

# 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	Maximizing the right stuff: The trade-off between membrane permeability and selectivity. <i>Science</i> , 2017, 356, .	12.6	1,864
2	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
3	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
4	Historical Perspective of Advances in the Science and Technology of Polymer Blends. <i>Polymers</i> , 2014, 6, 1251-1265.	4.5	63
5	Energy-efficient polymeric gas separation membranes for a sustainable future: A review. <i>Polymer</i> , 2013, 54, 4729-4761.	3.8	1,144
6	Environmental stress cracking: A review. <i>Polymer Engineering and Science</i> , 2013, 53, 453-467.	3.1	68
7	Polymer Blends in Membrane Transport Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 11859-11865.	3.7	104
8	The upper bound revisited. <i>Journal of Membrane Science</i> , 2008, 320, 390-400.	8.2	4,678
9	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
10	Correlation of separation factor versus permeability for polymeric membranes. <i>Journal of Membrane Science</i> , 1991, 62, 165-185.	8.2	2,934