

Ilchung Park

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

354
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Experimental and computational investigation of vertical downflow condensation. International Journal of Heat and Mass Transfer, 2015, 85, 865-879. | 4.8 | 124 |
| 2 | Micro-channel evaporator for space applications " 1. Experimental pressure drop and heat transfer results for different orientations in earth gravity. International Journal of Heat and Mass Transfer, 2014, 77, 1213-1230. | 4.8 | 48 |
| 3 | Experimental and computational investigation of vertical upflow condensation in a circular tube. International Journal of Heat and Mass Transfer, 2016, 95, 249-263. | 4.8 | 36 |
| 4 | Experimental measurement and modeling of downflow condensation in a circular tube. International Journal of Heat and Mass Transfer, 2013, 57, 567-581. | 4.8 | 30 |
| 5 | Assessment of body force effects in flow condensation, part II: Criteria for negating influence of gravity. International Journal of Heat and Mass Transfer, 2017, 106, 313-328. | 4.8 | 27 |
| 6 | Determination of flow regimes and heat transfer coefficient for condensation in horizontal tubes. International Journal of Heat and Mass Transfer, 2015, 80, 698-716. | 4.8 | 25 |
| 7 | Climbing film, flooding and falling film behavior in upflow condensation in tubes. International Journal of Heat and Mass Transfer, 2013, 65, 44-61. | 4.8 | 19 |
| 8 | Experimental Investigation of Flow Condensation in Microgravity. Journal of Heat Transfer, 2014, 136, . | 2.1 | 17 |
| 9 | Assessment of body force effects in flow condensation, Part I: Experimental investigation of liquid film behavior for different orientations. International Journal of Heat and Mass Transfer, 2017, 106, 295-312. | 4.8 | 16 |
| 10 | Micro-channel evaporator for space applications " 2. Assessment of predictive tools. International Journal of Heat and Mass Transfer, 2014, 77, 1231-1249. | 4.8 | 10 |
| 11 | Statistical method for determining the onset of nucleate boiling under forced and natural convections in a rectangular channel. Annals of Nuclear Energy, 2021, 150, 107863. | 1.8 | 2 |
| 12 | Experimental Investigation of Flow Condensation in Microgravity. , 2013, , . | | 0 |