

# Sergey Denisov

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

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citations

933447

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940533

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docs citations

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times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming Lindblad Equations into Systems of Real-Valued Linear Equations: Performance Optimization and Parallelization of an Algorithm. <i>Entropy</i> , 2020, 22, 1133.	2.2	1
2	Infinite horizon billiards: Transport at the border between Gauss and Lévy universality classes. <i>Physical Review E</i> , 2019, 100, 042140.	2.1	12
3	Universal Spectra of Random Lindblad Operators. <i>Physical Review Letters</i> , 2019, 123, 140403.	7.8	56
4	Dispersion of particles in an infinite-horizon Lorentz gas. <i>Physical Review E</i> , 2018, 98, 010101.	2.1	12
5	Asymptotic Floquet states of a periodically driven spin-boson system in the nonperturbative coupling regime. <i>Physical Review E</i> , 2018, 98, 022111.	2.1	17
6	Limit theorems for Lévy walks in dimensions: rare and bulk fluctuations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 154002.	2.1	7
7	Asymptotic Floquet states of non-Markovian systems. <i>Physical Review A</i> , 2017, 96, .	2.5	10
8	Experimental control of transport resonances in a coherent quantum rocking ratchet. <i>Nature Communications</i> , 2016, 7, 10440.	12.8	41
9	Tunable transport with broken space-time symmetries. <i>Physics Reports</i> , 2014, 538, 77-120.	25.6	124
10	Non-Normalizable Densities in Strong Anomalous Diffusion: Beyond the Central Limit Theorem. <i>Physical Review Letters</i> , 2014, 112, 110601.	7.8	83
11	Tuning the Mobility of a Driven Bose-Einstein Condensate via Diabatic Floquet Bands. <i>Physical Review Letters</i> , 2013, 110, 135302.	7.8	21
12	Power spectrum of electronic heat current fluctuations. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 2355-2364.	1.5	9
13	Electronic heat transport across a molecular wire: Power spectrum of heat fluctuations. <i>Physical Review B</i> , 2011, 84, .	3.2	22
14	Quantum Machine Using Cold Atoms. <i>Journal of Computational and Theoretical Nanoscience</i> , 2010, 7, 2441-2447.	0.4	5
15	Transporting Cold Atoms in Optical Lattices with Ratchets: Mechanisms and Symmetries. <i>Springer Series in Optical Sciences</i> , 2010, , 181-194.	0.7	3
16	Optical ratchets with discrete cavity solitons. <i>Optics Letters</i> , 2006, 31, 1702.	3.3	39