

Maciej Ogorzalek

List of Publications by Year in descending order

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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	Wavelet-based logistic discriminator of dermoscopy images. Expert Systems With Applications, 2021, 167, 113760.	4.4	6
2	A Parallel and Distributed Topological Approach to 3D IC Optimal Layout Design. Lecture Notes in Computer Science, 2020, , 668-678.	1.0	0
3	Naive Bayes Learning of Dermoscopy Images. Lecture Notes in Computer Science, 2019, , 294-304.	1.0	0
4	A Memristive Switching Uncertainty Model. IEEE Transactions on Electron Devices, 2019, 66, 2946-2953.	1.6	14
5	Resolution invariant wavelet features of melanoma studied by SVM classifiers. PLoS ONE, 2019, 14, e0211318.	1.1	4
6	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
7	Studies of dynamics of memristor-based memory cells. , 2017, , .		2
8	Hypergraphs and extremal optimization in 3D integrated circuit design automation. Advanced Engineering Informatics, 2017, 33, 491-501.	4.0	3
9	Investigations of switching phenomena in Pt/HfO ₂ /Ti/Pt memristive devices. , 2017, , .		1
10	Resolution Invariant Neural Classifiers for Dermoscopy Images of Melanoma. Lecture Notes in Computer Science, 2017, , 175-186.	1.0	0
11	3D Integrated Circuits Layout Optimization Game. Lecture Notes in Computer Science, 2017, , 444-453.	1.0	1
12	Adaptive Iterative Improvement GP-based Methodology for HW/SW Co-synthesis of Embedded Systems. , 2017, , .		1
13	"Memristors - Devices, Models, Circuits, Systems and Applications". International Journal of Circuit Theory and Applications, 2016, 44, 1478-1479.	1.3	2
14	On Optimal Wavelet Bases for Classification of Melanoma Images Through Ensemble Learning. Lecture Notes in Computer Science, 2016, , 655-666.	1.0	2
15	Computational Classification of Melanocytic Skin Lesions. Lecture Notes in Computer Science, 2016, , 169-178.	1.0	0
16	Harvesting Entropy for Random Number Generation for Internet of Things Constrained Devices Using On-Board Sensors. Sensors, 2015, 15, 26838-26865.	2.1	9
17	Automatic Diagnosis of Melanoid Skin Lesions Using Machine Learning Methods. Lecture Notes in Computer Science, 2015, , 577-585.	1.0	8
18	Extremal optimization approach to 3D design of integrated circuits layouts. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Using shape grammars and extremal optimization in 3D IC layout design. <i>Microelectronic Engineering</i> , 2015, 148, 80-84.	1.1	5
20	On optimal wavelet bases for classification of skin lesion images through ensemble learning. , 2014, , .		4
21	New approach to block-level 3D IC layout design. , 2014, , .		1
22	Emergent Phenomena in Constrained 3D Layout Design. <i>Lecture Notes in Computer Science</i> , 2014, , 479-489.	1.0	2
23	Intelligent 3D layout design with shape grammars. , 2013, , .		5
24	Stafflines Pattern Detection Using the Swarm Intelligence Algorithm. <i>Lecture Notes in Computer Science</i> , 2012, , 557-564.	1.0	9
25	Semantic analysis of skin lesions using radial basis function neural networks. , 2010, , .		4
26	Computational Intelligence and Image Processing Methods for Applications in Skin Cancer Diagnosis. <i>Communications in Computer and Information Science</i> , 2010, , 3-20.	0.4	9
27	Dear Members of the Circuits and Systems Society [Past President's Message]. <i>IEEE Circuits and Systems Magazine</i> , 2009, 9, 6-6, 8.	2.6	0
28	Editorial to the Special Issue on Computational Systems Biology. <i>Proceedings of the IEEE</i> , 2008, 96, 1249-1253.	16.4	0
29	Dear Magazine Readers [President's Message]. <i>IEEE Circuits and Systems Magazine</i> , 2008, 8, 6-6.	2.6	0
30	Applying CNN to Cheminformatics. , 2007, , .		3
31	Dear Circuits and Systems Magazine readers [From the Editor]. <i>IEEE Circuits and Systems Magazine</i> , 2007, 7, 4-4.	2.6	0
32	Time series prediction with ensemble models applied to the CATS benchmark. <i>Neurocomputing</i> , 2007, 70, 2371-2378.	3.5	23
33	Design of Coupled Nonlinear Systems for Storage of Prescribed Binary Patterns. <i>Nonlinear Dynamics</i> , 2006, 44, 63-72.	2.7	0
34	Detecting correlation in stock market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 344, 308-311.	1.2	15
35	OBSERVATIONS OF PHASE SYNCHRONIZATION PHENOMENA IN ONE-DIMENSIONAL ARRAYS OF COUPLED CHAOTIC ELECTRONIC CIRCUITS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2000, 10, 2391-2398.	0.7	12
36	CHAOS-BASED SIGNAL PROCESSING. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2000, 10, 737-748.	0.7	7

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37	MONOTONE SYNCHRONIZATION OF CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 211-217.	0.7	81
38	Some observations on chaotic motion in single loop feedback systems. , 1986, , .		4
39	Electronic Chaos Controllersâ€œ From Theory to Applications. , 0, , 751-770.		1