Seok Dockko

List of Publications by Year
in descending order

23	131	1478280 6	1372474 10
papers	citations	h-index	g-index

23	23	23	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-energy high-rate flotation technology for reduction of organic matter and disinfection by-products formation potential: A pilot-scale study. Chemosphere, 2022, 303, 135147.	4.2	0
2	Assessing the efficacy of dissolved air and flash-pressurized flotations using low energy for the removal of organic precursors and disinfection byproducts: a pilot-scale study. Environmental Science and Pollution Research, 2021, 28, 40598-40607.	2.7	4
3	Enhanced flotation technology using low-density microhollow beads to remove algae from a drinking water source. Journal of Water Process Engineering, 2021, 42, 102131.	2.6	5
4	Degradation effect of ultraviolet-induced advanced oxidation of chlorine, chlorine dioxide, and hydrogen peroxide and its impact on coagulation of extracellular organic matter produced by Microcystis aeruginosa. Chemosphere, 2021, 281, 130765.	4.2	13
5	Models for predicting carbonaceous disinfection by-products formation in drinking water treatment plants: a case study of South Korea. Environmental Science and Pollution Research, 2020, 27, 24594-24603.	2.7	16
6	Experimental approaches for identifying the impact of enhanced flotation technology using hollow microspheres. Journal of Environmental Management, 2020, 253, 109690.	3.8	12
7	Formation characteristics of carbonaceous and nitrogenous disinfection by-products depending on residual organic compounds by CGS and DAF. Environmental Science and Pollution Research, 2019, 26, 34008-34017.	2.7	14
8	Effect of DAF configuration on the removal of phosphorus and organic matter by a pilot plant treating combined sewer overflows. International Biodeterioration and Biodegradation, 2017, 124, 17-25.	1.9	6
9	Adsorptive removal of arsenate using inorganic magnetite particles. Desalination and Water Treatment, 2016, 57, 29448-29456.	1.0	2
10	Arsenate removal using a hybrid system of adsorbents and a microfiltration membrane. Desalination and Water Treatment, 2016, 57, 29439-29447.	1.0	1
11	Development of a hybrid system for advanced wastewater treatment using high-rate settling and a flotation system with ballasted media. International Biodeterioration and Biodegradation, 2016, 113, 256-261.	1.9	5
12	Membrane hybrid system combined with a trickling filter and a thin layer of biosand to reduce high levels of organic matter in drinking water in developing countries. Chemical Engineering Research and Design, 2016, 104, 541-548.	2.7	3
13	Development of a hybrid treatment system for combined sewer overflows using a hydrocyclone and a dissolved air flotation system. Desalination and Water Treatment, 2016, 57, 7650-7658.	1.0	3
14	Sustainable technology of trickling biosand filter (TBSF) combined with rock media to reduce organic matters for drinking water. Desalination and Water Treatment, 2016, 57, 7733-7741.	1.0	6
15	Feasibility study of high-rate dissolved air flotation process for rapid wastewater treatment. Journal of Water Supply: Research and Technology - AQUA, 2015, 64, 927-936.	0.6	6
16	Reduction of organic matter in drinking water using a hybrid system combined with a rock biofilter and membrane in developing countries. International Biodeterioration and Biodegradation, 2015, 102, 223-230.	1.9	8
17	Characteristics of DBPs reduction of AOM by dissolved air flotation. Desalination and Water Treatment, 2015, 54, 1436-1444.	1.0	6
18	Effects of rainfall characteristics on corrosion indices in Korean river basins. Desalination and Water Treatment, 2015, 54, 1233-1241.	1.0	8

#	Article	IF	Citations
19	LSI characteristics based on seasonal changes at water treatment plant of Korea. Desalination and Water Treatment, 2015, 55, 272-277.	1.0	3
20	Modeling and experiment for removal of algae and nutrient using a DAF system installed on a ferryboat. Desalination and Water Treatment, 2015, 55, 325-330.	1.0	4
21	Characterizing stormwater treatment efficiency at the laboratory scale for effective rain garden design. Desalination and Water Treatment, 2015, 54, 1334-1343.	1.0	3
22	Arsenic removal using novel combined Fe/Mn adsorbent modified with silica. Water Science and Technology: Water Supply, 2013, 13, 1109-1115.	1.0	2
23	Characteristics of water quality and extracellular polymeric substances in trickling filter system using plastic fiber media. Desalination and Water Treatment, 2009, 2, 128-132.	1.0	1