

# Alex C K Yip

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11520246/publications.pdf>

Version: 2024-02-01

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	Environmental impacts of nanomaterials. <i>Journal of Environmental Management</i> , 2018, 225, 261-271.	7.8	155
2	Catalytic valorization of starch-rich food waste into hydroxymethylfurfural (HMF): Controlling relative kinetics for high productivity. <i>Bioresource Technology</i> , 2017, 237, 222-230.	9.6	121
3	Valorization of food waste into hydroxymethylfurfural: Dual role of metal ions in successive conversion steps. <i>Bioresource Technology</i> , 2016, 219, 338-347.	9.6	98
4	Degradation of antibiotics by modified vacuum-UV based processes: Mechanistic consequences of H <sub>2</sub> O <sub>2</sub> and K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> in the presence of halide ions. <i>Science of the Total Environment</i> , 2019, 664, 312-321.	8.0	92
5	Propylene carbonate and $\gamma$ -valerolactone as green solvents enhance Sn(IV)-catalysed hydroxymethylfurfural (HMF) production from bread waste. <i>Green Chemistry</i> , 2018, 20, 2064-2074.	9.0	85
6	Soil stabilisation using AMD sludge, compost and lignite: TCLP leachability and continuous acid leaching. <i>Chemosphere</i> , 2013, 93, 2839-2847.	8.2	68
7	Influence of green solvent on levulinic acid production from lignocellulosic paper waste. <i>Bioresource Technology</i> , 2020, 298, 122544.	9.6	66
8	Arsenic and copper stabilisation in a contaminated soil by coal fly ash and green waste compost. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10194-10204.	5.3	63
9	Tin-Functionalized Wood Biochar as a Sustainable Solid Catalyst for Glucose Isomerization in Biorefinery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4851-4860.	6.7	59
10	Valorization of starchy, cellulosic, and sugary food waste into hydroxymethylfurfural by one-pot catalysis. <i>Chemosphere</i> , 2017, 184, 1099-1107.	8.2	58
11	Exfoliated Ni-Al LDH 2D nanosheets for intermediate temperature CO <sub>2</sub> capture. <i>Journal of Hazardous Materials</i> , 2019, 374, 365-371.	12.4	55
12	Cobalt-impregnated biochar produced from CO <sub>2</sub> -mediated pyrolysis of Co/lignin as an enhanced catalyst for activating peroxymonosulfate to degrade acetaminophen. <i>Chemosphere</i> , 2019, 226, 924-933.	8.2	50
13	Comparing chemical-enhanced washing and waste-based stabilisation approach for soil remediation. <i>Journal of Soils and Sediments</i> , 2014, 14, 936-947.	3.0	46
14	Advances in the Green Synthesis of Microporous and Hierarchical Zeolites: A Short Review. <i>Catalysts</i> , 2019, 9, 274.	3.5	44
15	Recent advances in zeolite-encapsulated metal catalysts: A suitable catalyst design for catalytic biomass conversion. <i>Bioresource Technology</i> , 2020, 297, 122488.	9.6	42
16	Synthesis of mesoporous MFI zeolite via bacterial cellulose-derived carbon templating for fast adsorption of formaldehyde. <i>Journal of Hazardous Materials</i> , 2020, 384, 121161.	12.4	33
17	Contrasting Roles of Maleic Acid in Controlling Kinetics and Selectivity of Sn(IV)- and Cr(III)-Catalyzed Hydroxymethylfurfural Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14264-14274.	6.7	28
18	Risk mitigation by waste-based permeable reactive barriers for groundwater pollution control at e-waste recycling sites. <i>Environmental Geochemistry and Health</i> , 2017, 39, 75-88.	3.4	24

#	ARTICLE	IF	CITATIONS
19	Photo-Fenton abatement of aqueous organics using metal-organic frameworks: An advancement from benchmark zeolite. <i>Science of the Total Environment</i> , 2018, 644, 389-397.	8.0	17
20	The unique features of non-competitive vs. competitive sorption: Tests against single volatile aromatic hydrocarbons and their quaternary mixtures. <i>Environmental Research</i> , 2019, 173, 508-516.	7.5	17
21	Tailoring acidity and porosity of alumina catalysts via transition metal doping for glucose conversion in biorefinery. <i>Science of the Total Environment</i> , 2020, 704, 135414.	8.0	13
22	Size-activity threshold of titanium dioxide-supported Cu cluster in CO oxidation. <i>Environmental Pollution</i> , 2021, 279, 116899.	7.5	12