

# Tetyana V Lapyeva

## List of Publications by Year in descending order

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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	Random generators of Markovian evolution: A quantum-classical transition by superdecoherence. <i>Physical Review E</i> , 2021, 104, 034118.	2.1	21
2	Synchronization in multiplex models of neuron-glial systems: Small-world topology and inhibitory coupling. <i>Chaos</i> , 2021, 31, 113111.	2.5	5
3	Universal Spectra of Random Lindblad Operators. <i>Physical Review Letters</i> , 2019, 123, 140403.	7.8	56
4	Propagating large open quantum systems towards their asymptotic states: cluster implementation of the time-evolving block decimation scheme. <i>Journal of Physics: Conference Series</i> , 2019, 1392, 012061.	0.4	3
5	Quantum jumps on Anderson attractors. <i>Physical Review B</i> , 2018, 97, .	3.2	5
6	Localization in Open Quantum Systems. <i>Physical Review Letters</i> , 2017, 118, 070402.	7.8	24
7	Quantum subdiffusion with two- and three-body interactions. <i>European Physical Journal B</i> , 2017, 90, 1.	1.5	8
8	Localization and hybridization across an effective mobility edge in periodically driven speckle potentials. <i>Europhysics Letters</i> , 2017, 118, 47004.	2.0	2
9	Control of a single-particle localization in open quantum systems. <i>Europhysics Letters</i> , 2017, 119, 56001.	2.0	6
10	FEW PARTICLE DIFFUSION IN LOCALIZING POTENTIALS: CHAOS AND REGULARITY. <i>Izvestiya Vysshikh Uchebnykh Zavedeniy Prikladnaya Nelineynaya Dinamika</i> , 2017, 25, 52-63.	0.2	0
11	Synthetic biology routes to bio-artificial intelligence. <i>Essays in Biochemistry</i> , 2016, 60, 381-391.	4.7	34
12	Calculating Floquet states of large quantum systems: A parallelization strategy and its cluster implementation. <i>Computer Physics Communications</i> , 2016, 201, 85-94.	7.5	11
13	Spatiotemporal dynamics of distributed synthetic genetic circuits. <i>Physica D: Nonlinear Phenomena</i> , 2016, 318-319, 116-123.	2.8	6
14	Anderson attractors in active arrays. <i>Scientific Reports</i> , 2015, 5, 13263.	3.3	7
15	Localization attractors in active quasiperiodic arrays. <i>JETP Letters</i> , 2015, 102, 603-609.	1.4	3
16	Nonlinear lattice waves in heterogeneous media. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 493001.	2.1	44
17	Quantum chaotic subdiffusion in random potentials. <i>Physical Review B</i> , 2014, 89, .	3.2	20
18	Do nonlinear waves in random media follow nonlinear diffusion equations?. <i>Physica D: Nonlinear Phenomena</i> , 2013, 256-257, 1-6.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Subdiffusion of nonlinear waves in two-dimensional disordered lattices. Europhysics Letters, 2012, 98, 60002.	2.0	25
20	Subdiffusion of nonlinear waves in quasiperiodic potentials. New Journal of Physics, 2012, 14, 103036.	2.9	32
21	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
22	Nonlinear waves in disordered chains: Probing the limits of chaos and spreading. Physical Review E, 2011, 84, 016205.	2.1	53
23	The weak-password problem: Chaos, criticality, and encrypted p-CAPTCHAs. Europhysics Letters, 2011, 95, 50007.	2.0	14
24	Anderson Localization or Nonlinear Waves: A Matter of Probability. Physical Review Letters, 2011, 107, 240602.	7.8	44
25	The crossover from strong to weak chaos for nonlinear waves in disordered systems. Europhysics Letters, 2010, 91, 30001.	2.0	101
26	Resonant amplification of evanescent acoustic waves by a composite magnetic structure. Doklady Physics, 2009, 54, 118-120.	0.7	2