

# Thomas Loimer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5001435/publications.pdf>

Version: 2024-02-01

13  
papers

59  
citations

1937685  
4  
h-index

1588992  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

20  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large mass flux differences for opposite flow directions of a condensable gas through an asymmetric porous membrane. <i>Journal of Membrane Science</i> , 2014, 470, 451-457.	8.2	15
2	The flow of butane and isobutane vapors near saturation through porous Vycor glass membranes. <i>Journal of Membrane Science</i> , 2011, 383, 104-115.	8.2	14
3	Linearized description of the non-isothermal flow of a saturated vapor through a micro-porous membrane. <i>Journal of Membrane Science</i> , 2007, 301, 107-117.	8.2	12
4	Consideration of the Joule-Thomson effect for the transport of vapor through anodic alumina membranes under conditions of capillary condensation. <i>Separation and Purification Technology</i> , 2019, 215, 548-556.	7.9	8
5	Influence of the flow direction on the mass transport of vapors through membranes consisting of several layers. <i>Experimental Thermal and Fluid Science</i> , 2015, 67, 2-5.	2.7	3
6	A Joule-Thomson process with condensation and evaporation. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2003, 3, 390-391.	0.2	2
7	Comparison of the Flow of Permanent and Condensable Gases through an Asymmetric Porous Membrane. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1779-1787.	0.8	2
8	The Effect of the Contact Angle on a Flow With Condensation and Evaporation Through a Microchannel. , 2008, , .		1
9	The curvature of an evaporating meniscus in a pressure driven flow through cylindrical pores. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900114.	0.2	1
10	Mass flow and momentum flux in nanoporous membranes in the transitional flow region. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17134-17141.	2.8	1
11	Linearized description of the flow of a vapor with condensation and evaporation through a micro-porous membrane. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2007, 7, 4100037-4100038.	0.2	0
12	Measurements on the flow of vapors near saturation through porous Vycor glass membranes. , 2012, , .		0
13	The flow of vapors through porous ceramic membranes consisting of several layers. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2014, 14, 685-686.	0.2	0