

Lyu Barash

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

135
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid flow structures in an evaporating sessile droplet depending on the droplet size and properties of liquid and substrate. <i>Journal of Physics: Conference Series</i> , 2021, 1730, 012029.	0.4	0
2	Applying droplets and films in evaporative lithography. <i>Advances in Colloid and Interface Science</i> , 2020, 285, 102271.	14.7	32
3	Marangoni convection in an evaporating droplet: Analytical and numerical descriptions. <i>International Journal of Heat and Mass Transfer</i> , 2016, 102, 445-454.	4.8	17
4	RNGAVXLIB: Program library for random number generation, AVX realization. <i>Computer Physics Communications</i> , 2016, 200, 402-405.	7.5	13
5	Dependence of fluid flows in an evaporating sessile droplet on the characteristics of the substrate. <i>International Journal of Heat and Mass Transfer</i> , 2015, 84, 419-426.	4.8	24
6	PRAND: GPU accelerated parallel random number generation library: Using most reliable algorithms and applying parallelism of modern GPUs and CPUs. <i>Computer Physics Communications</i> , 2014, 185, 1343-1353.	7.5	24
7	RNGSSELIB: Program library for random number generation. More generators, parallel streams of random numbers and Fortran compatibility. <i>Computer Physics Communications</i> , 2013, 184, 2367-2369.	7.5	11
8	RNGSSELIB: Program library for random number generation, SSE2 realization. <i>Computer Physics Communications</i> , 2011, 182, 1518-1527.	7.5	14