Galiya Z Lotova

List of Publications by Citations

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