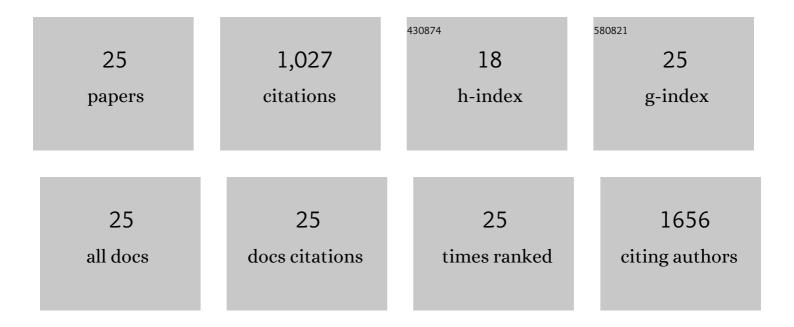
Jae-Woo Choi

List of Publications by Year in descending order

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INF-WOO CHOI

#	Article	IF	CITATIONS
1	Soil microbial communities-mediated bioattenuation in simulated aquifer storage and recovery (ASR) condition: Long-term study. Environmental Research, 2021, 197, 111069.	7.5	18
2	Assimilable organic carbon removal strategy for aquifer storage and recovery applications. Environmental Research, 2020, 191, 110033.	7.5	8
3	Most suitable amino silane molecules for surface functionalization of graphene oxide toward hexavalent chromium adsorption. Chemosphere, 2020, 251, 126387.	8.2	38
4	Synthesis of magnetic porous carbon composite derived from metal-organic framework using recovered terephthalic acid from polyethylene terephthalate (PET) waste bottles as organic ligand and its potential as adsorbent for antibiotic tetracycline hydrochloride. Composites Part B: Engineering, 2020, 187, 107867.	12.0	27
5	Investigating Microcystin-LR adsorption mechanisms on mesoporous carbon, mesoporous silica, and their amino-functionalized form: Surface chemistry, pore structures, and molecular characteristics. Chemosphere, 2020, 247, 125811.	8.2	29
6	Ultrasound-assisted heterogeneous Fenton-like process for bisphenol A removal at neutral pH using hierarchically structured manganese dioxide/biochar nanocomposites as catalysts. Ultrasonics Sonochemistry, 2019, 57, 22-28.	8.2	60
7	Ex situ soil washing of highly contaminated silt loam soil using core-crosslinked amphiphilic polymer nanoparticles. Chemosphere, 2019, 224, 212-219.	8.2	14
8	Statistical optimization of preparing marine macroalgae derived activated carbon/iron oxide magnetic composites for sequestering acetylsalicylic acid from aqueous media using response surface methodologys. Chemosphere, 2019, 215, 432-443.	8.2	29
9	Organic/inorganic hybrid adsorbent for efficient phosphate removal from a reservoir affected by algae bloom. Journal of Industrial and Engineering Chemistry, 2019, 69, 211-216.	5.8	17
10	Phosphorous recovery from sewage sludge using calcium silicate hydrates. Chemosphere, 2018, 193, 1087-1093.	8.2	77
11	Blend-electrospun graphene oxide/Poly(vinylidene fluoride) nanofibrous membranes with high flux, tetracycline removal and anti-fouling properties. Chemosphere, 2018, 207, 347-356.	8.2	32
12	Strong chromate-adsorbent based on pyrrolic nitrogen structure: An experimental and theoretical study on the adsorption mechanism. Water Research, 2018, 145, 287-296.	11.3	39
13	Adsorptive removal of anionic azo dye from aqueous solution using activated carbon derived from extracted coffee residues. Journal of Cleaner Production, 2017, 166, 360-368.	9.3	41
14	Removal of copper, nickel and chromium mixtures from metal plating wastewater by adsorption with modified carbon foam. Chemosphere, 2017, 166, 203-211.	8.2	152
15	Adsorption of phosphate from aqueous solution using electrochemically modified biochar calcium-alginate beads: Batch and fixed-bed column performance. Bioresource Technology, 2017, 244, 23-32.	9.6	120
16	Use of hybrid composite particles prepared using alkoxysilane-functionalized amphiphilic polymer precursors for simultaneous removal of various pollutants from water. Chemosphere, 2016, 156, 302-311.	8.2	26
17	Chromate adsorption mechanism on nanodiamond-derived onion-like carbon. Journal of Hazardous Materials, 2016, 320, 368-375.	12.4	25
18	Application of carbon foam for heavy metal removal from industrial plating wastewater and toxicity evaluation of the adsorbent. Chemosphere, 2016, 153, 1-9.	8.2	57

JAE-WOO CHOI

#	Article	IF	CITATIONS
19	Effect of nitrogen doping on titanium carbonitride-derived adsorbents used for arsenic removal. Journal of Hazardous Materials, 2016, 302, 375-385.	12.4	24
20	Determining the selectivity of divalent metal cations for the carboxyl group of alginate hydrogel beads during competitive sorption. Journal of Hazardous Materials, 2015, 298, 11-18.	12.4	65
21	Preparation and characterization of an organic/inorganic hybrid sorbent (PLE) to enhance selectivity for As(V). Journal of Hazardous Materials, 2015, 289, 54-62.	12.4	13
22	Lead and copper removal from aqueous solutions using carbon foam derived from phenol resin. Chemosphere, 2015, 130, 59-65.	8.2	69
23	Surface Modified Mesostructured Iron Oxyhydroxide: Synthesis, Ecotoxicity, and Application. Water Environment Research, 2014, 86, 2338-2346.	2.7	5
24	Effective Phosphate Removal from Synthesized Wastewater Using Copper–Chitosan Bead: Batch and Fixed-Bed Column Studies. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	18
25	Comparison of Surface-Modified Adsorbents for Phosphate Removal in Water. Water, Air, and Soil Pollution, 2012, 223, 2881-2890.	2.4	24