

Yunlong Luo

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1001169/yunlong-luo-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Raman imaging of microplastics and nanoplastics generated by cutting PVC pipe.. <i>Environmental Pollution</i> , 2022 , 298, 118857	9.3	0
29	Collecting microplastics in gardens: Case study (ii) from ropes. <i>Environmental Technology and Innovation</i> , 2022 , 26, 102322	7	
28	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
27	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
26	Identification and visualisation of microplastics via PCA to decode Raman spectrum matrix towards imaging. <i>Chemosphere</i> , 2022 , 286, 131736	8.4	9
25	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
24	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
23	Total oxidisable precursor assay towards selective detection of PFAS in AFFF. <i>Journal of Cleaner Production</i> , 2021 , 328, 129568	10.3	2
22	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
21	Characterising microplastics in shower wastewater with Raman imaging.. <i>Science of the Total Environment</i> , 2021 , 811, 152409	10.2	1
20	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
19	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
18	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
17	Evaluating the resilience of photobioreactors in response to hazardous chemicals. <i>Chemical Engineering Journal</i> , 2021 , 405, 126666	14.7	1
16	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
15	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
14	Capture and characterisation of microplastics printed on paper via laser printer& toners. <i>Chemosphere</i> , 2021 , 281, 130864	8.4	5

13	Collecting Microplastics in Gardens: Case Study (i) of Soil. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	2
12	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
11	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
10	Characterisation of microalgae-based monocultures and mixed cultures for biomass production and wastewater treatment. <i>Algal Research</i> , 2020 , 49, 101963	5	10
9	Assessing the performance of membrane photobioreactors (MPBR) for polishing effluents containing different types of nitrogen. <i>Algal Research</i> , 2020 , 50, 102013	5	3
8	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
7	Characterisation of organic matter in membrane photobioreactors (MPBRs) and its impact on membrane performance. <i>Algal Research</i> , 2019 , 44, 101682	5	12
6	Assessment of membrane photobioreactor (MPBR) performance parameters and operating conditions. <i>Water Research</i> , 2018 , 138, 169-180	12.5	33
5	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
4	Simultaneous microalgae cultivation and wastewater treatment in submerged membrane photobioreactors: A review. <i>Algal Research</i> , 2017 , 24, 425-437	5	109
3	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
2	Removal and fate of micropollutants in a sponge-based moving bed bioreactor. <i>Bioresource Technology</i> , 2014 , 159, 311-9	11	66
1	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