

Florian Carle

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

256
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of convective transport to evaporation of sessile droplets: Empirical model. International Journal of Thermal Sciences, 2016, 101, 35-47.	4.9	112
2	Hydrothermal waves on ethanol droplets evaporating under terrestrial and reduced gravity levels. Journal of Fluid Mechanics, 2012, 712, 614-623.	3.4	50
3	How Surface Functional Groups Influence Fracturation in Nanofluid Droplet Dry-Outs. Langmuir, 2013, 29, 9962-9966.	3.5	34
4	3D unsteady computations of evaporative instabilities in a sessile drop of ethanol on a heated substrate. Applied Physics Letters, 2017, 111, .	3.3	23
5	Effective magnetic susceptibility of suspensions of ferromagnetic particles. Journal of Applied Physics, 2018, 124, .	2.5	19
6	Boundary conditions for a one-sided numerical model of evaporative instabilities in sessile drops of ethanol on heated substrates. Physical Review E, 2017, 96, 063113.	2.1	17
7	Droplets of Colloids. , 2015, , 279-294.		1