

Galiya Z Lotova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

39
citations

3
h-index

6
g-index

15
ext. papers

45
ext. citations

1
avg, IF

1.7
L-index

#	Paper	IF	Citations
13	The study of time dependence of particle flux with multiplication in a random medium. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2020 , 35, 11-20	1.4	1
12	Monte Carlo Algorithms for Estimating Time Asymptotics of Multiplication Particle Flow in a Random Medium. <i>Doklady Mathematics</i> , 2020 , 101, 40-42	0.7	2
11	Numerically statistical investigation of the partly super-exponential growth rate in the COVID-19 pandemic (throughout the world). <i>Journal of Inverse and Ill-Posed Problems</i> , 2020 , 28, 877-879	1.3	
10	New Monte Carlo Algorithms for Estimating Probability Moments of Criticality Parameters for a Scattering Process with Multiplication in Stochastic Media. <i>Doklady Mathematics</i> , 2018 , 97, 6-10	0.7	
9	Monte Carlo Methods for Estimating the Probability Distributions of Criticality Parameters of Particle Transport in a Randomly Perturbed Medium. <i>Computational Mathematics and Mathematical Physics</i> , 2018 , 58, 1828-1837	0.9	2
8	Monte Carlo algorithms for calculation of diffusive characteristics of an electron avalanche in gases. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2016 , 31,	1.4	2
7	Investigation and improvement of biased Monte Carlo estimates. <i>Computational Mathematics and Mathematical Physics</i> , 2015 , 55, 8-18	0.9	1
6	On the choice of the time step and the probability of collision in numerical statistical modeling of particle transfer with an acceleration by an external force field. <i>Doklady Mathematics</i> , 2014 , 90, 642-645 ^{0.7}		
5	Natural noise and external wakefield seeding in a proton-driven plasma accelerator. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013 , 16,		19
4	A numerical-statistical estimate for a particle flux with finite variance. <i>Doklady Mathematics</i> , 2012 , 86, 743-746	0.7	3
3	Modification of the "double local estimate" of the Monte Carlo method in radiation transfer theory. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2011 , 26,	1.4	4
2	Moments of the critical parameters of the transport of particles in a random medium. <i>Computational Mathematics and Mathematical Physics</i> , 2008 , 48, 2254-2265	0.9	5
1	On Some Weight Monte Carlo Methods for Investigating the Asymptotical Behavior of Solution of the Transfer Equation. <i>Lecture Notes in Computer Science</i> , 2003 , 117-122	0.9	