

Nadia Nedjah

List of Publications by Year in descending order

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240
papers

1,833
citations

393982

19
h-index

433756

31
g-index

269
all docs

269
docs citations

269
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel modular exponentiation using load balancing without precomputation. Journal of Computer and System Sciences, 2012, 78, 575-582.	0.9	78
2	Review of methodologies and tasks in swarm robotics towards standardization. Swarm and Evolutionary Computation, 2019, 50, 100565.	4.5	74
3	Modern development methods and tools for embedded reconfigurable systems: A survey. The Integration VLSI Journal, 2010, 43, 1-33.	1.3	73
4	Evolutionary multi-objective optimisation: a survey. International Journal of Bio-Inspired Computation, 2015, 7, 1.	0.6	68
5	Soft computing in big data intelligent transportation systems. Applied Soft Computing Journal, 2016, 38, 1099-1108.	4.1	64
6	Sentiment analysis using convolutional neural network with fastText embeddings. , 2017, , .		49
7	Distributed efficient localization in swarm robotic systems using swarm intelligence algorithms. Neurocomputing, 2016, 172, 322-336.	3.5	41
8	Dynamic MAC-based architecture of artificial neural networks suitable for hardware implementation on FPGAs. Neurocomputing, 2009, 72, 2171-2179.	3.5	34
9	Vehicle and Pedestrian Detection Algorithm Based on Lightweight YOLOv3-Promote and Semi-Precision Acceleration. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19760-19771.	4.7	34
10	A hardware accelerator for Particle Swarm Optimization. Applied Soft Computing Journal, 2014, 14, 347-356.	4.1	31
11	PSO-based Distributed Algorithm for Dynamic Task Allocation in a Robotic Swarm. Procedia Computer Science, 2015, 51, 326-335.	1.2	30
12	A deep increasing"decreasing-linear neural network for financial time series prediction. Neurocomputing, 2019, 347, 59-81.	3.5	30
13	Detection and classification of pulmonary nodules using deep learning and swarm intelligence. Multimedia Tools and Applications, 2020, 79, 15437-15465.	2.6	29
14	Customized computer-aided application mapping on NoC infrastructure using multi-objective optimization. Journal of Systems Architecture, 2011, 57, 79-94.	2.5	25
15	Efficient yet robust biometric iris matching on smart cards for data high security and privacy. Future Generation Computer Systems, 2017, 76, 18-32.	4.9	25
16	Smart defense against distributed Denial of service attack in IoT networks using supervised learning classifiers. Computers and Electrical Engineering, 2022, 98, 107726.	3.0	24
17	An efficient problem-independent hardware implementation of genetic algorithms. Neurocomputing, 2007, 71, 88-94.	3.5	23
18	Compact yet efficient hardware implementation of artificial neural networks with customized topology. Expert Systems With Applications, 2012, 39, 9191-9206.	4.4	23

