

# Lyu Barash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11689880/publications.pdf>

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	Applying droplets and films in evaporative lithography. <i>Advances in Colloid and Interface Science</i> , 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. <i>Computer Physics Communications</i> , 2014, 185, 1343-1353.	7.5	24
3	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
4	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
5	RNGSSELIB: Program library for random number generation, SSE2 realization. <i>Computer Physics Communications</i> , 2011, 182, 1518-1527.	7.5	14
6	RNGAVXLIB: Program library for random number generation, AVX realization. <i>Computer Physics Communications</i> , 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. <i>Computer Physics Communications</i> , 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. <i>Journal of Physics: Conference Series</i> , 2021, 1730, 012029.	0.4	0