

# Junqiang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5613339/publications.pdf>

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9  
papers

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1163117  
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docs citations

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times ranked

347  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Formation of defect-free 6FDA-DAM asymmetric hollow fiber membranes for gas separations. Journal of Membrane Science, 2014, 459, 223-232.  | 8.2  | 60        |
| 2 | A new carbon molecular sieve for propylene/propane separations. Carbon, 2015, 85, 201-211.   | 10.3 | 52        |
| 3 | New carbon molecular sieves for propylene/propane separation with high working capacity and separation factor. Carbon, 2017, 123, 273-282.   | 10.3 | 37        |
| 4 | Surprising olefin/paraffin separation performance recovery of highly aged carbon molecular sieve hollow fiber membranes by a super-hyperaging treatment. Journal of Membrane Science, 2021, 620, 118701. | 8.2  | 32        |
| 5 | Membranes for olefin/paraffin separation: An industrial perspective. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .                                       | 7.1  | 32        |
| 6 | High throughput development of one carbon molecular sieve for many gas separations. Microporous and Mesoporous Materials, 2015, 206, 207-216.  | 4.4  | 21        |
| 7 | Subtle penetrant size effects on separation of carbon molecular sieve membranes derived from 6FDA:BPDA-DAM polyimide. Carbon, 2021, 184, 214-222.  | 10.3 | 15        |
| 8 | Carbon molecular sieve fiber with 3.4-4.9Å effective micropores for propylene/propane and other gas separations. Microporous and Mesoporous Materials, 2020, 305, 110341.                                | 4.4  | 11        |
| 9 | Self-standing permselective CMS membrane from melt extruded PVDC. Journal of Membrane Science, 2020, 615, 118554.  | 8.2  | 6         |