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19	Sustainable maintenance of power transformers using computational intelligence. , 2022, 1, 100001.		23
20	Parallel GPU-based implementation of high dimension Particle Swarm Optimizations. , 2013, , .		22
21	Efficient Parallel Modular Exponentiation Algorithm. Lecture Notes in Computer Science, 2002, , 405-414.	1.0	21
22	Reconfigurable hardware for neural networks: binary versus stochastic. Neural Computing and Applications, 2007, 16, 249-255.	3.2	21
23	Towards Minimal Addition Chains Using Ant Colony Optimisation. Mathematical Modelling and Algorithms, 2006, 5, 525-543.	0.5	19
24	MODERN ARCHITECTURES FOR EMBEDDED RECONFIGURABLE SYSTEMS " A SURVEY. Journal of Circuits, Systems and Computers, 2009, 18, 209-254.	1.0	19
25	High-Performance Hardware of the Sliding-Window Method for Parallel Computation of Modular Exponentiations. International Journal of Parallel Programming, 2009, 37, 537-555.	1.1	19
26	Online phoneme recognition using multi-layer perceptron networks combined with recurrent non-linear autoregressive neural networks with exogenous inputs. Neurocomputing, 2017, 265, 78-90.	3.5	19
27	Enhancing big data security through integrating XSS scanner into fog nodes for SMEs gain. Technological Forecasting and Social Change, 2021, 168, 120754.	6.2	19
28	Designing substitution boxes for secure ciphers. International Journal of Innovative Computing and Applications, 2007, 1, 86.	0.2	18
29	Congestion-aware ant colony based routing algorithms for efficient application execution on Network-on-Chip platform. Expert Systems With Applications, 2013, 40, 6661-6673.	4.4	18
30	Simultaneous localization and mapping using swarm intelligence based methods. Expert Systems With Applications, 2020, 159, 113547.	4.4	18
31	High-performance SoC-based implementation of modular exponentiation using evolutionary addition chains for efficient cryptography. Applied Soft Computing Journal, 2011, 11, 4302-4311.	4.1	17
32	Preference-based multi-objective evolutionary algorithms for power-aware application mapping on NoC platforms. Expert Systems With Applications, 2012, 39, 2771-2782.	4.4	17
33	Efficient distributed algorithm of dynamic task assignment for swarm robotics. Neurocomputing, 2016, 172, 345-355.	3.5	17
34	Distributed and resilient localization algorithm for Swarm Robotic Systems. Applied Soft Computing Journal, 2017, 57, 738-750.	4.1	17
35	Distributed efficient localization in swarm robotics using Min"Max and Particle Swarm Optimization. Expert Systems With Applications, 2016, 50, 55-65.	4.4	16
36	A statistical approach to secure health care services from DDoS attacks during COVID-19 pandemic. Neural Computing and Applications, 2024, 36, 1-14.	3.2	16

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37	Efficient fingerprint matching on smart cards for high security and privacy in smart systems. Information Sciences, 2019, 479, 622-639.	4.0	15
38	Minimal Addition-Subtraction Chains Using Genetic Algorithms. Lecture Notes in Computer Science, 2002, , 303-313.	1.0	15
39	Power-aware multi-objective evolutionary optimisation for application mapping on network-on-chip platforms. International Journal of Electronics, 2010, 97, 1163-1179.	0.9	14
40	Massively parallel modular exponentiation method and its implementation in software and hardware for high-performance cryptographic systems. IET Computers and Digital Techniques, 2012, 6, 290-301.	0.9	14
41	Efficient Strategy for Collective Navigation Control in Swarm Robotics. Procedia Computer Science, 2016, 80, 814-823.	1.2	14
42	Inspiration-wise swarm intelligence meta-heuristics for continuous optimisation: a survey - part I. International Journal of Bio-Inspired Computation, 2020, 15, 207.	0.6	14
43	Customizable hardware design of fuzzy controllers applied to autonomous car driving. Expert Systems With Applications, 2014, 41, 7046-7060.	4.4	13
44	Migration selection of strategies for parallel genetic algorithms: implementation on networks on chips. International Journal of Electronics, 2010, 97, 1227-1240.	0.9	12
45	Visual data mining for crowd anomaly detection using artificial bacteria colony. Multimedia Tools and Applications, 2018, 77, 17755-17777.	2.6	12
46	IP assignment for efficient NoC-based system design using multi-objective particle swarm optimisation. International Journal of Bio-Inspired Computation, 2018, 12, 203.	0.6	12
47	Efficient automata-driven pattern-matching for equational programs. Software - Practice and Experience, 1999, 29, 793-813.	2.5	11
48	Parallel Implementations of the Cooperative Particle Swarm Optimization on Many-core and Multi-core Architectures. International Journal of Parallel Programming, 2016, 44, 1173-1199.	1.1	11
49	Sentiment analysis using convolutional neural network via word embeddings. Evolutionary Intelligence, 2022, 15, 2295-2319.	2.3	11
50	Minimal Addition Chain for Efficient Modular Exponentiation Using Genetic Algorithms. Lecture Notes in Computer Science, 2002, , 88-98.	1.0	11
51	An Efficient and Secure Identity-Based Signature System for Underwater Green Transport System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16161-16169.	4.7	11
52	Fast reconfigurable systolic hardware for modular multiplication and exponentiation. Journal of Systems Architecture, 2003, 49, 387-396.	2.5	10
53	Four Hardware Implementations for the M-ary Modular Exponentiation. , 2006, , .		10
54	Optimal IP Assignment for Efficient NoC-based System Implementation using NSGA-II and MicroGA. International Journal of Computational Intelligence Systems, 2009, 2, 115-123.	1.6	10

