

# Jinyuan Chen

## List of Publications by Year in descending order

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27  
papers

1,412  
citations

471509

17  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2385  
citing authors

#	ARTICLE	IF	CITATIONS
1	<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
2	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
3	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
4	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
5	Removal of Heavy Metals from Electroplating Wastewater by Thin-Film Composite Nanofiltration Hollow-Fiber Membranes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 17583-17590.	3.7	100
6	Synthesis, Characterization, and Photocatalysis of Well-Dispersible Phase-Pure Anatase TiO <sub>2</sub> Nanoparticles. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-6.	2.5	66
7	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
8	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
9	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
10	Transmission and Accumulation of Nano-TiO <sub>2</sub> in a 2-Step Food Chain ( <i>Scenedesmus obliquus</i> to <i>T. ETQq0 0 0 rgBT/Overlock 10 Tf 50 3</i> )	2.7	41
11	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
12	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
13	The reduced bioavailability of copper by nano-TiO <sub>2</sub> attenuates the toxicity to <i>Microcystis aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 12407-12414.	5.3	36
14	Comparison of magnetic-nanometer titanium dioxide/ferriferous oxide (TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> ) composite photocatalyst prepared by acid-sol and homogeneous precipitation methods. <i>Journal of Materials Science</i> , 2010, 45, 6018-6024.	3.7	35
15	Structure-performance study of polyamide composite nanofiltration membranes prepared with polyethyleneimine. <i>Journal of Materials Science</i> , 2017, 52, 11701-11714.	3.7	32
16	SiO <sub>2</sub> -modified nanocomposite nanofiltration membranes with high flux and acid resistance. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47436.	2.6	26
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	Improved analytical performance of photoionization ion mobility spectrometry for the rapid detection of organophosphorus pesticides using $K^+$ patterns with multiple reactant ions. <i>RSC Advances</i> , 2018, 8, 18067-18073.	3.6	4
25	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
26	nTiO <sub>2</sub> mass transfer and deposition behavior in an aquatic environment. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	1
27	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