

# Aritra Ghosh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/605781/publications.pdf>

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8  
papers

978  
citations

1307594

7  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

1153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wettability patterning for high-rate, pumpless fluid transport on open, non-planar microfluidic platforms. Lab on A Chip, 2014, 14, 1538-1550.	6.0	300
2	Enhancing Dropwise Condensation through Bioinspired Wettability Patterning. Langmuir, 2014, 30, 13103-13115.	3.5	226
3	Self-Driven One-Step Oil Removal from Oil Spill on Water via Selective-Wettability Steel Mesh. ACS Applied Materials & Interfaces, 2014, 6, 19858-19865.	8.0	226
4	Key design and operating parameters for enhancing dropwise condensation through wettability patterning. International Journal of Heat and Mass Transfer, 2016, 92, 877-883.	4.8	126
5	Rapid, Self-driven Liquid Mixing on Open-Surface Microfluidic Platforms. Scientific Reports, 2017, 7, 1800.	3.3	53
6	Spatially-selective cooling by liquid jet impinging orthogonally on a wettability-patterned surface. International Journal of Heat and Mass Transfer, 2016, 95, 142-152.	4.8	36
7	Fluorinated Nanocomposite Coatings for Confinement and Pumpless Transport of Low- $\gamma$ Surface Tension Liquids. Advanced Materials Interfaces, 2019, 6, 1901105.	3.7	8
8	Apparent slip enhanced magnetohydrodynamic pump. , 2016, , .		3