

Maciej Ogorzalek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8767234/publications.pdf>

Version: 2024-02-01

39
papers

243
citations

1162367

8
h-index

1058022

14
g-index

40
all docs

40
docs citations

40
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	MONOTONE SYNCHRONIZATION OF CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 211-217.	0.7	81
2	Time series prediction with ensemble models applied to the CATS benchmark. Neurocomputing, 2007, 70, 2371-2378.	3.5	23
3	Detecting correlation in stock market. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 308-311.	1.2	15
4	A Memristive Switching Uncertainty Model. IEEE Transactions on Electron Devices, 2019, 66, 2946-2953.	1.6	14
5	OBSERVATIONS OF PHASE SYNCHRONIZATION PHENOMENA IN ONE-DIMENSIONAL ARRAYS OF COUPLED CHAOTIC ELECTRONIC CIRCUITS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 2391-2398.	0.7	12
6	Harvesting Entropy for Random Number Generation for Internet of Things Constrained Devices Using On-Board Sensors. Sensors, 2015, 15, 26838-26865.	2.1	9
7	Computational Intelligence and Image Processing Methods for Applications in Skin Cancer Diagnosis. Communications in Computer and Information Science, 2010, , 3-20.	0.4	9
8	Stafflines Pattern Detection Using the Swarm Intelligence Algorithm. Lecture Notes in Computer Science, 2012, , 557-564.	1.0	9
9	Automatic Diagnosis of Melanoid Skin Lesions Using Machine Learning Methods. Lecture Notes in Computer Science, 2015, , 577-585.	1.0	8
10	CHAOS-BASED SIGNAL PROCESSING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 737-748.	0.7	7
11	Wavelet-based logistic discriminator of dermoscopy images. Expert Systems With Applications, 2021, 167, 113760.	4.4	6
12	Intelligent 3D layout design with shape grammars. , 2013, , .		5
13	Using shape grammars and extremal optimization in 3D IC layout design. Microelectronic Engineering, 2015, 148, 80-84.	1.1	5
14	Some observations on chaotic motion in single loop feedback systems. , 1986, , .		4
15	Semantic analysis of skin lesions using radial basis function neural networks. , 2010, , .		4
16	On optimal wavelet bases for classification of skin lesion images through ensemble learning. , 2014, , .		4
17	Resolution invariant wavelet features of melanoma studied by SVM classifiers. PLoS ONE, 2019, 14, e0211318.	1.1	4
18	Applying CNN to Cheminformatics. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
19	Extremal optimization approach to 3D design of integrated circuits layouts. , 2015, , .		3
20	Hypergraphs and extremal optimization in 3D integrated circuit design automation. Advanced Engineering Informatics, 2017, 33, 491-501.	4.0	3
21	“Memristors - Devices, Models, Circuits, Systems and Applications” International Journal of Circuit Theory and Applications, 2016, 44, 1478-1479.	1.3	2
22	On Optimal Wavelet Bases for Classification of Melanoma Images Through Ensemble Learning. Lecture Notes in Computer Science, 2016, , 655-666.	1.0	2
23	Studies of dynamics of memristor-based memory cells. , 2017, , .		2
24	Guest Editorial “ Special Issue on “Memristors: Devices, Models, Circuits, Systems, and Applications”™. International Journal of Circuit Theory and Applications, 2018, 46, 1-3.	1.3	2
25	Emergent Phenomena in Constrained 3D Layout Design. Lecture Notes in Computer Science, 2014, , 479-489.	1.0	2
26	Electronic Chaos Controllers“ From Theory to Applications. , 0, , 751-770.		1
27	New approach to block-level 3D IC layout design. , 2014, , .		1
28	Investigations of switching phenomena in Pt/HfO ₂ /Ti/Pt memristive devices. , 2017, , .		1
29	3D Integrated Circuits Layout Optimization Game. Lecture Notes in Computer Science, 2017, , 444-453.	1.0	1
30	Adaptive Iterative Improvement GP-based Methodology for HW/SW Co-synthesis of Embedded Systems. , 2017, , .		1
31	Design of Coupled Nonlinear Systems for Storage of Prescribed Binary Patterns. Nonlinear Dynamics, 2006, 44, 63-72.	2.7	0
32	Dear Circuits and Systems Magazine readers [From the Editor]. IEEE Circuits and Systems Magazine, 2007, 7, 4-4.	2.6	0
33	Editorial to the Special Issue on Computational Systems Biology. Proceedings of the IEEE, 2008, 96, 1249-1253.	16.4	0
34	Dear Magazine Readers [President's Message]. IEEE Circuits and Systems Magazine, 2008, 8, 6-6.	2.6	0
35	Dear Members of the Circuits and Systems Society [Past President's Message]. IEEE Circuits and Systems Magazine, 2009, 9, 6-6, 8.	2.6	0
36	Computational Classification of Melanocytic Skin Lesions. Lecture Notes in Computer Science, 2016, , 169-178.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Naive Bayes Learning of Dermoscopy Images. Lecture Notes in Computer Science, 2019, , 294-304.	1.0	0
38	Resolution Invariant Neural Classifiers for Dermoscopy Images of Melanoma. Lecture Notes in Computer Science, 2017, , 175-186.	1.0	0
39	A Parallel and Distributed Topological Approach to 3D IC Optimal Layout Design. Lecture Notes in Computer Science, 2020, , 668-678.	1.0	0