Yong-Gu Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3122897/publications.pdf

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19	443	758635 12	794141 19
papers	citations	h-index	g-index

19	19	19	355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Competitive adsorption of pharmaceuticals in lake water and wastewater effluent by pristine and NaOH-activated biochars from spent coffee wastes: Contribution of hydrophobic and Ï€-Ï€ interactions. Environmental Pollution, 2021, 270, 116244.	3.7	84
2	Single and competitive adsorptions of micropollutants using pristine and alkali-modified biochars from spent coffee grounds. Journal of Hazardous Materials, 2020, 400, 123102.	6.5	71
3	Adsorption of radioactive strontium by pristine and magnetic biochars derived from spent coffee grounds. Journal of Environmental Chemical Engineering, 2021, 9, 105119.	3.3	48
4	Improving the performance of machine learning models for early warning of harmful algal blooms using an adaptive synthetic sampling method. Water Research, 2021, 207, 117821.	5.3	41
5	Changes in adsorption mechanisms of radioactive barium, cobalt, and strontium ions using spent coffee waste biochars via alkaline chemical activation: Enrichment effects of O-containing functional groups. Environmental Research, 2021, 199, 111346.	3.7	24
6	Effects of physicochemical properties of biochar derived from spent coffee grounds and commercial activated carbon on adsorption behavior and mechanisms of strontium ions (Sr2+). Environmental Science and Pollution Research, 2021, 28, 40623-40632.	2.7	23
7	Fouling behavior of marine organic matter in reverse osmosis membranes of a real-scale seawater desalination plant in South Korea. Desalination, 2020, 485, 114305.	4.0	21
8	Effects of NaOH Activation on Adsorptive Removal of Herbicides by Biochars Prepared from Ground Coffee Residues. Energies, 2021, 14, 1297.	1.6	17
9	Enhanced Adsorptive Removal of Dyes Using Mandarin Peel Biochars via Chemical Activation with NH4Cl and ZnCl2. Water (Switzerland), 2021, 13, 1495.	1.2	17
10	Enhanced mechanical deep dewatering of dewatered sludge by a thermal hydrolysis pre-treatment: Effects of temperature and retention time. Environmental Research, 2020, 188, 109746.	3.7	16
11	Antiviral Nanomaterials for Designing Mixed Matrix Membranes. Membranes, 2021, 11, 458.	1.4	16
12	Enhanced Degradation of Pharmaceutical Compounds by a Microbubble Ozonation Process: Effects of Temperature, pH, and Humic Acids. Energies, 2019, 12, 4373.	1.6	14
13	Real-time biomonitoring of oxygen uptake rate and biochemical oxygen demand using a novel optical biogas respirometric system. Journal of Environmental Management, 2021, 277, 111467.	3.8	12
14	Adsorption Characteristics of Phosphate Ions by Pristine, CaCl2 and FeCl3-Activated Biochars Originated from Tangerine Peels. Separations, 2021, 8, 32.	1.1	10
15	Enhanced Adsorption Capacities of Fungicides Using Peanut Shell Biochar via Successive Chemical Modification with KMnO4 and KOH. Separations, 2021, 8, 52.	1.1	10
16	Improved toxicity analysis of heavy metal-contaminated water via a novel fermentative bacteria-based test kit. Chemosphere, 2020, 258, 127412.	4.2	9
17	Effects of two-step cleaning sequences on foulant extraction from multibore ultrafiltration membranes in a pilot-scale membrane filtration system for surface water treatment. Chemosphere, 2022, 297, 134164.	4.2	7
18	Selective Immobilization of Antimony Using Brucite-rich Precipitate Produced during In Situ Hypochlorous Acid Formation through Seawater Electrolysis in a Nuclear Power Plant. Energies, 2020, 13, 4493.	1.6	2

#	Article	IF	Citations
19	Effect of the working and counter/quasi-reference electrode relative area ratio of silver sensor electrodes on voltammetric detection of Pb(II). Journal of Industrial and Engineering Chemistry, 2020, 81, 67-70.	2.9	1