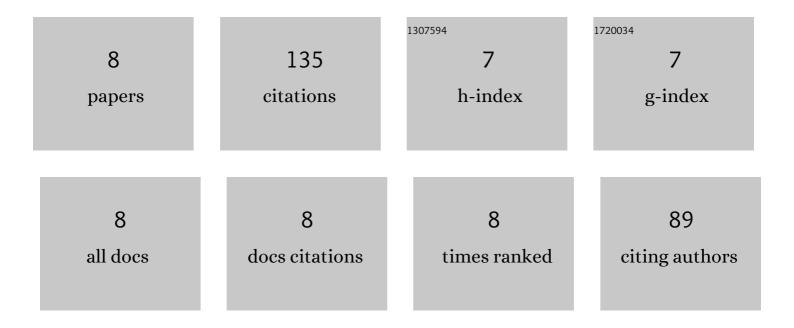
Lyu Barash

List of Publications by Year in descending order

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Ινιι Βλρλςμ

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