Tae-Hun Kim

List of Publications by Year
in descending order

22	597	759233 12	677142 22
papers	citations	h-index	g-index

22	22	22	815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of NOx using electron beam process with NaOH spraying. Nuclear Engineering and Technology, 2022, 54, 486-492.	2.3	3
2	Reaction kinetics and degradation efficiency of halogenated methylparabens during ozonation and UV/H2O2 treatment of drinking water and wastewater effluent. Journal of Hazardous Materials, 2022, 427, 127878.	12.4	10
3	A study on additives to improve electron beam technology for NOx and SO2 reduction. Radiation Physics and Chemistry, 2021, 183, 109397.	2.8	4
4	A preliminary study on effect of additive in the removal of NOx and SO2 by electron beam irradiation. Chemical Engineering Journal, 2020, 387, 124083.	12.7	13
5	Decomposition of perfluorooctane sulfonate (PFOS) using a hybrid process with electron beam and chemical oxidants. Chemical Engineering Journal, 2019, 361, 1363-1370.	12.7	74
6	Profiling the decomposition products of perfluorooctane sulfonate (PFOS) irradiated using an electron beam. Science of the Total Environment, 2018, 631-632, 1295-1303.	8.0	45
7	Treatment of toluene and its by-products using an electron beam/ultra-fine bubble hybrid system. Radiation Physics and Chemistry, 2018, 144, 367-372.	2.8	7
8	Characteristics of aerosol by-products generated from sulfur hexafluoride treatment using ionizing energy. Journal of Cleaner Production, 2017, 159, 281-289.	9.3	3
9	Pyrosequencing-based assessment of microbial community shifts in leachate from animal carcass burial lysimeter. Science of the Total Environment, 2017, 587-588, 232-239.	8.0	7
10	Degradation of sulfamethoxazole by ionizing radiation: Identification and characterization of radiolytic products. Chemical Engineering Journal, 2017, 313, 556-566.	12.7	93
11	Bioaccumulation and biotransformation of the beta-blocker propranolol in multigenerational exposure to Daphnia magna. Environmental Pollution, 2016, 216, 811-818.	7.5	21
12	Treatment of Hydrogen Fluoride Generated from the F-gases Decomposition Processes. Asian Journal of Atmospheric Environment, 2016, 10, 190-196.	1.1	4
13	A comparative study of disinfection efficiency and regrowth control of microorganism in secondary wastewater effluent using UV, ozone, and ionizing irradiation process. Journal of Hazardous Materials, 2015, 295, 201-208.	12.4	94
14	Photolytic degradation of sulfamethoxazole and trimethoprim using UV-A, UV-C and vacuum-UV (VUV). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 292-300.	1.7	22
15	Enhanced Biodegradability of Pharmaceuticals and Personal Care Products by Ionizing Radiation. Water Environment Research, 2015, 87, 321-325.	2.7	22
16	Bacteriophage removal in various clay minerals and clay-amended soils. Environmental Engineering Research, 2015, 20, 133-140.	2.5	14
17	Transport and removal of bacteriophages MS2 and PhiX174 in steel slag-amended soils: column experiments and transport model analyses. Environmental Technology (United Kingdom), 2014, 35, 1199-1207.	2.2	6
18	Use of converter furnace steel slag for bacteria removal in flow-through columns. Desalination and Water Treatment, 2013, 51, 7681-7689.	1.0	1

#	Article	IF	Citations
19	Reduction of toxicity of antimicrobial compounds by degradation processes using activated sludge, gamma radiation, and UV. Chemosphere, 2013, 93, 2480-2487.	8.2	21
20	Degradation and toxicity assessment of sulfamethoxazole and chlortetracycline using electron beam, ozone and UV. Journal of Hazardous Materials, 2012, 227-228, 237-242.	12.4	109
21	Deterioration of denitrification by oxygen and cost evaluation of electron donor in an uncovered pre-denitrification process. Korean Journal of Chemical Engineering, 2012, 29, 1196-1202.	2.7	5
22	Oxidation of methylated arsenic species by UV/S2O82â˜. Chemical Engineering Journal, 2011, 173, 290-295.	12.7	19