

Sergey A Ukhinov

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.

23
papers

55
citations

4
h-index

6
g-index

29
ext. papers

68
ext. citations

1.1
avg, IF

1.61
L-index

#	Paper	IF	Citations
23	A new kernel-projective statistical estimator in the Monte Carlo method. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2020 , 35, 341-353	1.4	
22	New Statistical Kernel-Projection Estimator in the Monte Carlo Method. <i>Doklady Mathematics</i> , 2020 , 102, 313-317	0.7	
21	A new Monte Carlo method for estimation of time asymptotic parameters of polarized radiation. <i>Mathematics and Computers in Simulation</i> , 2019 , 161, 84-92	3.3	1
20	Two-dimensional projection Monte Carlo estimators for the study of angular characteristics of polarized radiation. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2018 , 33, 187-197	1.4	0
19	On the evaluation of spatial-angular distributions of polarization characteristics of scattered radiation. <i>Statistical Papers</i> , 2018 , 59, 1541-1557	1	1
18	New Monte Carlo Algorithm for Evaluation of Outgoing Polarized Radiation. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018 , 115-125	0.2	
17	Randomized projection method for estimating angular distributions of polarized radiation based on numerical statistical modeling. <i>Computational Mathematics and Mathematical Physics</i> , 2016 , 56, 1540-1550	0.9	11
16	A new Monte Carlo algorithm for estimating the angular distribution of scattered polarized radiation based on orthogonal expansion. <i>Doklady Mathematics</i> , 2015 , 92, 572-576	0.7	2
15	Mathematical Problems of Statistical Simulation of the Polarized Radiation Transfer. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014 , 383-391	0.2	
14	Dual representation of the mean square of the Monte Carlo vector estimator. <i>Doklady Mathematics</i> , 2011 , 83, 386-388	0.7	4
13	Convergence of Monte Carlo algorithms for reconstructing the scattering phase function with polarization. <i>Numerical Analysis and Applications</i> , 2011 , 4, 81-92	0.6	1
12	Monte carlo estimate of backscattering noise asymptotics parameters with allowance for polarization. <i>Atmospheric and Oceanic Optics</i> , 2011 , 24, 109-118	0.8	2
11	Monte Carlo algorithms for reconstruction of the scattering indicatrix adjusted for polarization. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2009 , 24,	1.4	1
10	The Monte Carlo method and analytic averaging for estimation of parameters of polarized radiation asymptotics. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2008 , 23,	1.4	3
9	Monte Carlo algorithms for reconstructing the scattering phase function with allowance for polarization. <i>Doklady Mathematics</i> , 2008 , 78, 839-842	0.7	
8	Monte Carlo study of time asymptotics of the polarized radiation intensity. <i>Computational Mathematics and Mathematical Physics</i> , 2007 , 47, 1213-1223	0.9	2
7	A study of the asymptotic behavior of the intensity of a polarized radiation by the Monte Carlo method. <i>Doklady Mathematics</i> , 2007 , 75, 431-435	0.7	1

6	Time asymptotics of the intensity of polarized radiation. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 2007 , 22,	1.4	2
5	Variance of a standard vector Monte Carlo estimate in the theory of polarized radiative transfer. <i>Computational Mathematics and Mathematical Physics</i> , 2006 , 46, 2006-2019	0.9	11
4	Non-stationary transport of neutral atoms in the Heliosphere. <i>COSPAR Colloquia Series</i> , 2001 , 121-124		1
3	Monte Carlo method of calculating the derivatives of polarized radiation. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 1998 , 13,	1.4	2
2	Local estimates in Monte Carlo method for the ocean-atmosphere system with a random interface. <i>Russian Journal of Numerical Analysis and Mathematical Modelling</i> , 1994 , 9,	1.4	2
1	OZAFS space experiment for observing the fine structure of the ozone and aerosol distribution in the atmosphere. <i>Advances in Space Research</i> , 1992 , 12, 157-160	2.4	7