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55	Routing for applications in NoC using ACO-based algorithms. Applied Soft Computing Journal, 2013, 13, 2224-2231.	4.1	10
56	Wave algorithm applied to collective navigation of robotic swarms. Applied Soft Computing Journal, 2017, 57, 698-707.	4.1	10
57	Hardware Architecture for Genetic Algorithms. Lecture Notes in Computer Science, 2005, , 554-556.	1.0	10
58	Efficient Pre-processing for Large Window-Based Modular Exponentiation Using Genetic Algorithms. , 2003, , 625-635.		10
59	Swarm Grid: A Proposal for High Performance of Parallel Particle Swarm Optimization Using GPGPU. Lecture Notes in Computer Science, 2012, , 148-160.	1.0	10
60	Efficient mapping of an image processing application for a network-on-chip based implementation. International Journal of High Performance Systems Architecture, 2009, 2, 46.	0.2	9
61	A massively parallel pipelined reconfigurable design for M-PLN based neural networks for efficient image classification. Neurocomputing, 2016, 183, 39-55.	3.5	9
62	Optimal IP Assignment for Efficient NoC-based System Implementation using NSGA-II and MicroGA. International Journal of Computational Intelligence Systems, 2009, 2, 115.	1.6	9
63	Evolutionary Synthesis of Synchronous Finite State Machines. , 2006, , .		8
64	Parallel computation of modular exponentiation for fast cryptography. International Journal of High Performance Systems Architecture, 2007, 1, 44.	0.2	8
65	Gaussian Quantum-Behaved Particle Swarm Optimization Applied to Fuzzy PID Controller Design. Studies in Computational Intelligence, 2008, , 1-15.	0.7	8
66	GridRT: A Massively Parallel Architecture for Ray-Tracing Using Uniform Grids. , 2009, , .		8
67	Parallel co-processor for PSO. International Journal of High Performance Systems Architecture, 2011, 3, 233.	0.2	8
68	Adaptive incremental learning in neural networks. Neurocomputing, 2011, 74, 1783-1784.	3.5	8
69	Distributed strategy for robots recruitment in swarm-based systems. International Journal of Bio-Inspired Computation, 2016, 8, 99.	0.6	8
70	Communication optimization for efficient dynamic task allocation in swarm robotics. Applied Soft Computing Journal, 2021, 105, 107297.	4.1	8
71	Efficient and secure cryptographic systems based on addition chains: Hardware design vs. software/hardware co-design. The Integration VLSI Journal, 2007, 40, 36-44.	1.3	7
72	A HARDWARE/SOFTWARE CO-DESIGN VERSUS HARDWARE-ONLY IMPLEMENTATION OF MODULAR EXPONENTIATION USING THE SLIDING-WINDOW METHOD. Journal of Circuits, Systems and Computers, 2009, 18, 295-310.	1.0	7

