

Jin-Yuan Chen

List of Publications by Year in descending order

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44
papers

1,774
citations

304743

22
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265206

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docs citations

47
times ranked

2834
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity and endocrine-disrupting potential of PM2.5: Association with particulate polycyclic aromatic hydrocarbons, phthalate esters, and heavy metals. <i>Environmental Pollution</i> , 2022, 292, 118349.	7.5	15
2	Optimizing the surface properties of nanofiltration membrane by tailoring the diffusion coefficient of amine monomer. <i>Journal of Membrane Science</i> , 2022, 656, 120601.	8.2	16
3	Preparation and properties of hollow fibre nanofiltration membrane with continuous coffee-ring structure. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 351-362.	4.4	4
4	Graphene oxide/multi-walled carbon nanotubes nanocomposite polyamide nanofiltration membrane for dyeing printing wastewater treatment. <i>Polymers for Advanced Technologies</i> , 2021, 32, 690-702.	3.2	7
5	Removal of pharmaceuticals and personal care products (PPCPs) and environmental estrogens (EEs) from water using positively charged hollow fiber nanofiltration membrane. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8486-8497.	5.3	22
6	Preparation of graphene oxide/polyamide composite nanofiltration membranes for enhancing stability and separation efficiency. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50902.	2.6	8
7	Removal of styrene in air stream by absorption combined with electrochemical oxidation. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2140-2145.	2.2	5
8	Preparation of SnS ₂ /TiO ₂ by a thermo-solvent ultrasonic method and its high photo-catalytic performance for decontamination under visible light. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104121.	6.7	8
9	Removal of Pharmaceuticals and Personal Care Products in Aquatic Environment by Membrane Technology. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 177-242.	0.5	0
10	SiO ₂ -modified nanocomposite nanofiltration membranes with high flux and acid resistance. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47436.	2.6	26
11	Removal of carbon disulfide from air stream by absorption combined with electrochemical oxidation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103167.	6.7	15
12	Highly size-resolved characterization of water-soluble inorganic ions in submicron atmospheric particles. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 683-692.	3.3	1
13	Biochar application as a soil amendment for decreasing cadmium availability in soil and accumulation in <i>Brassica chinensis</i> . <i>Journal of Soils and Sediments</i> , 2018, 18, 2511-2519.	3.0	31
14	Typical pharmaceutical molecule removal behavior from water by positively and negatively charged composite hollow fiber nanofiltration membranes. <i>RSC Advances</i> , 2018, 8, 10396-10408.	3.6	39
15	Selectivity improvement of positive photoionization ion mobility spectrometry for rapid detection of organophosphorus pesticides by switching dopant concentration. <i>Talanta</i> , 2018, 176, 247-252.	5.5	17
16	Improved analytical performance of photoionization ion mobility spectrometry for the rapid detection of organophosphorus pesticides using <i>K⁺</i> patterns with multiple reactant ions. <i>RSC Advances</i> , 2018, 8, 18067-18073.	3.6	4
17	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. <i>Talanta</i> , 2018, 189, 116-121.	5.5	40
18	Ambient air pollution of particles and gas pollutants, and the predicted health risks from long-term exposure to PM2.5 in Zhejiang province, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23833-23844.	5.3	18

