

# Oleksii Yu Sliusarenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7979099/publications.pdf>

Version: 2024-02-01

10  
papers

237  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

228  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Barrier crossing driven by Lévy noise: Universality and the role of noise intensity. <i>Physical Review E</i> , 2007, 75, 041101.  | 2.1 | 72        |
| 2  | Kramers-like escape driven by fractional Gaussian noise. <i>Physical Review E</i> , 2010, 81, 041119.  | 2.1 | 52        |
| 3  | Langevin equation in complex media and anomalous diffusion. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180282.  | 3.4 | 31        |
| 4  | 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        |
| 5  | Development and Validation of an Analytical Model for Predicting Chronoamperometric Responses of Random Arrays of Micro- and Nanodisk Electrodes. <i>ChemElectroChem</i> , 2015, 2, 1279-1291.                                       | 3.4 | 20        |
| 6  | 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        |
| 7  | Centre-of-Mass Like Superposition of Ornstein-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        |
| 8  | Editors' Choice "Review" 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         |
| 9  | 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         |
| 10 | 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         |