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73	ANALOG HARDWARE IMPLEMENTATIONS OF ARTIFICIAL NEURAL NETWORKS. Journal of Circuits, Systems and Computers, 2011, 20, 349-373.	1.0	7
74	Particle, Dimension and Cooperation-Oriented PSO Parallelization Strategies for Efficient High-Dimension Problem Optimizations on Graphics Processing Units. Computer Journal, 2016, 59, 810-835.	1.5	7
75	Efficient biometric palm-print matching on smart-cards for high security and privacy. Multimedia Tools and Applications, 2017, 76, 22671-22701.	2.6	7
76	Efficient Hardware for Modular Exponentiation Using the Sliding-Window Method. , 2007, , .		6
77	Fast hardware for modular exponentiation with efficient exponent pre-processing. Journal of Systems Architecture, 2007, 53, 99-108.	2.5	6
78	Efficient Hardware for Modular Exponentiation using the Sliding-Window Method with Variable-Length Partitioning. , 2008, , .		6
79	A massively parallel hardware architecture for ray-tracing. International Journal of High Performance Systems Architecture, 2009, 2, 26.	0.2	6
80	Reconfigurable and adaptive computing. International Journal of Electronics, 2015, 102, 1-2.	0.9	6
81	Evolutionary-morphological learning machines for high-frequency financial time series prediction. Swarm and Evolutionary Computation, 2018, 42, 1-15.	4.5	6
82	Embedded implementation of template matching using correlation and particle swarm optimisation. International Journal of Bio-Inspired Computation, 2018, 11, 102.	0.6	6
83	A novel metaheuristic inspired by Hitchcock birdsâ€™ behavior for efficient optimization of large search spaces of high dimensionality. Soft Computing, 2020, 24, 5633-5655.	2.1	6
84	Improving Space, Time, and Termination in Rewriting-Based Programming. Lecture Notes in Computer Science, 2001, , 880-890.	1.0	6
85	Inspiration-wise swarm intelligence meta-heuristics for continuous optimisation: a survey - part II. International Journal of Bio-Inspired Computation, 2020, 16, 195.	0.6	6
86	A parallel architecture for Ray-Tracing. , 2010, , .		5
87	A massively parallel reconfigurable co-processor for computationally demanding Particle Swarm Optimization. , 2012, , .		5
88	Differential Evolution Approach Using Chaotic Sequences Applied to Planning of Mobile Robot in a Static Environment with Obstacles. Studies in Computational Intelligence, 2007, , 3-22.	0.7	5
89	UtilizaÃ§Ã£o de OtimizaÃ§Ã£o por Enxame de PartÃ­culas e Algoritmos GenÃ©ticos em Rastreamento de PadrÃµes. , 2015, , .		5
90	Minimal deterministic left-to-right pattern-matching automata. ACM SIGPLAN Notices, 1998, 33, 40-47.	0.2	4

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91	Dynamic Deterministic Pattern-Matching. Electronic Notes in Theoretical Computer Science, 2000, 31, 132-143.	0.9	4
92	A Compact Pipelined Hardware Implementation of the AES-128 Cipher. , 2006, , .		4
93	Optimal Application Mapping on NoC Infrastructure using NSGA-II and MicroGA. , 2009, , .		4
94	A Parallel Ray Tracing Architecture Suitable for Application-Specific Hardware and GPGPU Implementations. , 2011, , .		4
95	Efficient hardware implementation of Ray Tracing based on an embedded software for intersection computation. Journal of Systems Architecture, 2013, 59, 176-185.	2.5	4
96	Robust distributed spatial clustering for swarm robotic based systems. Applied Soft Computing Journal, 2017, 57, 727-737.	4.1	4
97	Resilient Hardware Design for Critical Systems. , 2019, , .		4
98	A Discrete Differential Evolution Approach with Local Search for Traveling Salesman Problems. Studies in Computational Intelligence, 2011, , 1-12.	0.7	3
99	Hardware Reuse in Modern Application-Specific Processors and Accelerators. , 2011, , .		3
100	Introduction to the special section on self-adaptive systems. ACM Transactions on Autonomous and Adaptive Systems, 2012, 7, 1-4.	0.4	3
101	An Efficient Parallel Yet Pipelined Reconfigurable Architecture for M-PLN Weightless Neural Networks. , 2014, , .		3
102	Efficient routing in network-on-chip for 3D topologies. International Journal of Electronics, 0, , 1-18.	0.9	3
103	Hardware for Soft Computing and Soft Computing for Hardware. Studies in Computational Intelligence, 2014, , .	0.7	3
104	Automatic complex instruction identification for efficient application mapping onto ASIPs. , 2014, , .		3
105	Genetic and backtracking search optimisation algorithms applied to localisation problems. International Journal of Innovative Computing and Applications, 2015, 6, 223.	0.2	3
106	Embedded Implementation of Template Matching Using Correlation and Particle Swarm Optimization. Lecture Notes in Computer Science, 2016, , 530-539.	1.0	3
107	A Parallel Yet Pipelined Architecture for Efficient Implementation of the Advanced Encryption Standard Algorithm on Reconfigurable Hardware. International Journal of Parallel Programming, 2016, 44, 1102-1117.	1.1	3
108	Co-design system for template matching using dedicated co-processor and particle swarm optimization. , 2017, , .		3

