

# Andrei V Bukh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4687221/publications.pdf>

Version: 2024-02-01

16  
papers

285  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	New type of chimera and mutual synchronization of spatiotemporal structures in two coupled ensembles of nonlocally interacting chaotic maps. <i>Chaos</i> , 2017, 27, 111102.	2.5	56
2	New type of chimera structures in a ring of bistable FitzHugh-Nagumo oscillators with nonlocal interaction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1398-1404.	2.1	51
3	Chimera states in ensembles of bistable elements with regular and chaotic dynamics. <i>Nonlinear Dynamics</i> , 2017, 90, 2317-2330.	5.2	32
4	Double-well chimeras in 2D lattice of chaotic bistable elements. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 54, 50-61.	3.3	27
5	Synchronization of spiral wave patterns in two-layer 2D lattices of nonlocally coupled discrete oscillators. <i>Chaos</i> , 2019, 29, 053105.	2.5	23
6	Spiral wave patterns in a two-dimensional lattice of nonlocally coupled maps modeling neural activity. <i>Chaos, Solitons and Fractals</i> , 2019, 120, 75-82.	5.1	19
7	Stability and Noise-induced Transitions in an Ensemble of Nonlocally Coupled Chaotic Maps. <i>Regular and Chaotic Dynamics</i> , 2018, 23, 325-338.	0.8	17
8	Spiral and target wave chimeras in a 2D lattice of map-based neuron models. <i>Chaos</i> , 2019, 29, 101104.	2.5	14
9	Stationary and non-stationary chimeras in an ensemble of chaotic self-sustained oscillators with inertial nonlinearity. <i>Nonlinear Dynamics</i> , 2017, 88, 2983-2992.	5.2	13
10	Quantifying the Transition from Spiral Waves to Spiral Wave Chimeras in a Lattice of Self-sustained Oscillators. <i>Regular and Chaotic Dynamics</i> , 2020, 25, 597-615.	0.8	10
11	Local sensitivity of spatiotemporal structures. <i>Nonlinear Dynamics</i> , 2018, 94, 1019-1027.	5.2	9
12	Spiral, Target, and Chimera Wave Structures in a Two-Dimensional Ensemble of Nonlocally Coupled van der Pol Oscillators. <i>Technical Physics Letters</i> , 2019, 45, 675-678.	0.7	9
13	Spiral and target wave chimeras in a 2D network of nonlocally coupled van der Pol oscillators. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109492.	5.1	4
14	Synchronization Effects in a Two-Layer Network of Nonlocally Coupled Chaotic Maps with Dissipative and Inertial Intercoupling. <i>Izvestiya of Saratov University, New Series: Physics</i> , 2020, 20, 42-54.	0.1	1
15	Spiral Wave Patterns in Two-Layer 2D Lattices of Nonlocally Coupled Discrete Oscillators. Synchronization of Spiral Wave Chimeras. <i>Izvestiya of Saratov University, New Series: Physics</i> , 2019, 19, 166-177.	0.1	0
16	Reflecting, Nonlocal, and Diagonal Coupling Topologies in Networks of the Coupled Dynamics Elements with Various Nature. <i>Izvestiya of Saratov University, New Series: Physics</i> , 2020, 20, 16-28.	0.1	0