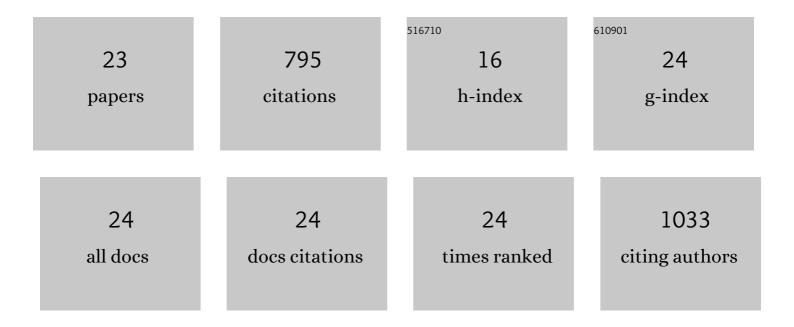
Xiangrong Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interfacially designed magnetic nanoparticles as Fenton-like catalyst for efficient chemical cleaning of polyamide nanofiltration membranes. Environmental Science: Nano, 2022, 9, 2906-2921.	4.3	1
2	Fabrication of Antiswelling Loose Nanofiltration Membranes via a "Selective-Etching-Induced Reinforcing―Strategy for Bioseparation. ACS Applied Materials & Interfaces, 2021, 13, 19312-19323.	8.0	14
3	New insights into effect of alkaline cleaning on fouling behavior of polyamide nanofiltration membrane for wastewater treatment. Science of the Total Environment, 2021, 780, 146632.	8.0	26
4	Nanofiltration for Decolorization: Membrane Fabrication, Applications and Challenges. Industrial & Engineering Chemistry Research, 2020, 59, 19858-19875.	3.7	36
5	How Do Chemical Cleaning Agents Act on Polyamide Nanofiltration Membrane and Fouling Layer?. Industrial & Engineering Chemistry Research, 2020, 59, 17653-17670.	3.7	59
6	Custom-Tailoring Loose Nanofiltration Membrane for Precise Biomolecule Fractionation: New Insight into Post-Treatment Mechanisms. ACS Applied Materials & Interfaces, 2020, 12, 13327-13337.	8.0	79
7	Horseradish Peroxidase Immobilized on Multifunctional Hybrid Microspheres for Aflatoxin B1 Removal: Will Enzymatic Reaction be Enhanced by Adsorption?. Industrial & Engineering Chemistry Research, 2019, 58, 11710-11719.	3.7	20
8	Musselâ€Inspired Membrane Adsorber with Thiol Ligand for Patulin Removal: Adsorption and Regeneration Behaviors. Macromolecular Materials and Engineering, 2019, 304, 1800790.	3.6	11
9	Improved blood compatibility of polysulfone membrane by anticoagulant protein immobilization. Colloids and Surfaces B: Biointerfaces, 2019, 175, 586-595.	5.0	19
10	Aflatoxin B1 removal by multifunctional membrane based on polydopamine intermediate layer. Separation and Purification Technology, 2018, 199, 311-319.	7.9	25
11	Facile preparation of salt-tolerant anion-exchange membrane adsorber using hydrophobic membrane as substrate. Journal of Chromatography A, 2017, 1490, 54-62.	3.7	9
12	Improving the hydrolysis efficiency of soy sauce residue using ultrasonic probe-assisted enzymolysis technology. Ultrasonics Sonochemistry, 2017, 35, 351-358.	8.2	30
13	Polydopamine meets porous membrane: A versatile platform for facile preparation of membrane adsorbers. Journal of Chromatography A, 2016, 1448, 121-126.	3.7	30
14	Highâ€performance PDMS membranes for pervaporative removal of VOCs from water: The role of alkyl grafting. Journal of Applied Polymer Science, 2016, 133, .	2.6	12
15	High molecular weight β-poly(l-malic acid) produced by A. pullulans with Ca2+ added repeated batch culture. International Journal of Biological Macromolecules, 2016, 85, 192-199.	7.5	22
16	Resource Recovery from Soybean Soaking Water by Ultrafiltration and Reverse Osmosis. Food and Bioprocess Technology, 2015, 8, 1730-1738.	4.7	6
17	Directing membrane chromatography to manufacture α1-antitrypsin from human plasma fraction IV. Journal of Chromatography A, 2015, 1423, 63-70.	3.7	18
18	Inhibition of cellulase, βâ€glucosidase, and xylanase activities and enzymatic hydrolysis of dilute acid pretreated wheat straw by acetoneâ€butanolâ€ethanol fermentation products. Environmental Progress and Sustainable Energy, 2014, 33, 497-503.	2.3	7

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#	Article	IF	CITATIONS
19	Continuous Acetone–Butanol–Ethanol (ABE) Fermentation with in Situ Solvent Recovery by Silicalite-1 Filled PDMS/PAN Composite Membrane. Energy & Fuels, 2014, 28, 555-562.	5.1	44
20	An efficient process for lactic acid production from wheat straw by a newly isolated Bacillus coagulans strain IPE22. Bioresource Technology, 2014, 158, 396-399.	9.6	93
21	Simultaneous extraction of oil and soy isoflavones from soy sauce residue using ultrasonic-assisted two-phase solvent extraction technology. Separation and Purification Technology, 2014, 128, 72-79.	7.9	23
22	Improving lactic acid productivity from wheat straw hydrolysates by membrane integrated repeated batch fermentation under non-sterilized conditions. Bioresource Technology, 2014, 163, 160-166.	9.6	56
23	Optimization of Enzymatic Hydrolysis of Wheat Straw Pretreated by Alkaline Peroxide Using Response Surface Methodology. Industrial & Engineering Chemistry Research, 2009, 48, 7346-7353.	3.7	154