

# Taeyang Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4278474/publications.pdf>

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7  
papers

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1684188

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1872680

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docs citations

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78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanograsped Zigzag Structures To Promote Coalescence-Induced Droplet Jumping. Langmuir, 2019, 35, 9093-9099.	3.5	33
2	Effects of wettability on droplet movement in a V-shaped groove. Scientific Reports, 2018, 8, 16013.	3.3	12
3	Evaporation-Induced Crystallization Method to Promote Coalescence-Induced Jumping on Superhydrophobic Surfaces. Langmuir, 2020, 36, 9843-9848.	3.5	11
4	Enhanced condensation on a biphilic-zigzag surface due to self-arrangement of crystals on a micro-structured surface. International Journal of Heat and Mass Transfer, 2021, 179, 121710.	4.8	8
5	Fast nucleation of water by self-arrangement of hydrophilic crystals on a hierarchically structured surface promoting coalescence-induced droplet jumping. Applied Thermal Engineering, 2021, 198, 117444.	6.0	5
6	Sustainable thin-film condensation with free surface flow through water film network. International Journal of Heat and Mass Transfer, 2022, 196, 123222.	4.8	3
7	Pixelated Microsized Quantum Dot Arrays Using Surface-Tension-Induced Flow. ACS Applied Materials & Interfaces, 2021, 13, 51718-51725.	8.0	0