Jin-Yuan Chen

List of Publications by Year
in descending order

44	1,774	304743	265206
papers	citations	22 h-index	42 g-index

47	47	47	2834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo acute toxicity of titanium dioxide nanoparticles to mice after intraperitioneal injection. Journal of Applied Toxicology, 2009, 29, 330-337.	2.8	343
2	Effects of titanium dioxide nano-particles on growth and some histological parameters of zebrafish (Danio rerio) after a long-term exposure. Aquatic Toxicology, 2011, 101, 493-499.	4.0	140
3	Risk assessment of polychlorinated biphenyls and heavy metals in soils of an abandoned e-waste site in China. Environmental Pollution, 2014, 185, 258-265.	7.5	133
4	Characterization and application of a thin-film composite nanofiltration hollow fiber membrane for dye desalination and concentration. Chemical Engineering Journal, 2013, 223, 172-182.	12.7	131
5	Removal of Heavy Metals from Electroplating Wastewater by Thin-Film Composite Nanofiltration Hollow-Fiber Membranes. Industrial & Engineering Chemistry Research, 2013, 52, 17583-17590.	3.7	100
6	Photocatalytic membrane reactor for degradation of acid red B wastewater. Chemical Engineering Journal, 2010, 156, 571-577.	12.7	69
7	Synthesis, Characterization, and Photocatalysis of Well-Dispersible Phase-Pure Anatase TiO₂Nanoparticles. International Journal of Photoenergy, 2013, 2013, 1-6.	2.5	66
8	Application of Positively Charged Composite Hollow-Fiber Nanofiltration Membranes for Dye Purification. Industrial & Engineering Chemistry Research, 2014, 53, 14036-14045.	3.7	64
9	Characterization of a positively charged composite nanofiltration hollow fiber membrane prepared by a simplified process. Desalination, 2014, 350, 44-52.	8.2	53
10	Structure influence of hyperbranched polyester on structure and properties of synthesized nanofiltration membranes. Journal of Membrane Science, 2013, 440, 67-76.	8.2	49
11	Removal of trace phthalate esters from water by thin-film composite nanofiltration hollow fiber membranes. Chemical Engineering Journal, 2016, 292, 382-388.	12.7	45
12	Transmission and Accumulation of Nano-TiO2 in a 2-Step Food Chain (Scenedesmus obliquus to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.7	41
13	A novel air-assisted liquid-liquid microextraction based on in-situ phase separation for the HPLC determination of bisphenols migration from disposable lunch boxes to contacting water. Talanta, 2018, 189, 116-121.	5.5	40
14	Typical pharmaceutical molecule removal behavior from water by positively and negatively charged composite hollow fiber nanofiltration membranes. RSC Advances, 2018, 8, 10396-10408.	3.6	39
15	The reduced bioavailability of copper by nano-TiO2 attenuates the toxicity to Microcystis aeruginosa. Environmental Science and Pollution Research, 2015, 22, 12407-12414.	5.3	36
16	Comparison of magnetic-nanometer titanium dioxide/ferriferous oxide (TiO2/Fe3O4) composite photocatalyst prepared by acidâ€“sol and homogeneous precipitation methods. Journal of Materials Science, 2010, 45, 6018-6024.	3.7	35
17	Structureâ€“performance study of polyamide composite nanofiltration membranes prepared with polyethyleneimine. Journal of Materials Science, 2017, 52, 11701-11714.	3.7	32
18	Biochar application as a soil amendment for decreasing cadmium availability in soil and accumulation in Brassica chinensis. Journal of Soils and Sediments, 2018, 18, 2511-2519.	3.0	31