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19	Characterization of PAHs in size-fractionated submicron atmospheric particles and their association with the intracellular oxidative stress. <i>Chemosphere</i> , 2017, 182, 1-7.	8.2	14
20	Characteristics of ambient ozone (O ₃) pollution and health risks in Zhejiang Province. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27436-27444.	5.3	10
21	Structure-performance study of polyamide composite nanofiltration membranes prepared with polyethyleneimine. <i>Journal of Materials Science</i> , 2017, 52, 11701-11714.	3.7	32
22	Hemocompatibility and ultrafiltration performance of PAN membranes surface-modified by hyperbranched polyesters. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1569-1576.	3.2	9
23	nTiO ₂ mass transfer and deposition behavior in an aquatic environment. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	1
24	Removal of trace phthalate esters from water by thin-film composite nanofiltration hollow fiber membranes. <i>Chemical Engineering Journal</i> , 2016, 292, 382-388.	12.7	45
25	The reduced bioavailability of copper by nano-TiO ₂ attenuates the toxicity to <i>Microcystis aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 12407-12414.	5.3	36
26	Transmission and Accumulation of Nano-TiO ₂ in a 2-Step Food Chain (<i>Scenedesmus obliquus</i> to <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4</i>)	2.7	41
27	UV/TiO ₂ photocatalytic oxidation of recalcitrant organic matter: effect of salinity and pH. <i>Water Science and Technology</i> , 2014, 70, 437-443.	2.5	20
28	Risk assessment of polychlorinated biphenyls and heavy metals in soils of an abandoned e-waste site in China. <i>Environmental Pollution</i> , 2014, 185, 258-265.	7.5	133
29	Characterization of a positively charged composite nanofiltration hollow fiber membrane prepared by a simplified process. <i>Desalination</i> , 2014, 350, 44-52.	8.2	53
30	Application of Positively Charged Composite Hollow-Fiber Nanofiltration Membranes for Dye Purification. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 14036-14045.	3.7	64
31	Preparation and improvement anti-fouling property and biocompatibility of polyethersulfone membrane by blending comb-like amphiphilic copolymer. <i>Journal of Porous Materials</i> , 2014, 21, 589-599.	2.6	7
32	Time-dependent movement and distribution of chlorothalonil and chlorpyrifos in tomatoes. <i>Ecotoxicology and Environmental Safety</i> , 2013, 93, 107-111.	6.0	9
33	Characterization and application of a thin-film composite nanofiltration hollow fiber membrane for dye desalination and concentration. <i>Chemical Engineering Journal</i> , 2013, 223, 172-182.	12.7	131
34	Iron-doped TiO ₂ nanotubes with high photocatalytic activity under visible light synthesized by an ultrasonic-assisted sol-hydrothermal method. <i>Ceramics International</i> , 2013, 39, 4009-4016.	4.8	28
35	Effectiveness of dishwashing liquids in removing chlorothalonil and chlorpyrifos residues from cherry tomatoes. <i>Chemosphere</i> , 2013, 92, 1022-1028.	8.2	24
36	Structure influence of hyperbranched polyester on structure and properties of synthesized nanofiltration membranes. <i>Journal of Membrane Science</i> , 2013, 440, 67-76.	8.2	49

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37	Removal of Heavy Metals from Electroplating Wastewater by Thin-Film Composite Nanofiltration Hollow-Fiber Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 17583-17590.	3.7	100
38	Synthesis, Characterization, and Photocatalysis of Well-Dispersible Phase-Pure Anatase TiO ₂ Nanoparticles. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-6.	2.5	66
39	Characterization, properties and catalytic application of TiO ₂ nanotubes prepared by ultrasonic-assisted sol-hydrothermal method. <i>Materials Research Bulletin</i> , 2012, 47, 3747-3752.	5.2	29
40	Effects of titanium dioxide nano-particles on growth and some histological parameters of zebrafish (<i>Danio rerio</i>) after a long-term exposure. <i>Aquatic Toxicology</i> , 2011, 101, 493-499.	4.0	140
41	Photocatalytic membrane reactor for degradation of acid red B wastewater. <i>Chemical Engineering Journal</i> , 2010, 156, 571-577.	12.7	69
42	Comparison of magnetic-nanometer titanium dioxide/ferriferous oxide (TiO ₂ /Fe ₃ O ₄) composite photocatalyst prepared by acid-sol and homogeneous precipitation methods. <i>Journal of Materials Science</i> , 2010, 45, 6018-6024.	3.7	35
43	<i>In vivo</i> acute toxicity of titanium dioxide nanoparticles to mice after intraperitoneal injection. <i>Journal of Applied Toxicology</i> , 2009, 29, 330-337.	2.8	343
44	Heterotrophic Nitrification and Aerobic Denitrification by Four Novel Isolated Bacteria. <i>Polish Journal of Environmental Studies</i> , 0, 24, 1677-1682.	1.2	6