

# Tetyana V Lapyeva

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

563  
citations

759233

12  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	The crossover from strong to weak chaos for nonlinear waves in disordered systems. Europhysics Letters, 2010, 91, 30001.	2.0	101
2	Universal Spectra of Random Lindblad Operators. Physical Review Letters, 2019, 123, 140403.	7.8	56
3	Nonlinear waves in disordered chains: Probing the limits of chaos and spreading. Physical Review E, 2011, 84, 016205.	2.1	53
4	Anderson Localization or Nonlinear Waves: A Matter of Probability. Physical Review Letters, 2011, 107, 240602.	7.8	44
5	Nonlinear lattice waves in heterogeneous media. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 493001.	2.1	44
6	Synthetic biology routes to bio-artificial intelligence. Essays in Biochemistry, 2016, 60, 381-391.	4.7	34
7	Subdiffusion of nonlinear waves in quasiperiodic potentials. New Journal of Physics, 2012, 14, 103036.	2.9	32
8	WAVE INTERACTIONS IN LOCALIZING MEDIA – A COIN WITH MANY FACES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2107-2124.	1.7	28
9	Subdiffusion of nonlinear waves in two-dimensional disordered lattices. Europhysics Letters, 2012, 98, 60002.	2.0	25
10	Localization in Open Quantum Systems. Physical Review Letters, 2017, 118, 070402.	7.8	24
11	Random generators of Markovian evolution: A quantum-classical transition by superdecoherence. Physical Review E, 2021, 104, 034118.	2.1	21
12	Quantum chaotic subdiffusion in random potentials. Physical Review B, 2014, 89, .	3.2	20
13	The weak-password problem: Chaos, criticality, and encrypted p-CAPTCHAs. Europhysics Letters, 2011, 95, 50007.	2.0	14
14	Calculating Floquet states of large quantum systems: A parallelization strategy and its cluster implementation. Computer Physics Communications, 2016, 201, 85-94.	7.5	11
15	Do nonlinear waves in random media follow nonlinear diffusion equations?. Physica D: Nonlinear Phenomena, 2013, 256-257, 1-6.	2.8	9
16	Quantum subdiffusion with two- and three-body interactions. European Physical Journal B, 2017, 90, 1.	1.5	8
17	Anderson attractors in active arrays. Scientific Reports, 2015, 5, 13263.	3.3	7
18	Spatiotemporal dynamics of distributed synthetic genetic circuits. Physica D: Nonlinear Phenomena, 2016, 318-319, 116-123.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Control of a single-particle localization in open quantum systems. Europhysics Letters, 2017, 119, 56001.	2.0	6
20	Quantum jumps on Anderson attractors. Physical Review B, 2018, 97, .	3.2	5
21	Synchronization in multiplex models of neuron-glial systems: Small-world topology and inhibitory coupling. Chaos, 2021, 31, 113111.	2.5	5
22	Localization attractors in active quasiperiodic arrays. JETP Letters, 2015, 102, 603-609.	1.4	3
23	Propagating large open quantum systems towards their asymptotic states: cluster implementation of the time-evolving block decimation scheme. Journal of Physics: Conference Series, 2019, 1392, 012061.	0.4	3
24	Resonant amplification of evanescent acoustic waves by a composite magnetic structure. Doklady Physics, 2009, 54, 118-120.	0.7	2
25	Localization and hybridization across an effective mobility edge in periodically driven speckle potentials. Europhysics Letters, 2017, 118, 47004.	2.0	2
26	FEW PARTICLE DIFFUSION IN LOCALIZING POTENTIALS: CHAOS AND REGULARITY. Izvestiya Vysshikh Uchebnykh Zavedeniy Prikladnaya Nelineynaya Dinamika, 2017, 25, 52-63.	0.2	0