

Arata Katayama

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

143
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Humin: No longer inactive natural organic matter. <i>Chemosphere</i> , 2021, 269, 128697.	8.2	29
3	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
4	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
5	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
6	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
7	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
8	Sulfur in humin as a redox-active element for extracellular electron transfer. <i>Geoderma</i> , 2022, 408, 115580.	5.1	9
9	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