

Konstantinos Giannakis

List of Publications by Year in descending order

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181
citing authors

#	ARTICLE	IF	CITATIONS
1	A QUBO Model for the Traveling Salesman Problem with Time Windows. <i>Algorithms</i> , 2019, 12, 224.	1.2	50
2	Avoiding organelle mutational meltdown across eukaryotes with or without a germline bottleneck. <i>PLoS Biology</i> , 2021, 19, e3001153.	2.6	47
3	Dominant Strategies of Quantum Games on Quantum Periodic Automata. <i>Computation</i> , 2015, 3, 586-599.	1.0	26
4	Synchronization of data measurements in wireless sensor networks for IoT applications. <i>Ad Hoc Networks</i> , 2019, 89, 47-57.	3.4	26
5	Finite Automata Capturing Winning Sequences for All Possible Variants of the PQ Penny Flip Game. <i>Mathematics</i> , 2018, 6, 20.	1.1	23
6	Quantum Conditional Strategies and Automata for Prisonersâ€™ Dilemmata under the EWL Scheme. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2635.	1.3	16
7	Membrane automata for modeling biomolecular processes. <i>Natural Computing</i> , 2017, 16, 151-163.	1.8	14
8	Combinatorial GVNS (General Variable Neighborhood Search) Optimization for Dynamic Garbage Collection. <i>Algorithms</i> , 2018, 11, 38.	1.2	12
9	A disjoint frame topology-independent TDMA MAC policy for safety applications in vehicular networks. <i>Ad Hoc Networks</i> , 2018, 79, 43-52.	3.4	10
10	Impact of drone route geometry on information collection in wireless sensor networks. <i>Ad Hoc Networks</i> , 2020, 106, 102220.	3.4	10
11	Elements of Game Theory in a Bio-inspired Model of Computation. , 2019, , .		9
12	Initialization methods for the TSP with Time Windows using Variable Neighborhood Search. , 2015, , .		7
13	Probabilistic flooding coverage analysis for efficient information dissemination in wireless networks. <i>Computer Networks</i> , 2018, 140, 51-61.	3.2	7
14	Mitochondrial Fusion Through Membrane Automata. <i>Advances in Experimental Medicine and Biology</i> , 2015, 820, 163-172.	0.8	6
15	Multiple and replicated random walkers analysis for service discovery in fog computing IoT environments. <i>Ad Hoc Networks</i> , 2019, 93, 101893.	3.4	5
16	Corporate social responsibility in Greek higher educational institutions. <i>Corporate Governance and Organizational Behavior Review</i> , 2018, 2, 31-39.	0.5	5
17	User requirements for gamifying sports software. , 2013, , .		4
18	Distributed Construction of D-Hop Connected Dominating Sets for Wireless Sensor Networks. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	A Quantum-inspired optimization Heuristic for the Multiple Sequence Alignment Problem in Bio-computing. , 2019, , .		4
20	Constructing Virtual Backbones over Low-Cost Wireless Networks for Smart Tourism Services. , 2019, , .		4
21	Corporate social responsibility and small-medium sized enterprises: evidence from Greece. Journal of Governance and Regulation, 2018, 7, 40-48.	0.4	4
22	Querying Linked Data and Büchi Automata. , 2014, , .		3
23	The mechanism of splitting mitochondria in terms of membrane automata. , 2015, , .		3
24	Quantum automata for infinite periodic words. , 2015, , .		3
25	Associating ĩ%-automata to path queries on Webs of Linked Data. Engineering Applications of Artificial Intelligence, 2016, 51, 115-123.	4.3	3
26	Random Walker Coverage Analysis for Information Dissemination in Wireless Sensor Networks. Technologies, 2017, 5, 33.	3.0	3
27	Web Mining to Create Semantic Content: A Case Study for the Environment. International Federation for Information Processing, 2012, , 411-420.	0.4	3
28	Use of BÃ¼chi automata and randomness for the description of biological processes. International Journal of Scientific World, 2014, 3, 113.	3.0	2
29	QM Automata: A New Class of Restricted Quantum Membrane Automata. Advances in Experimental Medicine and Biology, 2017, 988, 193-204.	0.8	1
30	Random Walkers Coverage Experimentation and Evaluation in Low-Cost Wireless Home Networks. , 2019, , .		1
31	An Approach of Non-Linear Systems Through Fuzzy Control Based on Takagi-Sugeno Method. Advances in Experimental Medicine and Biology, 2017, 988, 113-126.	0.8	1
32	Particular Biomolecular Processes as Computing Paradigms. Advances in Experimental Medicine and Biology, 2020, 1194, 225-238.	0.8	1
33	A Quantum Cellular Automata Type Architecture with Quantum Teleportation for Quantum Computing. Entropy, 2019, 21, 1235.	1.1	0
34	Constructing Minimal Maintenance Virtual Backbones over Low-Cost Wireless Networks. , 2019, , .		0
35	Methods and Patterns for User-Friendly Quantum Programming. Advances in Experimental Medicine and Biology, 2017, 989, 201-210.	0.8	0