

Ngoc Han Tran

List of Publications by Citations

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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.

43
papers

3,292
citations

25
h-index

43
g-index

43
ext. papers

4,092
ext. citations

9.2
avg, IF

6.03
L-index

#	Paper	IF	Citations
43	Occurrence and fate of emerging contaminants in municipal wastewater treatment plants from different geographical regions-a review. <i>Water Research</i> , 2018 , 133, 182-207	12.5	690
42	Insight into metabolic and cometabolic activities of autotrophic and heterotrophic microorganisms in the biodegradation of emerging trace organic contaminants. <i>Bioresource Technology</i> , 2013 , 146, 721-731	11	293
41	Occurrence and removal of multiple classes of antibiotics and antimicrobial agents in biological wastewater treatment processes. <i>Water Research</i> , 2016 , 104, 461-472	12.5	210
40	Removal of selected PPCPs, EDCs, and antibiotic resistance genes in landfill leachate by a full-scale constructed wetlands system. <i>Water Research</i> , 2017 , 121, 46-60	12.5	171
39	The characteristics of enriched nitrifier culture in the degradation of selected pharmaceutically active compounds. <i>Journal of Hazardous Materials</i> , 2009 , 171, 1051-7	12.8	169
38	Simultaneous determination of PPCPs, EDCs, and artificial sweeteners in environmental water samples using a single-step SPE coupled with HPLC-MS/MS and isotope dilution. <i>Talanta</i> , 2013 , 113, 82-92	6.2	151
37	Removal of antibiotic residues, antibiotic resistant bacteria and antibiotic resistance genes in municipal wastewater by membrane bioreactor systems. <i>Water Research</i> , 2018 , 145, 498-508	12.5	143
36	Occurrence and suitability of pharmaceuticals and personal care products as molecular markers for raw wastewater contamination in surface water and groundwater. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4727-40	5.1	136
35	Occurrence and removal of pharmaceuticals, hormones, personal care products, and endocrine disruptors in a full-scale water reclamation plant. <i>Science of the Total Environment</i> , 2017 , 599-600, 1503-1516	10.2	127
34	Suitability of artificial sweeteners as indicators of raw wastewater contamination in surface water and groundwater. <i>Water Research</i> , 2014 , 48, 443-56	12.5	123
33	Biodegradation Characteristics of Pharmaceutical Substances by Whole Fungal Culture <i>Trametes versicolor</i> and its Laccase. <i>Journal of Water and Environment Technology</i> , 2010 , 8, 125-140	1.1	117
32	Emerging contaminants in wastewater, stormwater runoff, and surface water: Application as chemical markers for diffuse sources. <i>Science of the Total Environment</i> , 2019 , 676, 252-267	10.2	92
31	Fecal pollution source tracking toolbox for identification, evaluation and characterization of fecal contamination in receiving urban surface waters and groundwater. <i>Science of the Total Environment</i> , 2015 , 538, 38-57	10.2	87
30	Occurrence and risk assessment of multiple classes of antibiotics in urban canals and lakes in Hanoi, Vietnam. <i>Science of the Total Environment</i> , 2019 , 692, 157-174	10.2	81
29	A critical review on characterization strategies of organic matter for wastewater and water treatment processes. <i>Bioresource Technology</i> , 2015 , 193, 523-33	11	78
28	Insights into biofilm carriers for biological wastewater treatment processes: Current state-of-the-art, challenges, and opportunities. <i>Bioresource Technology</i> , 2019 , 288, 121619	11	77
27	Sorption and biodegradation of artificial sweeteners in activated sludge processes. <i>Bioresource Technology</i> , 2015 , 197, 329-38	11	60

