

Wei-Hsiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

625
citations

623734

14
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations of N concentrations and microbial community in the start-up of anammox using anaerobic heterotrophic sludge: Influence of a long reaction-phase time and comparison of the efficiencies of attached-versus suspended-growth cultures. <i>Chemosphere</i> , 2022, 287, 132151.	8.2	8
2	The competitive effect of different chlorination disinfection methods and additional inorganic nitrogen on nitrosamine formation from aromatic and heterocyclic amine-containing pharmaceuticals. <i>Chemosphere</i> , 2021, 267, 128922.	8.2	11
3	Temporal and vertical variations of polycyclic aromatic hydrocarbon at low elevations in an industrial city of southern Taiwan. <i>Scientific Reports</i> , 2021, 11, 3453.	3.3	5
4	Influence of water, H ₂ O ₂ , H ₂ SO ₄ , and NaOH filtration on the surface characteristics of a graphene oxide-iron (GO-Fe) membrane. <i>Separation and Purification Technology</i> , 2021, 262, 118317.	7.9	4
5	Graphene Family Nanomaterials (GFN)-TiO ₂ for the Photocatalytic Removal of Water and Air Pollutants: Synthesis, Characterization, and Applications. <i>Nanomaterials</i> , 2021, 11, 3195.	4.1	5
6	Adsorption of organic including pharmaceutical and inorganic contaminants in water toward graphene-based materials. , 2020, , 93-113.		4
7	Novel MoS ₂ quantum dots as a highly efficient visible-light driven photocatalyst in water remediation. <i>RSC Advances</i> , 2020, 10, 31794-31799.	3.6	14
8	Catalytic degradation of chlorpheniramine over GO-Fe ₃ O ₄ in the presence of H ₂ O ₂ in water: The synergistic effect of adsorption. <i>Science of the Total Environment</i> , 2020, 736, 139468.	8.0	22
9	Removal of chlorpheniramine and variations of nitrosamine formation potentials in municipal wastewaters by adsorption onto the GO-Fe ₃ O ₄ . <i>Environmental Science and Pollution Research</i> , 2019, 26, 20701-20711.	5.3	12
10	Influence of emulsified biodiesel on the emission and health risk of polycyclic aromatic hydrocarbons in the vapor and particulate phases during engine combustion. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13510-13521.	5.3	9
11	Removals of pharmaceuticals in municipal wastewater using a staged anaerobic fluidized membrane bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 29-36.	3.9	38
12	Impact of pre-oxidation on nitrosamine formation from a source to drinking water: A perspective on cancer risk assessment. <i>Chemical Engineering Research and Design</i> , 2018, 113, 424-434.	5.6	15
13	Comparing volatile organic compound emissions during equalization in wastewater treatment between the flux-chamber and mass-transfer methods. <i>Chemical Engineering Research and Design</i> , 2017, 109, 410-419.	5.6	13
14	Different influences of nanopore dimension and pH between chlorpheniramine adsorptions on graphene oxide-iron oxide suspension and particle. <i>Chemical Engineering Journal</i> , 2017, 307, 447-455.	12.7	27
15	Formation and fates of nitrosamines and their formation potentials from a surface water source to drinking water treatment plants in Southern Taiwan. <i>Chemosphere</i> , 2016, 161, 546-554.	8.2	28
16	Toward better understanding and feasibility of controlling greenhouse gas emissions from treatment of industrial wastewater with activated sludge. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20449-20461.	5.3	9
17	Investigating the differences between receptor and dispersion modeling for concentration prediction and health risk assessment of volatile organic compounds from petrochemical industrial complexes. <i>Journal of Environmental Management</i> , 2016, 166, 440-449.	7.8	34
18	Effect of molecular characteristics on the formation of nitrosamines during chlor(am)ination of phenylurea herbicides. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 2092-2100.	3.5	9

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19	Enhanced photocatalytic oxidation of gaseous elemental mercury by TiO ₂ in a high temperature environment. <i>Journal of Hazardous Materials</i> , 2015, 289, 235-243.	12.4	27
20	Treating Odorous and Nitrogenous Compounds from Waste Composting by Acidic Chlorination Followed by Alkaline Sulfurization. <i>Environmental Engineering Science</i> , 2014, 31, 583-592.	1.6	8
21	Removal of Trihalomethanes and Haloacetic Acids from Treated Drinking Water by Biological Activated Carbon Filter. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	13
22	Multivariate analysis of effects of diurnal temperature and seasonal humidity variations by tropical savanna climate on the emissions of anthropogenic volatile organic compounds. <i>Science of the Total Environment</i> , 2014, 470-471, 311-323.	8.0	13
23	Underestimated public health risks caused by overestimated VOC removal in wastewater treatment processes. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 271-279.	3.5	24
24	Fates of chlorinated volatile organic compounds in aerobic biological treatment processes: The effects of aeration and sludge addition. <i>Chemosphere</i> , 2014, 103, 92-98.	8.2	25
25	Assessing the altitude effect on distributions of volatile organic compounds from different sources by principal component analysis. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 972.	3.5	25
26	Influences of Aeration and Biological Treatment on the Fates of Aromatic VOCs in Wastewater Treatment Processes. <i>Aerosol and Air Quality Research</i> , 2013, 13, 225-236.	2.1	21
27	Comparative assessments of VOC emission rates and associated health risks from wastewater treatment processes. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2464.	2.1	33
28	Influence of nitrogen source on NDMA formation during chlorination of diuron. <i>Water Research</i> , 2009, 43, 3047-3056.	11.3	50
29	NDMA Formation during Chlorination and Chloramination of Aqueous Diuron Solutions. <i>Environmental Science & Technology</i> , 2008, 42, 1072-1077.	10.0	119
30	Implications of toxicity testing for health risk assessment of vapor-phase and PM _{2.5} -bound polycyclic aromatic hydrocarbons during the diesel engine combustion. <i>Human and Ecological Risk Assessment (HERA)</i> , 0, , 1-24.	3.4	0