

Huiru Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

635
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

599
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Sharpening Nanofiltration: Strategies for Enhanced Membrane Selectivity. ACS Applied Materials & Interfaces, 2020, 12, 39948-39966. | 8.0 | 242 |
| 2 | Drawing on Membrane Photocatalysis for Fouling Mitigation. ACS Applied Materials & Interfaces, 2021, 13, 14844-14865. | 8.0 | 87 |
| 3 | Visible-Light-Activated Photocatalytic Films toward Self-Cleaning Membranes. Advanced Functional Materials, 2020, 30, 2002847. | 14.9 | 74 |
| 4 | Biocatalytic Membrane Based on Polydopamine Coating: A Platform for Studying Immobilization Mechanisms. Langmuir, 2018, 34, 2585-2594. | 3.5 | 73 |
| 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 | 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 |
| 7 | Targeted modification of polyamide nanofiltration membrane for efficient separation of monosaccharides and monovalent salt. Journal of Membrane Science, 2021, 628, 119250. | 8.2 | 30 |
| 8 | 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 |
| 9 | 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 |
| 10 | Chemoenzymatic Cascade Reaction for Green Cleaning of Polyamide Nanofiltration Membrane. ACS Applied Materials & Interfaces, 2022, 14, 12204-12213. | 8.0 | 7 |