

# Vyas Srinivasan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1429790/publications.pdf>

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9  
papers

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1684188  
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docs citations

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70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface wettability of an atomically heterogeneous system and the resulting intermolecular forces. Europhysics Letters, 2017, 118, 68006.	2.0	19
2	Evaporation of an isolated liquid plug moving inside a capillary tube. International Journal of Heat and Mass Transfer, 2015, 89, 176-185.	4.8	14
3	Motion of an isolated liquid plug inside a capillary tube: effect of contact angle hysteresis. Experiments in Fluids, 2015, 56, 1.	2.4	13
4	Oscillation of an isolated liquid plug inside a dry capillary. Heat and Mass Transfer, 2017, 53, 3353-3362.	2.1	11
5	Thermo-hydrodynamic transport phenomena in partially wetting liquid plugs moving inside micro-channels. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 607-624.	1.3	6
6	Dynamic Evolution of an Evaporating Liquid Meniscus from Structured Screen Meshes. Transport in Porous Media, 2018, 121, 539-555.	2.6	4
7	Hydrodynamics of a completely wetting isolated liquid plug oscillating inside a square capillary tube. International Journal of Multiphase Flow, 2021, 135, 103534.	3.4	2
8	Experimental and Simulation Study on Motion of an Isolated Liquid Plug Inside a Dry Circular Capillary. , 2013, , .		1
9	MOTION OF AN ISOLATED LIQUID PLUG INSIDE A DRY CIRCULAR CAPILLARY. Heat Pipe Science and Technology an International Journal, 2014, 5, 79-86.	0.2	1