

# Leonid Manevitch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11933820/publications.pdf>

Version: 2024-02-01

11  
papers

228  
citations

1478505

6  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	New approach to beating phenomenon in coupled nonlinear oscillatory chains. Archive of Applied Mechanics, 2007, 77, 301-312.	2.2	118
2	Transitions from Strongly to Weakly Nonlinear Motions of Damped Nonlinear Oscillators. Nonlinear Dynamics, 1999, 20, 99-114.	5.2	47
3	Nonlinear energy transfer in classical and quantum systems. Physical Review E, 2013, 87, 022904.	2.1	17
4	Nonconventional synchronization and energy localization in weakly coupled autogenerators. Physical Review E, 2016, 94, 032223.	2.1	17
5	Intense energy transfer and superharmonic resonance in a system of two coupled oscillators. Physical Review E, 2010, 81, 056215.	2.1	16
6	Stationary and non-stationary oscillatory dynamics of the parametric pendulum. Communications in Nonlinear Science and Numerical Simulation, 2019, 76, 1-11.	3.3	9
7	Nonstationary dynamics of the sine lattice consisting of three pendula (trimer). Physical Review E, 2019, 99, 012209.	2.1	3
8	Analytical Study of Discrete Optical Breathers in Spiral Polymer Chain. Macromolecular Theory and Simulations, 2012, 21, 516-528.	1.4	1
9	Non-Linear Dynamics of Coupled Oscillatory Chains. Systems Analysis Modelling Simulation, 2003, 43, 333-342.	0.1	0
10	Beats in the system of three non-linear oscillators and their quantum analog. Communications in Nonlinear Science and Numerical Simulation, 2019, 74, 138-146.	3.3	0
11	Coupled Schrödinger equations as a model of interchain torsional excitation transport in the DNA model. Physica Scripta, 0, , .	2.5	0