

# Wenwen Lei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10640273/publications.pdf>

Version: 2024-02-01

8

papers

97

citations

1478505

6

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

154

citing authors

#	ARTICLE	IF	CITATIONS
1	The physics of confined flow and its application to water leaks, water permeation and water nanoflows: a review. Reports on Progress in Physics, 2016, 79, 025901.	20.1	33
2	Enhanced Water Vapor Flow in Silica Microchannels: The Effect of Adsorbed Water on Tangential Momentum Accommodation. Journal of Physical Chemistry C, 2015, 119, 22072-22079.	3.1	17
3	Science of Water Leaks: Validated Theory for Moisture Flow in Microchannels and Nanochannels. Langmuir, 2015, 31, 11740-11747.	3.5	14
4	Nanoscale Capillary Flows in Alumina: Testing the Limits of Classical Theory. Journal of Physical Chemistry Letters, 2016, 7, 2647-2652.	4.6	13
5	Revisiting Maxwell's accommodation coefficient: A study of nitrogen flow in a silica microtube across all flow regimes. Annals of Physics, 2014, 351, 828-836.	2.8	8
6	Quantifying Moisture Penetration in Encapsulated Devices by Heavy Water Mass Spectrometry: A Standard Moisture Leak Using Poly(ether-ether-ketone). ACS Applied Materials & Interfaces, 2021, 13, 13666-13675.	8.0	7
7	Laser fabrication of electrical feedthroughs in polymer encapsulations for active implantable medical devices. Medical Engineering and Physics, 2017, 42, 105-110.	1.7	5
8	Enhanced water vapour flow in silica microchannels and interdiffusive water vapour flow through anodic aluminium oxide (AAO) membranes. Proceedings of SPIE, 2015, , .	0.8	0