#	Article	IF	Citations
19	Characterization, properties and catalytic application of TiO2 nanotubes prepared by ultrasonic-assisted sol-hydrothermal method. Materials Research Bulletin, 2012, 47, 3747-3752.	5.2	29
20	Iron-doped TiO2 nanotubes with high photocatalytic activity under visible light synthesized by an ultrasonic-assisted sol-hydrothermal method. Ceramics International, 2013, 39, 4009-4016.	4.8	28
21	SiO₂â€modified nanocomposite nanofiltration membranes with high flux and acid resistance. Journal of Applied Polymer Science, 2019, 136, 47436.	2.6	26
22	Effectiveness of dishwashing liquids in removing chlorothalonil and chlorpyrifos residues from cherry tomatoes. Chemosphere, 2013, 92, 1022-1028.	8.2	24
23	Removal of pharmaceuticals and personal care products (PPCPs) and environmental estrogens (EEs) from water using positively charged hollow fiber nanofiltration membrane. Environmental Science and Pollution Research, 2021, 28, 8486-8497.	5.3	22
24	UV/TiO2 photocatalytic oxidation of recalcitrant organic matter: effect of salinity and pH. Water Science and Technology, 2014, 70, 437-443.	2.5	20
25	Ambient air pollution of particles and gas pollutants, and the predicted health risks from long-term exposure to PM2.5 in Zhejiang province, China. Environmental Science and Pollution Research, 2018, 25, 23833-23844.	5.3	18
26	Selectivity improvement of positive photoionization ion mobility spectrometry for rapid detection of organophosphorus pesticides by switching dopant concentration. Talanta, 2018, 176, 247-252.	5.5	17
27	Optimizing the surface properties of nanofiltration membrane by tailoring the diffusion coefficient of amine monomer. Journal of Membrane Science, 2022, 656, 120601.	8.2	16
28	Removal of carbon disulfide from air stream by absorption combined with electrochemical oxidation. Journal of Environmental Chemical Engineering, 2019, 7, 103167.	6.7	15
29	Toxicity and endocrine-disrupting potential of PM2.5: Association with particulate polycyclic aromatic hydrocarbons, phthalate esters, and heavy metals. Environmental Pollution, 2022, 292, 118349.	7.5	15
30	Characterization of PAHs in size-fractionated submicron atmospheric particles and their association with the intracellular oxidative stress. Chemosphere, 2017, 182, 1-7.	8.2	14
31	Characteristics of ambient ozone (O3) pollution and health risks in Zhejiang Province. Environmental Science and Pollution Research, 2017, 24, 27436-27444.	5.3	10
32	Time-dependent movement and distribution of chlorothalonil and chlorpyrifos in tomatoes. Ecotoxicology and Environmental Safety, 2013, 93, 107-111.	6.0	9
33	Hemocompatibility and ultrafiltration performance of PAN membranes surface-modified by hyperbranched polyesters. Polymers for Advanced Technologies, 2016, 27, 1569-1576.	3.2	9
34	Preparation of SnS2/TiO2 by a thermo-solvent ultrasonic method and its high photo-catalytic performance for decontamination under visible light. Journal of Environmental Chemical Engineering, 2020, 8, 104121.	6.7	8
35	Preparation of graphene oxide/polyamide composite nanofiltration membranes for enhancing stability and separation efficiency. Journal of Applied Polymer Science, 2021, 138, 50902.	2.6	8
36	Preparation and improvement anti-fouling property and biocompatibility of polyethersulfone membrane by blending comb-like amphiphilic copolymer. Journal of Porous Materials, 2014, 21, 589-599.	2.6	7

#	Article	IF	Citations
37	Graphene oxide/multiâ€walled carbon nanotubes nanocompsite polyamide nanofiltration membrane for dyeingâ€printing wastewater treatment. Polymers for Advanced Technologies, 2021, 32, 690-702.	3.2	7
38	Heterotrophic Nitrification and Aerobic Denitrification by Four Novel Isolated Bacteria. Polish Journal of Environmental Studies, 0, 24, 1677-1682.	1.2	6
39	Removal of styrene in air stream by absorption combined with electrochemical oxidation. Environmental Technology (United Kingdom), 2020, 41, 2140-2145.	2.2	5
40	Improved analytical performance of photoionization ion mobility spectrometry for the rapid detection of organophosphorus pesticides using K₀ patterns with multiple reactant ions. RSC Advances, 2018, 8, 18067-18073.	3.6	4
41	Preparation and properties of hollow fibre nanofiltration membrane with continuous coffee-ring structure. Frontiers of Chemical Science and Engineering, 2021, 15, 351-362.	4.4	4
42	nTiO2 mass transfer and deposition behavior in an aquatic environment. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	1
43	Highly size-resolved characterization of water-soluble inorganic ions in submicron atmospheric particles. Air Quality, Atmosphere and Health, 2019, 12, 683-692.	3.3	1
44	Removal of Pharmaceuticals and Personal Care Products in Aquatic Environment by Membrane Technology. Environmental Chemistry for A Sustainable World, 2020, , 177-242.	0.5	0