

Hongjuan Bai

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

348
citations

1039406

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h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of modified sawdust, kinetic and equilibrium study about methylene blue adsorption in batch mode. Korean Journal of Chemical Engineering, 2013, 30, 111-122.	1.2	76
2	Characterization and properties of zeolite as adsorbent for removal of uranium(VI) from solution in fixed bed column. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 779-788.	0.7	57
3	Bacteria cell properties and grain size impact on bacteria transport and deposition in porous media. Colloids and Surfaces B: Biointerfaces, 2016, 139, 148-155.	2.5	54
4	DLVO, hydrophobic, capillary and hydrodynamic forces acting on bacteria at solid-air-water interfaces: Their relative impact on bacteria deposition mechanisms in unsaturated porous media. Colloids and Surfaces B: Biointerfaces, 2017, 150, 41-49.	2.5	33
5	Competitive Adsorption of Neutral Red and Cu ²⁺ onto Pyrolytic Char: Isotherm and Kinetic Study. Journal of Chemical & Engineering Data, 2012, 57, 2792-2801.	1.0	28
6	Comparison of transport between two bacteria in saturated porous media with distinct pore size distribution. RSC Advances, 2016, 6, 14602-14614.	1.7	25
7	Single and binary adsorption of dyes from aqueous solutions using functionalized microcrystalline cellulose from cotton fiber. Korean Journal of Chemical Engineering, 2020, 37, 1926-1932.	1.2	23
8	Investigations on the batch performance of cationic dyes adsorption by citric acid modified peanut husk. Desalination and Water Treatment, 2012, 49, 41-56.	1.0	15
9	Simultaneous Removal of Organic Dyes from Aqueous Solutions by Renewable Alginate Hybridized with Graphene Oxide. Journal of Chemical & Engineering Data, 2020, 65, 4443-4451.	1.0	14
10	Use of Oxalic Acid-Modified Rice Husk for the Adsorption of Neutral Red from Aqueous Solutions. Adsorption Science and Technology, 2010, 28, 641-656.	1.5	8
11	Bacteria transport and deposition in an unsaturated aggregated porous medium with dual porosity. Environmental Science and Pollution Research, 2021, 28, 18963-18976.	2.7	7
12	Biocolloid transport and deposition in porous media: A review. Korean Journal of Chemical Engineering, 2022, 39, 38-57.	1.2	5
13	A Novel Pinus Tabulaeformis Based Adsorbent for the Removal of Malachite Green. Separation Science and Technology, 2013, 48, 2804-2816.	1.3	1
14	Transport and retention of bacteria through a filtration system consisting of sands and geotextiles. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112114.	2.5	1
15	Renewable magnetic alginate-graphene oxide hybrid for efficient cationic dye removal. Korean Journal of Chemical Engineering, 0, , .	1.2	1