

Young-Min Wie

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

152
citations

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all docs

19
docs citations

19
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of ballasted flocculation (BF) sludge for the manufacturing of lightweight aggregates. <i>Journal of Environmental Management</i> , 2022, 305, 114379.	7.8	6
2	Coagulation Behavior of Antimony Oxyanions in Water: Influence of pH, Inorganic and Organic Matter on the Physicochemical Characteristics of Iron Precipitates. <i>Molecules</i> , 2022, 27, 1663.	3.8	2
3	Efficacy of Continuous Flow Reactors for Biological Treatment of 1,4-Dioxane Contaminated Textile Wastewater Using a Mixed Culture. <i>Fermentation</i> , 2022, 8, 143.	3.0	7
4	Manufacturing and application of artificial lightweight aggregate from water treatment sludge. <i>Journal of Cleaner Production</i> , 2021, 307, 127260.	9.3	32
5	Removal of Arsenic Oxyanions from Water by Ferric Chloride—Optimization of Process Conditions and Implications for Improving Coagulation Performance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9812.	2.6	4
6	Synergetic Effect of Organic Flocculant and Montmorillonite Clay on the Removal of Nano-CuO by Coagulation-Flocculation-Sedimentation Process. <i>Nanomaterials</i> , 2021, 11, 2753.	4.1	3
7	Adsorption Capacities of Iron Hydroxide for Arsenate and Arsenite Removal from Water by Chemical Coagulation: Kinetics, Thermodynamics and Equilibrium Studies. <i>Molecules</i> , 2021, 26, 7046.	3.8	7
8	Characterization of 1,4-Dioxane Biodegradation by a Microbial Community. <i>Water (Switzerland)</i> , 2020, 12, 3372.	2.7	10
9	The Experimental Process Design of Artificial Lightweight Aggregates Using an Orthogonal Array Table and Analysis by Machine Learning. <i>Materials</i> , 2020, 13, 5570.	2.9	9
10	Physicochemical effect of the aeration rate on bloating characterizations of artificial lightweight aggregate. <i>Construction and Building Materials</i> , 2020, 256, 119444.	7.2	11
11	Effects of Additional Carbon Sources in the Biodegradation of 1,4-Dioxane by a Mixed Culture. <i>Water (Switzerland)</i> , 2020, 12, 1718.	2.7	8
12	Composition design of the optimum bloating activation condition for artificial lightweight aggregate using coal ash. <i>Journal of the Korean Ceramic Society</i> , 2020, 57, 220-230.	2.3	4
13	Chemical design of lightweight aggregate to prevent adhesion at bloating activation temperature. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 245-254.	2.3	13
14	Optimum conditions for unit processing of artificial lightweight aggregates using the Taguchi method. <i>Journal of Asian Ceramic Societies</i> , 2019, 7, 331-341.	2.3	8
15	Optimum Bloating-Activation Zone of Artificial Lightweight Aggregate by Dynamic Parameters. <i>Materials</i> , 2019, 12, 267.	2.9	13
16	Bloating Mechanism of Lightweight Aggregates due to Ramping Rate. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-12.	1.8	10
17	Evaporation and Stabilization of Heavy Metals with Colloid/Interface Properties in EAF Dust-Clay Bodies. <i>Materials Science Forum</i> , 2007, 544-545, 569-572.	0.3	2
18	Correlation to the Physical Properties of Green and Sintered Body of Artificial Lightweight Aggregate with the Pelletizing Variables. <i>Journal of the Korean Ceramic Society</i> , 2007, 44, 568-573.	2.3	2

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19	Evaporation and Stabilization of Heavy Metals with Colloid/Interface Properties in EAF Dust-Clay Bodies. Materials Science Forum, 0, , 569-572.	0.3	1