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List of Publications by Year
in descending order

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37 papers	754 citations	567281 15 h-index	526287 27 g-index
37 all docs	37 docs citations	37 times ranked	976 citing authors

#	Article	IF	Citations
1	Isolating and modifying cellulose from waste papers as flocculant for treating drinking water. Journal of Wood Chemistry and Technology, 2022, 42, 69-82.	1.7	1
2	Cetyltrimethylammonium bromide functionalized silica nanoparticles (MSN) synthesis using a combined sol-gel and adsorption steps with enhanced adsorption performance of oxytetracycline in aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2020, 112, 67-77.	5.3	15
3	Synthesis and characterization of CTAB-silica nanocapsules and its adsorption behavior towards Pd(II) ions in aqueous solution. Advanced Powder Technology, 2020, 31, 3205-3214.	4.1	18
4	Application of Nanoscale Zeroâ€Valent Ironâ€Loaded Natural Zeolite for Tetracycline Removal Process. Chemical Engineering and Technology, 2020, 43, 1285-1296.	1.5	14
5	A simultaneous removal of ammonium and turbidity via an adsorptive coagulation for drinking water treatment process. Environmental Science and Pollution Research, 2020, 27, 20173-20186.	5.3	6
6	Enhanced adsorption capacity and selectivity toward inorganic and organic mercury ions from aqueous solution by dyeâ€affinity adsorbents. Environmental Progress and Sustainable Energy, 2019, 38, S54.	2.3	5
7	Preparation of Quaternized Lignin Derived from Oil Palm Empty Fruit Bunches and its Flocculation Properties. Journal of Wood Chemistry and Technology, 2019, 39, 399-420.	1.7	7
8	A comparative study on dynamic Hg(II) and MeHg(II) removal by functionalized agrowaste adsorbent: breakthrough analysis and adsorber design. Korean Journal of Chemical Engineering, 2019, 36, 1069-1081.	2.7	7
9	Flocculation kinetics and dewatering studies of quaternized cellulose derived from oil palm empty fruit bunches. Korean Journal of Chemical Engineering, 2019, 36, 669-677.	2.7	5
10	An evaluation of lignocellulosic solutions from OPEFB pulping process as demulsifiers for crude oil emulsion demulsification. Petroleum Science and Technology, 2019, 37, 1675-1682.	1.5	9
11	Sodium dodecyl sulfate-coated-cationized agroforestry residue as adsorbent for benzene-adsorptive sequestration from aqueous solution. Environmental Science and Pollution Research, 2019, 26, 11140-11152.	5.3	2
12	Cetyltrimethylammonium bromideâ€coated agrosorbents and their high benzene adsorption performance from aqueous solution. Environmental Progress and Sustainable Energy, 2018, 37, 305-317.	2.3	5
13	Optimization of coag-flocculation processes of a newly synthesized quaternized oil palm empty fruit bunch cellulose by response surface methodology toward drinking water treatment process application. Clean Technologies and Environmental Policy, 2017, 19, 191-204.	4.1	16
14	An ionic liquid treatment and fractionation of cellulose, hemicellulose and lignin from oil palm empty fruit bunch. Carbohydrate Polymers, 2017, 166, 291-299.	10.2	99
15	Adsorption affinity and selectivity of 3-ureidopropyltriethoxysilane grafted oil palm empty fruit bunches towards mercury ions. Environmental Science and Pollution Research, 2017, 24, 15167-15181.	5.3	11
16	High removal efficacy of Hg(II) and MeHg(II) ions from aqueous solution by organoalkoxysilane-grafted lignocellulosic waste biomass. Chemosphere, 2017, 171, 19-30.	8.2	38
17	Removal Performance of Tetracycline and Oxytetracycline From Aqueous Solution Via Natural Zeolites: An Equilibrium and Kinetic Study. Clean - Soil, Air, Water, 2017, 45, 1600260.	1.1	27
18	Synthesis and characterization of sulfur-functionalized silica nanocapsules as mercury adsorbents. AIP Conference Proceedings, 2017, , .	0.4	1

