

# Andrey Makarenko

## List of Publications by Year in descending order

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18  
papers

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citations

2258059

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docs citations

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times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning algorithms for signal recognition in long perimeter monitoring distributed fiber optic sensors. , 2016, , .		23
2	Structure of synchronized chaos studied by symbolic analysis in velocity-curvature space. Technical Physics Letters, 2012, 38, 155-159.	0.7	6
3	Estimation of the TQ-complexity of chaotic sequences. IFAC-PapersOnLine, 2015, 48, 1049-1055.	0.9	5
4	Multidimensional dynamic processes studied by symbolic analysis in velocity-curvature space. Computational Mathematics and Mathematical Physics, 2012, 52, 1017-1028.	0.8	4
5	Measure of synchronism of multidimensional chaotic sequences based on their symbolic representation in a T-alphabet. Technical Physics Letters, 2012, 38, 804-808.	0.7	3
6	Analysis of the time structure of synchronization in multidimensional chaotic systems. Journal of Experimental and Theoretical Physics, 2015, 120, 912-921.	0.9	3
7	Recursive tangential-angular operator as analyzer of synchronized chaos. Technical Physics Letters, 2011, 37, 784-788.	0.7	2
8	Method of differentiated analysis of IR thermal maps of the exposed cerebral cortex when neurosurgical operations are being performed. Journal of Optical Technology (A Translation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457	0.7	2
9	TQ-bifurcations in discrete dynamical systems: Analysis of qualitative rearrangements of the oscillation mode. Journal of Experimental and Theoretical Physics, 2016, 123, 666-676.	0.9	2
10	CONVOLUTIONAL NEURAL NETWORKS FOR NOISE SIGNAL RECOGNITION. , 2018, , .		2
11	Architectural solutions of conformal network-centric staring-sensor systems with spherical field of view. Proceedings of SPIE, 2011, , .	0.8	1
12	Analysis methods for the terminological structure of a subject area. Automation and Remote Control, 2014, 75, 2231-2247.	0.8	1
13	Parameters of the thermal patterns of the exposed cortex from the results of IR thermal mapping when tumors are being removed from the human brain. Journal of Optical Technology (A Translation) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 457	0.7	1
14	Analysis of phase synchronization of chaotic oscillations in terms of symbolic CTQ-analysis. Technical Physics, 2016, 61, 265-273.	0.7	1
15	Deep learning algorithms for estimating Lyapunov exponents from observed time series in discrete dynamic systems. , 2018, , .		1
16	The synergy effect in the natural technologies of an organism. Automation and Remote Control, 2014, 75, 351-359.	0.8	0
17	The Study of Discrete Mappings in TQ-Space. Basic principles. Journal of Mathematical Sciences, 2016, 219, 190-202.	0.4	0
18	Metritzation of the T-Alphabet: Measuring the Distance between Multidimensional Real Discrete Sequences. Automation and Remote Control, 2019, 80, 138-149.	0.8	0