

Yunlong Luo

List of Publications by Citations

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30
papers

2,650
citations

10
h-index

32
g-index

32
ext. papers

3,112
ext. citations

9.2
avg, IF

5.03
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 30 | A review on the occurrence of micropollutants in the aquatic environment and their fate and removal during wastewater treatment. <i>Science of the Total Environment</i> , 2014 , 473-474, 619-41 | 10.2 | 2205 |
| 29 | Simultaneous microalgae cultivation and wastewater treatment in submerged membrane photobioreactors: A review. <i>Algal Research</i> , 2017 , 24, 425-437 | 5 | 109 |
| 28 | Evaluation of micropollutant removal and fouling reduction in a hybrid moving bed biofilm reactor-membrane bioreactor system. <i>Bioresource Technology</i> , 2015 , 191, 355-9 | 11 | 77 |
| 27 | Removal and fate of micropollutants in a sponge-based moving bed bioreactor. <i>Bioresource Technology</i> , 2014 , 159, 311-9 | 11 | 66 |
| 26 | Biodiesel production with the simultaneous removal of nitrogen, phosphorus and COD in microalgal-bacterial communities for the treatment of anaerobic digestion effluent in photobioreactors. <i>Chemical Engineering Journal</i> , 2018 , 350, 1092-1102 | 14.7 | 54 |
| 25 | Assessment of membrane photobioreactor (MPBR) performance parameters and operating conditions. <i>Water Research</i> , 2018 , 138, 169-180 | 12.5 | 33 |
| 24 | The performance of gravity-driven membrane (GDM) filtration for roofing rainwater reuse: Implications of roofing rainwater energy and rainwater purification. <i>Science of the Total Environment</i> , 2019 , 697, 134187 | 10.2 | 20 |
| 23 | Characterisation of organic matter in membrane photobioreactors (MPBRs) and its impact on membrane performance. <i>Algal Research</i> , 2019 , 44, 101682 | 5 | 12 |
| 22 | Characterisation of microalgae-based monocultures and mixed cultures for biomass production and wastewater treatment. <i>Algal Research</i> , 2020 , 49, 101963 | 5 | 10 |
| 21 | Boron-doped diamond (BDD) electro-oxidation coupled with nanofiltration for secondary wastewater treatment: Antibiotics degradation and biofouling. <i>Environment International</i> , 2021 , 146, 106291 | 12.9 | 10 |
| 20 | Identification and visualisation of microplastics via PCA to decode Raman spectrum matrix towards imaging. <i>Chemosphere</i> , 2022 , 286, 131736 | 8.4 | 9 |
| 19 | Pre-depositing PAC-birnessite cake layer on gravity driven ceramic membrane (GDCM) reactor for manganese removal: The significance of stable flux and biofilm. <i>Separation and Purification Technology</i> , 2021 , 267, 118623 | 8.3 | 6 |
| 18 | Capture and characterisation of microplastics printed on paper via laser printer& toners. <i>Chemosphere</i> , 2021 , 281, 130864 | 8.4 | 5 |
| 17 | Comparison between permanganate pre-oxidation and persulfate/iron(II) enhanced coagulation as pretreatment for ceramic membrane ultrafiltration of surface water contaminated with manganese and algae. <i>Environmental Research</i> , 2021 , 196, 110942 | 7.9 | 4 |
| 16 | Rural drinking water treatment system combining solar-powered electrocoagulation and a gravity-driven ceramic membrane bioreactor. <i>Separation and Purification Technology</i> , 2021 , 276, 119383 | 8.3 | 4 |
| 15 | Degradation of antibiotics, organic matters and ammonia during secondary wastewater treatment using boron-doped diamond electro-oxidation combined with ceramic ultrafiltration. <i>Chemosphere</i> , 2022 , 286, 131680 | 8.4 | 4 |
| 14 | Assessing the performance of membrane photobioreactors (MPBR) for polishing effluents containing different types of nitrogen. <i>Algal Research</i> , 2020 , 50, 102013 | 5 | 3 |

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| 13 | Gravity-driven ceramic membrane (GDCM) filtration treating manganese-contaminated surface water: Effects of ozone(O)-aided pre-coating and membrane pore size. <i>Chemosphere</i> , 2021 , 279, 130603 | 8.4 | 3 |
| 12 | Total oxidisable precursor assay towards selective detection of PFAS in AFFF. <i>Journal of Cleaner Production</i> , 2021 , 328, 129568 | 10.3 | 2 |
| 11 | Applying Raman imaging to capture and identify microplastics and nanoplastics in the garden. <i>Journal of Hazardous Materials</i> , 2021 , 426, 127788 | 12.8 | 2 |
| 10 | Raman imaging and MALDI-MS towards identification of microplastics generated when using stationery markers. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127478 | 12.8 | 2 |
| 9 | Performance and microbial characteristics of a novel pilot-scale tubing biological contact oxidation reactor for rural drinking water. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102290 | 6.7 | 2 |
| 8 | Collecting Microplastics in Gardens: Case Study (i) of Soil. <i>Frontiers in Environmental Science</i> , 2021 , 9, | 4.8 | 2 |
| 7 | Investigating kitchen sponge-derived microplastics and nanoplastics with Raman imaging and multivariate analysis.. <i>Science of the Total Environment</i> , 2022 , 153963 | 10.2 | 2 |
| 6 | Characterising microplastics in shower wastewater with Raman imaging.. <i>Science of the Total Environment</i> , 2021 , 811, 152409 | 10.2 | 1 |
| 5 | TiO/CTS/ATP adsorbent modification and its application in adsorption-ultrafiltration process for dye wastewater purification. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59963-59973 | 5.1 | 1 |
| 4 | Evaluating the resilience of photobioreactors in response to hazardous chemicals. <i>Chemical Engineering Journal</i> , 2021 , 405, 126666 | 14.7 | 1 |
| 3 | Assessment of microplastics and nanoplastics released from a chopping board using Raman imaging in combination with three algorithms.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128636 | 12.8 | 1 |
| 2 | Raman imaging of microplastics and nanoplastics generated by cutting PVC pipe.. <i>Environmental Pollution</i> , 2022 , 298, 118857 | 9.3 | 0 |
| 1 | Collecting microplastics in gardens: Case study (ii) from ropes. <i>Environmental Technology and Innovation</i> , 2022 , 26, 102322 | 7 | |