

Lianshan Li

List of Publications by Year in descending order

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14
papers

1,514
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2111
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. <i>Chemical Society Reviews</i> , 2019, 48, 488-516. | 38.1 | 564 |
| 2 | Microporous membranes comprising conjugated polymers with rigid backbones enable ultrafast organic-solvent nanofiltration. <i>Nature Chemistry</i> , 2018, 10, 961-967. | 13.6 | 295 |
| 3 | Membrane Separation in Organic Liquid: Technologies, Achievements, and Opportunities. <i>Advanced Materials</i> , 2019, 31, e1806090. | 21.0 | 178 |
| 4 | Advancing osmotic power generation by covalent organic framework monolayer. <i>Nature Nanotechnology</i> , 2022, 17, 622-628. | 31.5 | 113 |
| 5 | Controlling the Selectivity of Conjugated Microporous Polymer Membrane for Efficient Organic Solvent Nanofiltration. <i>Advanced Functional Materials</i> , 2019, 29, 1900134. | 14.9 | 76 |
| 6 | Mixed Nanosheet Membranes Assembled from Chemically Grafted Graphene Oxide and Covalent Organic Frameworks for Ultra-high Water Flux. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28978-28986. | 8.0 | 72 |
| 7 | Two-dimensional material membranes for critical separations. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2560-2581. | 6.0 | 65 |
| 8 | Olefin/paraffin separation through membranes: from mechanisms to critical materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23489-23511. | 10.3 | 63 |
| 9 | Photodriven Active Ion Transport Through a Janus Microporous Membrane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6244-6248. | 13.8 | 42 |
| 10 | Covalent organic framework membrane for size selective release of small molecules and peptide <i>in vitro</i> . <i>Journal of Materials Chemistry B</i> , 2020, 8, 7899-7903. | 5.8 | 13 |
| 11 | Sub-10 nm Polyamide Nanofiltration Membrane for Molecular Separation. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2341-2345. | 3.3 | 12 |
| 12 | Photodriven Active Ion Transport Through a Janus Microporous Membrane. <i>Angewandte Chemie</i> , 2020, 132, 6303-6307. | 2.0 | 8 |
| 13 | Light-Driven Active Ion Transport. <i>Chemistry - A European Journal</i> , 2020, 26, 13748-13753. | 3.3 | 7 |
| 14 | Conjugated microporous polymer Janus membrane for dye rejection from water. <i>Journal of Membrane Science</i> , 2022, 644, 120096. | 8.2 | 6 |