Alex C K Yip

List of Publications by Year
in descending order

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22 papers	1,246 citations	430874 18 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1645 citing authors

#	Article	IF	Citations
1	Size-activity threshold of titanium dioxide-supported Cu cluster in CO oxidation. Environmental Pollution, 2021, 279, 116899.	7.5	12
2	Synthesis of mesoporous MFI zeolite via bacterial cellulose-derived carbon templating for fast adsorption of formaldehyde. Journal of Hazardous Materials, 2020, 384, 121161.	12.4	33
3	Influence of green solvent on levulinic acid production from lignocellulosic paper waste. Bioresource Technology, 2020, 298, 122544.	9.6	66
4	Recent advances in zeolite-encapsulated metal catalysts: A suitable catalyst design for catalytic biomass conversion. Bioresource Technology, 2020, 297, 122488.	9.6	42
5	Tailoring acidity and porosity of alumina catalysts via transition metal doping for glucose conversion in biorefinery. Science of the Total Environment, 2020, 704, 135414.	8.0	13
6	Exfoliated Ni-Al LDH 2D nanosheets for intermediate temperature CO2 capture. Journal of Hazardous Materials, 2019, 374, 365-371.	12.4	55
7	Advances in the Green Synthesis of Microporous and Hierarchical Zeolites: A Short Review. Catalysts, 2019, 9, 274.	3.5	44
8	The unique features of non-competitive vs. competitive sorption: Tests against single volatile aromatic hydrocarbons and their quaternary mixtures. Environmental Research, 2019, 173, 508-516.	7.5	17
9	Cobalt-impregnated biochar produced from CO2-mediated pyrolysis of Co/lignin as an enhanced catalyst for activating peroxymonosulfate to degrade acetaminophen. Chemosphere, 2019, 226, 924-933.	8.2	50
10	Tin-Functionalized Wood Biochar as a Sustainable Solid Catalyst for Glucose Isomerization in Biorefinery. ACS Sustainable Chemistry and Engineering, 2019, 7, 4851-4860.	6.7	59
11	Degradation of antibiotics by modified vacuum-UV based processes: Mechanistic consequences of H2O2 and K2S2O8 in the presence of halide ions. Science of the Total Environment, 2019, 664, 312-321.	8.0	92
12	Propylene carbonate and Î³-valerolactone as green solvents enhance Sn(<scp>iv</scp>)-catalysed hydroxymethylfurfural (HMF) production from bread waste. Green Chemistry, 2018, 20, 2064-2074.	9.0	85
13	Contrasting Roles of Maleic Acid in Controlling Kinetics and Selectivity of Sn(IV)- and Cr(III)-Catalyzed Hydroxymethylfurfural Synthesis. ACS Sustainable Chemistry and Engineering, 2018, 6, 14264-14274.	6.7	28
14	Photo-Fenton abatement of aqueous organics using metal-organic frameworks: An advancement from benchmark zeolite. Science of the Total Environment, 2018, 644, 389-397.	8.0	17
15	Environmental impacts of nanomaterials. Journal of Environmental Management, 2018, 225, 261-271.	7.8	155
16	Risk mitigation by waste-based permeable reactive barriers for groundwater pollution control at e-waste recycling sites. Environmental Geochemistry and Health, 2017, 39, 75-88.	3.4	24
17	Catalytic valorization of starch-rich food waste into hydroxymethylfurfural (HMF): Controlling relative kinetics for high productivity. Bioresource Technology, 2017, 237, 222-230.	9.6	121
18	Valorization of starchy, cellulosic, and sugary food waste into hydroxymethylfurfural by one-pot catalysis. Chemosphere, 2017, 184, 1099-1107.	8.2	58

#	Article	IF	Citations
19	Valorization of food waste into hydroxymethylfurfural: Dual role of metal ions in successive conversion steps. Bioresource Technology, 2016, 219, 338-347.	9.6	98
20	Comparing chemical-enhanced washing and waste-based stabilisation approach for soil remediation. Journal of Soils and Sediments, 2014, 14, 936-947.	3.0	46
21	Arsenic and copper stabilisation in a contaminated soil by coal fly ash and green waste compost. Environmental Science and Pollution Research, 2014, 21, 10194-10204.	5.3	63
22	Soil stabilisation using AMD sludge, compost and lignite: TCLP leachability and continuous acid leaching. Chemosphere, 2013, 93, 2839-2847.	8.2	68