

Iztok Lebar Bajec

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9442296/publications.pdf>

Version: 2024-02-01

24
papers

504
citations

932766

10
h-index

794141

19
g-index

24
all docs

24
docs citations

24
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	The Aspect of Mobility and Connectivity While Assessing the Neighbourhood Sustainability. Academic Journal of Interdisciplinary Studies, 2021, 10, 37.	0.3	3
2	A hybrid model for simulating grazing herds in real time. Computer Animation and Virtual Worlds, 2020, 31, e1914.	0.7	1
3	Evolution of Collective Behaviour in an Artificial World Using Linguistic Fuzzy Rule-Based Systems. PLoS ONE, 2017, 12, e0168876.	1.1	8
4	A Balanced Mixture of Antagonistic Pressures Promotes the Evolution of Parallel Movement. Scientific Reports, 2016, 6, 39428.	1.6	5
5	Simulating predator attacks on schools: Evolving composite tactics. Ecological Modelling, 2015, 304, 22-33.	1.2	27
6	Simulated Predator Attacks on Flocks: A Comparison of Tactics. Artificial Life, 2014, 20, 343-359.	1.0	16
7	Solving the logistic problems with optimal resource assignment using fuzzy logic methods. Journal of Advanced Transportation, 2013, 47, 447-460.	0.9	1
8	Two-layer synchronized ternary quantum-dot cellular automata wire crossings. Nanoscale Research Letters, 2012, 7, 221.	3.1	15
9	The Key Elements of Logic Design in Ternary Quantum-Dot Cellular Automata. Lecture Notes in Computer Science, 2011, , 177-188.	1.0	8
10	The Ternary Quantum-dot Cellular Automata Memorizing Cell. , 2009, , .		9
11	Organized flight in birds. Animal Behaviour, 2009, 78, 777-789.	0.8	224
12	Quantum-Dot Cellular Automata Serial Comparator. , 2008, , .		15
13	Towards Multistate Nanocomputing: The Implementation of a Primitive Fuzzy Controller. , 2008, , .		0
14	Solving the Ternary Quantum-Dot Cellular Automata Logic Gate Problem by Means of Adiabatic Switching. Japanese Journal of Applied Physics, 2008, 47, 5000-5006.	0.8	19
15	Adiabatic pipelining: a key to ternary computing with quantum dots. Nanotechnology, 2008, 19, 495401.	1.3	18
16	Space complexity optimization for nano electronic devices based on evolutionary computation. , 2008, , .		0
17	The computational beauty of flocking: boids revisited. Mathematical and Computer Modelling of Dynamical Systems, 2007, 13, 331-347.	1.4	15
18	Towards automated cooking process. Food Research International, 2007, 40, 733-741.	2.9	1

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19	Quantum-dot Field Programmable Gate Array: enhanced routing. , 2006, , .		2
20	Towards the bottom-up concept: Extended quantum-dot cellular automata. Microelectronic Engineering, 2006, 83, 1826-1829.	1.1	25
21	The ternary quantum-dot cell and ternary logic. Nanotechnology, 2006, 17, 1937-1942.	1.3	42
22	Simulating flocks on the wing: the fuzzy approach. Journal of Theoretical Biology, 2005, 233, 199-220.	0.8	43
23	Virtual coronary cineangiography. Computers in Biology and Medicine, 2003, 33, 293-302.	3.9	2
24	Fuzzifying the Thoughts of Animats. Lecture Notes in Computer Science, 2003, , 195-202.	1.0	5