

# Helen Kong

## List of Publications by Year in descending order

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20  
papers

422  
citations

759055

12  
h-index

752573

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g-index

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20  
docs citations

20  
times ranked

605  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption enhancement of elemental mercury by various surface modified coconut husk as eco-friendly low-cost adsorbents. <i>International Biodeterioration and Biodegradation</i> , 2016, 109, 45-52.	1.9	86
2	Development of coconut pith chars towards high elemental mercury adsorption performance – Effect of pyrolysis temperatures. <i>Chemosphere</i> , 2016, 156, 56-68.	4.2	46
3	High removal efficacy of Hg(II) and MeHg(II) ions from aqueous solution by organoalkoxysilane-grafted lignocellulosic waste biomass. <i>Chemosphere</i> , 2017, 171, 19-30.	4.2	38
4	Process analysis of mercury adsorption onto chemically modified rice straw in a fixed-bed adsorber. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1685-1697.	3.3	28
5	Separation of dissolved oil from aqueous solution by sorption onto acetylated lignocellulosic biomass – equilibrium, kinetics and mechanism studies. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 864-881.	3.3	27
6	Removal Performance of Tetracycline and Oxytetracycline From Aqueous Solution Via Natural Zeolites: An Equilibrium and Kinetic Study. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600260.	0.7	27
7	Selective biosorption of aurum(III) from aqueous solution using oil palm trunk (OPT) biosorbents: Equilibrium, kinetic and mechanism analyses. <i>Biochemical Engineering Journal</i> , 2018, 136, 78-87.	1.8	26
8	Supercritical Carbon Dioxide Extraction of Sinensetin, Isosinensetin, and Rosmarinic Acid from <i>Orthosiphon stamineus</i> Leaves: Optimization and Modeling. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7467-7476.	1.7	24
9	High removal efficiency of Hg(II) and MeHg(II) from aqueous solution by coconut pith – Equilibrium, kinetic and mechanism analyses. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2487-2499.	3.3	21
10	High removal performance of dissolved oil from aqueous solution by sorption using fatty acid esterified pineapple leaves as novel sorbents. <i>RSC Advances</i> , 2016, 6, 13710-13722.	1.7	17
11	Surfactant modification of banana trunk as low-cost adsorbents and their high benzene adsorptive removal performance from aqueous solution. <i>RSC Advances</i> , 2016, 6, 24738-24751.	1.7	15
12	Application of Nanoscale Zero-Valent Iron-Loaded Natural Zeolite for Tetracycline Removal Process. <i>Chemical Engineering and Technology</i> , 2020, 43, 1285-1296.	0.9	14
13	Enhanced elemental mercury removal by facile sulfurization of agrowaste chars. <i>Chemical Engineering Research and Design</i> , 2019, 144, 198-208.	2.7	12
14	Adsorption affinity and selectivity of 3-ureidopropyltriethoxysilane grafted oil palm empty fruit bunches towards mercury ions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15167-15181.	2.7	11
15	Removal of Elemental Mercury by Coconut Pith Char Adsorbents. <i>Procedia Engineering</i> , 2016, 148, 1357-1362.	1.2	8
16	A comparative study on dynamic Hg(II) and MeHg(II) removal by functionalized agrowaste adsorbent: breakthrough analysis and adsorber design. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1069-1081.	1.2	7
17	Cetyltrimethylammonium bromide-coated agrosorbents and their high benzene adsorption performance from aqueous solution. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 305-317.	1.3	5
18	Enhanced adsorption capacity and selectivity toward inorganic and organic mercury ions from aqueous solution by dye-affinity adsorbents. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S54.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Adsorption behavior of Ag(I) onto elemental sulfur-encapsulated silica nanocapsules for industrial applications. Korean Journal of Chemical Engineering, 2020, 37, 652-662.	1.2	3
20	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.	2.7	2