Young-Min Wie

List of Publications by Year
in descending order

19	152	1163117 8	1199594 12
papers	citations	h-index	g-index

19	19	19	69
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
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