26	A Preliminary Study on the Occurrence of Pharmaceutically Active Compounds in Hospital Wastewater and Surface Water in Hanoi, Vietnam. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 267-275	1.6	59
25	Synergistic Effect of High-Frequency Ultrasound with Cupric Oxide Catalyst Resulting in a Selectivity Switch in Glucose Oxidation under Argon. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14772-14779	16.4	53
24	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. <i>Talanta</i> , 2016 , 159, 163-173	6.2	48
23	Multi-compartment distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in an urban catchment system. <i>Water Research</i> , 2019 , 154, 227-237	12.5	41
22	Effects of hydraulic retention time and biofloculant addition on membrane fouling in a sponge-submerged membrane bioreactor. <i>Bioresource Technology</i> , 2016 , 210, 11-7	11	40
21	Role of nitrification in the biodegradation of selected artificial sweetening agents in biological wastewater treatment process. <i>Bioresource Technology</i> , 2014 , 161, 40-6	11	37
20	Removal of the insect repellent N,N-diethyl-m-toluamide (DEET) by laccase-mediated systems. <i>Bioresource Technology</i> , 2013 , 147, 667-671	11	35
19	An efficient hydrogenation catalytic model hosted in a stable hyper-crosslinked porous-organic-polymer: from fatty acid to bio-based alkane diesel synthesis. <i>Green Chemistry</i> , 2020 , 22, 2049-2068	10	29
18	A novel red mud adsorbent for phosphorus and diclofenac removal from wastewater. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112286	6	22
17	Biocarriers for biofilm immobilization in wastewater treatments: a review. <i>Environmental Chemistry Letters</i> , 2020 , 18, 1925-1945	13.3	16
16	Biotransformation of polyfluoroalkyl substances by microbial consortia from constructed wetlands under aerobic and anoxic conditions. <i>Chemosphere</i> , 2019 , 233, 101-109	8.4	15
15	Sorption and biodegradation characteristics of the selected pharmaceuticals and personal care products onto tropical soil. <i>Water Science and Technology</i> , 2016 , 73, 51-9	2.2	14
14	Occurrence of Traditional and Alternative Fecal Indicators in Tropical Urban Environments under Different Land Use Patterns. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	13
13	Quantification of cylindrospermopsin, anatoxin-a and homoanatoxin-a in cyanobacterial bloom freshwater using direct injection/SPE coupled with UPLC-MS/MS. <i>Science of the Total Environment</i> , 2020 , 731, 139014	10.2	11
12	Biodiesel production from <i>Ulva linza</i> , <i>Ulva tubulosa</i> , <i>Ulva fasciata</i> , <i>Ulva rigida</i> , <i>Ulva reticulata</i> by using Mn ₂ ZnO ₄ heterogenous nanocatalysts. <i>Fuel</i> , 2019 , 255, 115744	7.1	11
11	Determination of 19 anthelmintics in environmental water and sediment using an optimized PLE and SPE method coupled with UHPLC-MS/MS. <i>Science of the Total Environment</i> , 2020 , 719, 137516	10.2	10
10	Novel cyanotoxin-producing <i>Synechococcus</i> in tropical lakes. <i>Water Research</i> , 2021 , 192, 116828	12.5	9
9	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and N-microcystins as isotopically labelled internal standards. <i>Science of the Total Environment</i> , 2020 , 738, 139727	10.2	7

8	Developing Surrogate Markers for Predicting Antibiotic Resistance "Hot Spots" in Rivers Where Limited Data Are Available. <i>Environmental Science & Technology</i> , 2021 , 55, 7466-7478	10.3	6
7	Comments on "Antibiotic pollution in surface fresh waters: Occurrence and effects", <i>Science of the Total Environment</i> , 664, 793-804 (2019). <i>Science of the Total Environment</i> , 2019 , 685, 1308-1309	10.2	4
6	Source, fate, transport and modelling of selected emerging contaminants in the aquatic environment: Current status and future perspectives.. <i>Water Research</i> , 2022 , 217, 118418	12.5	4
5	Efficient access to β - and γ -carbonyls from a common starting material by sequential site-selective Pd-catalyzed C α , C β coupling reactions. <i>Tetrahedron</i> , 2019 , 75, 130569	2.4	2
4	Antibiotic Resistance in Municipal Wastewater: A Special Focus on Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2020 , 123-146	0.8	1
3	Multi-class secondary metabolites in cyanobacterial blooms from a tropical water body: Distribution patterns and real-time prediction.. <i>Water Research</i> , 2022 , 212, 118129	12.5	0
2	The characteristics of coalbed water and coal in a coal seam situated in the Red River Basin, Vietnam. <i>Science of the Total Environment</i> , 2021 , 807, 151056	10.2	0
1	Biogenic methane generation from Vietnamese coal after pretreatment with hydrogen peroxide. <i>International Journal of Energy Research</i> , 2021 , 45, 18713	4.5	0