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citations

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docs citations

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147
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur in humin as a redox-active element for extracellular electron transfer. <i>Geoderma</i> , 2022, 408, 115580.	5.1	9
2	Effect of Humin and Chemical Factors on CO ₂ -Fixing Acetogenesis and Methanogenesis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2546.	2.6	5
3	Humin: No longer inactive natural organic matter. <i>Chemosphere</i> , 2021, 269, 128697.	8.2	29
4	Humin Assists Reductive Acetogenesis in Absence of Other External Electron Donor. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4211.	2.6	12
5	Anaerobic Dechlorination by a Humin-Dependent Pentachlorophenol-Dechlorinating Consortium under Autotrophic Conditions Induced by Homoacetogenesis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2873.	2.6	14
6	Development of sample preparation technique to characterize chemical structure of humin by synchrotron-radiation-based X-ray photoelectron spectroscopy. <i>Surface and Interface Analysis</i> , 2019, 51, 226-233.	1.8	13
7	Humin as an External Electron Mediator for Microbial Pentachlorophenol Dechlorination: Exploration of Redox Active Structures Influenced by Isolation Methods. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2753.	2.6	10
8	Phenol-degrading anode biofilm with high coulombic efficiency in graphite electrodes microbial fuel cell. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 364-369.	2.2	42
9	Denitrification by <i>Pseudomonas stutzeri</i> coupled with CO ₂ reduction by <i>Sporomusa ovata</i> with hydrogen as an electron donor assisted by solid-phase humin. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 307-313.	2.2	9