

Ka Leung Lam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

554
citations

15
h-index

23
g-index

30
ext. papers

689
ext. citations

7.4
avg, IF

4.45
L-index

#	Paper	IF	Citations
27	Life cycle assessment of solar photocatalytic wastewater treatment 2022 , 135-158		
26	A review of the water-related energy consumption of the food system in nexus studies. <i>Journal of Cleaner Production</i> , 2021 , 279, 123414	10.3	10
25	Site-scale Urban Water Mass Balance Assessment (SUWMBA) to quantify water performance of urban design-technology-environment configurations. <i>Water Research</i> , 2021 , 188, 116477	12.5	5
24	A multi-regional input-output analysis of direct and virtual urban water flows to reduce city water footprints in Australia. <i>Sustainable Cities and Society</i> , 2021 , 75, 103236	10.1	4
23	Life cycle assessment of nutrient recycling from wastewater: A critical review. <i>Water Research</i> , 2020 , 173, 115519	12.5	44
22	Low-Carbon Urban Water Systems: Opportunities beyond Water and Wastewater Utilities?. <i>Environmental Science & Technology</i> , 2020 , 54, 14854-14861	10.3	7
21	Integrated Urban Water Systems 2019 , 287-304		1
20	Economic damage and spillovers from a tropical cyclone. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 137-151	3.9	22
19	Energy intensity and embodied energy flow in Australia: An input-output analysis. <i>Journal of Cleaner Production</i> , 2019 , 226, 357-368	10.3	36
18	Defining water-related energy for global comparison, clearer communication, and sharper policy. <i>Journal of Cleaner Production</i> , 2019 , 236, 117502	10.3	14
17	Understanding urban water performance at the city-region scale using an urban water metabolism evaluation framework. <i>Water Research</i> , 2018 , 137, 395-406	12.5	22
16	Energy implications of the millennium drought on urban water cycles in Southeast Australian cities. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 214-221	1.4	3
15	City-scale analysis of water-related energy identifies more cost-effective solutions. <i>Water Research</i> , 2017 , 109, 287-298	12.5	16
14	Energy use for water provision in cities. <i>Journal of Cleaner Production</i> , 2017 , 143, 699-709	10.3	72
13	Life-cycle energy impacts for adapting an urban water supply system to droughts. <i>Water Research</i> , 2017 , 127, 139-149	12.5	8
12	Quantifying and managing urban water-related energy use systemically: case study lessons from Australia. <i>International Journal of Water Resources Development</i> , 2016 , 32, 379-397	3	19
11	Comparison of water-energy trajectories of two major regions experiencing water shortage. <i>Journal of Environmental Management</i> , 2016 , 181, 403-412	7.9	22

10	A systemic framework and analysis of urban water energy. <i>Environmental Modelling and Software</i> , 2015 , 73, 272-285	5.2	47
9	Optimization of multi-stage pyrolysis. <i>Applied Thermal Engineering</i> , 2013 , 61, 123-127	5.8	7
8	Numerical study of mixed-feedstock pyrolysis. <i>Computer Aided Chemical Engineering</i> , 2012 , 31, 1311-1315.6		3
7	Charcoal Production via Multistage Pyrolysis. <i>Chinese Journal of Chemical Engineering</i> , 2012 , 20, 455-460	3.2	28
6	Experimental and Modelling Studies of Biomass Pyrolysis. <i>Chinese Journal of Chemical Engineering</i> , 2012 , 20, 543-550	3.2	23
5	Optimisation of particle size in waste tyre pyrolysis. <i>Fuel</i> , 2012 , 95, 417-424	7.1	35
4	CFD Study on the Application of Rotary Kiln in Pyrolysis. <i>Computer Aided Chemical Engineering</i> , 2011 , 29, 71-75	0.6	3
3	Modelling pyrolysis with dynamic heating. <i>Chemical Engineering Science</i> , 2011 , 66, 6505-6514	4.4	19
2	Integrated kinetics and heat flow modelling to optimise waste tyre pyrolysis at different heating rates. <i>Fuel Processing Technology</i> , 2011 , 92, 856-863	7.2	36
1	Operation strategy for multi-stage pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011 , 91, 165-180		47