

Oleksii Yu Sliusarenko

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

237
citations

1307594

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1474206

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all docs

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docs citations

10
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Editors' Choiceâ€”Reviewâ€”Nanostructured Electrodes as Random Arrays of Active Sites: Modeling and Theoretical Characterization. <i>Journal of the Electrochemical Society</i> , 2020, 167, 013530.	2.9	6
2	Reduced description method in the kinetic theory of Brownian motion with active fluctuations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 445001.	2.1	0
3	Finite-energy Lévy-type motion through heterogeneous ensemble of Brownian particles. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 095601.	2.1	13
4	Centre-of-Mass Like Superposition of Ornsteinâ€”Uhlenbeck Processes: A Pathway to Non-Autonomous Stochastic Differential Equations and to Fractional Diffusion. <i>Fractional Calculus and Applied Analysis</i> , 2018, 21, 1420-1435.	2.2	12
5	Langevin equation in complex media and anomalous diffusion. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180282.	3.4	31
6	Kinetic theory of weakly ionized dilute gas of hydrogen-like atoms of the first principles of quantum statistics and dispersion laws of eigenwaves. <i>Journal of Mathematical Physics</i> , 2017, 58, .	1.1	2
7	Validating a Central Approximation in Theories of Regular Electrode Electrochemical Arrays of Various Common Geometries. <i>Electroanalysis</i> , 2015, 27, 980-991.	2.9	29
8	Development and Validation of an Analytical Model for Predicting Chronoamperometric Responses of Random Arrays of Microâ€”and Nanodisk Electrodes. <i>ChemElectroChem</i> , 2015, 2, 1279-1291.	3.4	20
9	Kramers-like escape driven by fractional Gaussian noise. <i>Physical Review E</i> , 2010, 81, 041119.	2.1	52
10	Barrier crossing driven by Lévy noise: Universality and the role of noise intensity. <i>Physical Review E</i> , 2007, 75, 041101.	2.1	72