

Wu Di

List of Publications by Year in descending order

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11
papers

144
citations

1683354

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1473754

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11
all docs

11
docs citations

11
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of geometry and heating rate on thermocapillary convection in the liquid bridge. Journal of Fluid Mechanics, 2019, 881, 951-982.	1.4	37
2	The volume ratio effect on flow patterns and transition processes of thermocapillary convection. Journal of Fluid Mechanics, 2019, 868, 560-583.	1.4	24
3	Space experimental study on wave modes under instability of thermocapillary convection in liquid bridges on Tiangong-2. Physics of Fluids, 2020, 32, .	1.6	22
4	Ground experiment on the instability of buoyant-thermocapillary convection in large-scale liquid bridge with large Prandtl number. International Journal of Heat and Mass Transfer, 2017, 108, 2107-2119.	2.5	19
5	Surface configurations and wave patterns of thermocapillary convection onboard the SJ10 satellite. Physics of Fluids, 2019, 31, 044105.	1.6	19
6	A digital self-interference cancellation method for practical full-duplex radio. , 2014, , .		13
7	Wavenumber Selection by Bénard-Marangoni Convection at High Supercritical Number. Chinese Physics Letters, 2017, 34, 054702.	1.3	4
8	Machine learning method for the supplement, correction, and prediction of the nonlinear dynamics in pattern formation. Physics of Fluids, 2021, 33, 024110.	1.6	3
9	The Payload Development and the Experiments for Studying Thermocapillary Convection in TG-2 Liquid Bridge. Microgravity Science and Technology, 2021, 33, 1.	0.7	2
10	Defects of Bénard cell on a propagating front. Physics of Fluids, 2020, 32, 024107.	1.6	1
11	Study on Thermocapillary Convection in an Annular Liquid Pool. Research for Development, 2019, , 101-127.	0.2	0