

# Andrei V Bukh

## List of Publications by Year in descending order

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