

Karan Jakhar

List of Publications by Year in descending order

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5
papers

70
citations

1936888

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2053342

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Elucidating the Mechanism of Condensation-Mediated Degradation of Organofunctional Silane Self-Assembled Monolayer Coatings. ACS Applied Materials & Interfaces, 2021, 13, 34923-34934. | 4.0 | 30 |
| 2 | Unified Modeling Framework for Thin-Film Evaporation from Micropillar Arrays Capturing Local Interfacial Effects. Langmuir, 2019, 35, 12927-12935. | 1.6 | 16 |
| 3 | Spline Based Shape Prediction and Analysis of Uniformly Rotating Sessile and Pendant Droplets. Langmuir, 2017, 33, 5603-5612. | 1.6 | 10 |
| 4 | Unified framework for mapping shape and stability of pendant drops including the effect of contact angle hysteresis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 597, 124619. | 2.3 | 10 |
| 5 | Powder bed coating of bitumen with asphaltenes to obtain solid prills for midstream transportation. Fuel, 2021, 302, 121093. | 3.4 | 4 |