

Kang Hoon Lee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Manufacturing and application of artificial lightweight aggregate from water treatment sludge. <i>Journal of Cleaner Production</i> , 2021, 307, 127260.	9.3	32
2	Removal of ZnO Nanoparticles from Natural Waters by Coagulation-Flocculation Process: Influence of Surfactant Type on Aggregation, Dissolution and Colloidal Stability. <i>Sustainability</i> , 2019, 11, 17.	3.2	23
3	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
4	Degradation analysis of polymeric pipe materials used for water supply systems under various disinfectant conditions. <i>Chemosphere</i> , 2022, 291, 132669.	8.2	13
5	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
6	Bloating Mechanism of Lightweight Aggregates due to Ramping Rate. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-12.	1.8	10
7	Characterization of 1,4-Dioxane Biodegradation by a Microbial Community. <i>Water (Switzerland)</i> , 2020, 12, 3372.	2.7	10
8	Sensitivity of physical membrane damage detection on low pressure membranes of commercialized specification. <i>Desalination</i> , 2022, 527, 115568.	8.2	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	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
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	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
13	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
14	Use of ballasted flocculation (BF) sludge for the manufacturing of lightweight aggregates. <i>Journal of Environmental Management</i> , 2022, 305, 114379.	7.8	6
15	Gravimetric analysis of stability of polymeric materials during exposure to chemical disinfectants at different temperatures. <i>Chemosphere</i> , 2022, 302, 134813.	8.2	2
16	Removal of Tannic Acid Stabilizes CuO Nanoparticles from Aqueous Media by PAFC: Effect of Process Conditions and Water Chemistry. <i>Molecules</i> , 2021, 26, 5615.	3.8	0