

Huiru Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

635
citations

1040056

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1372567

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10
all docs

10
docs citations

10
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoenzymatic Cascade Reaction for Green Cleaning of Polyamide Nanofiltration Membrane. ACS Applied Materials & Interfaces, 2022, 14, 12204-12213.	8.0	7
2	Drawing on Membrane Photocatalysis for Fouling Mitigation. ACS Applied Materials & Interfaces, 2021, 13, 14844-14865.	8.0	87
3	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
4	Targeted modification of polyamide nanofiltration membrane for efficient separation of monosaccharides and monovalent salt. Journal of Membrane Science, 2021, 628, 119250.	8.2	30
5	A robust dually charged membrane prepared via catechol-amine chemistry for highly efficient dye/salt separation. Journal of Membrane Science, 2021, 629, 119287.	8.2	44
6	Sharpening Nanofiltration: Strategies for Enhanced Membrane Selectivity. ACS Applied Materials & Interfaces, 2020, 12, 39948-39966.	8.0	242
7	Self-Cleaning Membranes: Visible-Light-Activated Photocatalytic Films toward Self-Cleaning Membranes (Adv. Funct. Mater. 34/2020). Advanced Functional Materials, 2020, 30, 2070230.	14.9	36
8	Visible-Light-Activated Photocatalytic Films toward Self-Cleaning Membranes. Advanced Functional Materials, 2020, 30, 2002847.	14.9	74
9	Enzymatic Cascade Catalysis in a Nanofiltration Membrane: Engineering the Microenvironment by Synergism of Separation and Reaction. ACS Applied Materials & Interfaces, 2019, 11, 22419-22428.	8.0	28
10	Biocatalytic Membrane Based on Polydopamine Coating: A Platform for Studying Immobilization Mechanisms. Langmuir, 2018, 34, 2585-2594.	3.5	73