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19	Development of coconut pith chars towards high elemental mercury adsorption performance â€“ Effect of pyrolysis temperatures. Chemosphere, 2016, 156, 56-68.	8.2	46
20	High removal efficiency of Hg(II) and MeHg(II) from aqueous solution by coconut pithâ€”Equilibrium, kinetic and mechanism analyses. Journal of Environmental Chemical Engineering, 2016, 4, 2487-2499.	6.7	21
21	Synthesis and characterization of immobilized white-rot fungus Trametes versicolor in solâ€“gel ceramics. Journal of Sol-Gel Science and Technology, 2016, 77, 28-38.	2.4	4
22	Adsorption enhancement of elemental mercury by various surface modified coconut husk as eco-friendly low-cost adsorbents. International Biodeterioration and Biodegradation, 2016, 109, 45-52.	3.9	86
23	Surface modifications of agrowaste biomass for Hg(II) and MeHg(II) removal from aqueous solution, oilfield produced water and natural gas condensate. Environmental Earth Sciences, 2016, 75, 1.	2.7	5
24	High removal performance of dissolved oil from aqueous solution by sorption using fatty acid esterified pineapple leaves as novel sorbents. RSC Advances, 2016, 6, 13710-13722.	3.6	17
25	Surfactant modification of banana trunk as low-cost adsorbents and their high benzene adsorptive removal performance from aqueous solution. RSC Advances, 2016, 6, 24738-24751.	3.6	15
26	Biosorption of mercury from aqueous solution and oilfield produced water by pristine and sulfur functionalized rice residues. Environmental Progress and Sustainable Energy, 2015, 34, 1298-1310.	2.3	14
27	Silver Adsorption Enhancement from Aqueous and Photographic Waste Solutions by Mercerized Coconut Fiber. Separation Science and Technology, 2015, 50, 937-946.	2.5	15
28	Silver Ion Adsorption using Alkali and Organosilane Modified Coconut Pith Biosorbents. Journal of Natural Fibers, 2015, 12, 283-302.	3.1	6
29	Removal performance of elemental mercury by low-cost adsorbents prepared through facile methods of carbonisation and activation of coconut husk. Waste Management and Research, 2015, 33, 81-88.	3.9	18
30	Adsorptive efficacy analysis of lignocellulosic waste carbonaceous adsorbents toward different mercury species. Chemical Engineering Research and Design, 2015, 96, 33-42.	5.6	23
31	Removal of elemental mercury from gas stream using sulfur-functionalized silica microspheres (S-SMs). Clean Technologies and Environmental Policy, 2015, 17, 39-47.	4.1	10
32	Surface chemistry modifications of rice husk toward enhancement of Hg(II) adsorption from aqueous solution. Clean Technologies and Environmental Policy, 2014, 16, 1747-1755.	4.1	32
33	Synthesis and Characterization of Novel Sulfur-Functionalized Silica Gels as Mercury Adsorbents. Journal of Materials Engineering and Performance, 2014, 23, 809-818.	2.5	15
34	A comparative evaluation of mercury(II) adsorption equilibrium and kinetics onto silica gel and sulfurâ€functionalised silica gels adsorbents. Canadian Journal of Chemical Engineering, 2014, 92, 1048-1058.	1.7	18
35	Removal of Hg(II) and CH₃Hg(I) Using Rasped Pith Sago Residue Biosorbent. Clean - Soil, Air, Water, 2014, 42, 1541-1548.	1.1	19
36	Removal of Hg(II) from Aqueous Solution by Adsorption Using Raw and Chemically Modified Rice Straw As Novel Adsorbents. Industrial & Engineering Chemistry Research, 2013, 52, 13092-13101.	3.7	67

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37	Utilization of Coconut Milk Processing Waste as a Low-Cost Mercury Sorbent. Industrial & Engineering Chemistry Research, 2013, 52, 15648-15657.	3.7	37