

Lloyd M Robeson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/882275/publications.pdf>

Version: 2024-02-01

10
papers

11,135
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

6846
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The upper bound revisited. <i>Journal of Membrane Science</i> , 2008, 320, 390-400. | 8.2 | 4,678 |
| 2 | Correlation of separation factor versus permeability for polymeric membranes. <i>Journal of Membrane Science</i> , 1991, 62, 165-185. | 8.2 | 2,934 |
| 3 | Maximizing the right stuff: The trade-off between membrane permeability and selectivity. <i>Science</i> , 2017, 356, . | 12.6 | 1,864 |
| 4 | Energy-efficient polymeric gas separation membranes for a sustainable future: A review. <i>Polymer</i> , 2013, 54, 4729-4761. | 3.8 | 1,144 |
| 5 | Comparison of transport properties of rubbery and glassy polymers and the relevance to the upper bound relationship. <i>Journal of Membrane Science</i> , 2015, 476, 421-431. | 8.2 | 153 |
| 6 | Polymer Blends in Membrane Transport Processes. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 11859-11865. | 3.7 | 104 |
| 7 | Analysis of the transport properties of thermally rearranged (TR) polymers and polymers of intrinsic microporosity (PIM) relative to upper bound performance. <i>Journal of Membrane Science</i> , 2017, 525, 18-24. | 8.2 | 80 |
| 8 | Environmental stress cracking: A review. <i>Polymer Engineering and Science</i> , 2013, 53, 453-467. | 3.1 | 68 |
| 9 | Historical Perspective of Advances in the Science and Technology of Polymer Blends. <i>Polymers</i> , 2014, 6, 1251-1265. | 4.5 | 63 |
| 10 | Upper bound relationship for proton exchange membranes: Empirical relationship and relevance of phase separated blends. <i>Journal of Membrane Science</i> , 2007, 302, 70-77. | 8.2 | 47 |