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109	Automatic generation of harmonious music using cellular automata based hardware design. The Integration VLSI Journal, 2018, 62, 205-223.	1.3	3
110	Co-design system for template matching using dedicated co-processor and modified elephant herding optimization. , 2018, , .		3
111	Hitchcock Birds Inspired Algorithm. Lecture Notes in Computer Science, 2018, , 169-180.	1.0	3
112	Efficient Application Mapping onto Three-Dimensional Network-on-Chips Using Multi-Objective Particle Swarm Optimization. Lecture Notes in Computer Science, 2019, , 654-670.	1.0	3
113	An efficient distributed approach for a <scp>self-healing</scp> smart grid using minimal spanning tree. International Journal of Energy Research, 2021, 45, 15049-15084.	2.2	3
114	Efficient Biometric Palm-Print Matching on Smart-Cards. Lecture Notes in Computer Science, 2014, , 236-247.	1.0	3
115	Distributed Efficient Node Localization in Wireless Sensor Networks Using the Backtracking Search Algorithm. Lecture Notes in Computer Science, 2014, , 794-808.	1.0	3
116	Wave Algorithm for Recruitment in Swarm Robotics. Lecture Notes in Computer Science, 2015, , 3-13.	1.0	3
117	Evolutionary State Assignment for Synchronous Finite State Machines. Lecture Notes in Computer Science, 2004, , 1289-1296.	1.0	3
118	Multiobjective Gaussian Particle Swarm Approach Applied to Multi-loop PI Controller Tuning of a Quadruple-Tank System. Studies in Computational Intelligence, 2010, , 1-16.	0.7	3
119	A Parallel Genetic Algorithm on a Multi-Processor System-on-Chip. Lecture Notes in Computer Science, 2010, , 164-172.	1.0	3
120	Static Packet Routing in NoC Platform Using ACO-Based Algorithms. Lecture Notes in Computer Science, 2012, , 84-91.	1.0	3
121	Application Mapping onto 3D NoCs Using Differential Evolution. Lecture Notes in Computer Science, 2020, , 89-102.	1.0	3
122	Efficient Hardware for Modular Exponentiation Using the Sliding-Window Method with Variable-Length Partitioning. , 2007, , .		2
123	Evolutionary Regular Substitution Boxes. Studies in Computational Intelligence, 2007, , 79-88.	0.7	2
124	Hybrid artificial neural network. Neural Computing and Applications, 2007, 16, 207-208.	3.2	2
125	Efficient hardware for modular exponentiation using the sliding-window method. International Journal of High Performance Systems Architecture, 2008, 1, 199.	0.2	2
126	A hardware architecture for subtractive clustering. International Journal of High Performance Systems Architecture, 2011, 3, 167.	0.2	2

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127	Static routing for applications mapped on NoC platform using ant colony algorithms. International Journal of High Performance Systems Architecture, 2012, 4, 57.	0.2	2
128	ACO approach in static routing for network-on-chips with 3D mesh topology. , 2013, , .		2
129	High-throughput cryptographic system using window-based modular exponentiation for secure communications. Telecommunication Systems, 2013, 54, 345-357.	1.6	2
130	A scalable parallel reconfigurable hardware architecture for DNA matching. The Integration VLSI Journal, 2013, 46, 240-246.	1.3	2
131	A Cooperative Parallel Particle Swarm Optimization for High-Dimension Problems on GPUs. , 2013, , .		2
132	Amdahl's and Hill-Marty laws revisited for FPGA-based MPSoCs: from theory to practice. International Journal of High Performance Systems Architecture, 2014, 5, 115.	0.2	2
133	Codem: software/hardware codesign for embedded multicore systems supporting hardware services. International Journal of Electronics, 2015, 102, 32-47.	0.9	2
134	Multi-hop Collaborative Min-Max localization. , 2015, , .		2
135	Online pattern recognition for Portuguese phonemes using Multi-layer Perceptron combined with recurrent non-linear autoregressive Neural Networks with exogenous inputs. , 2016, , .		2
136	A Fine-Grained Parallel Particle Swarm Optimization on Many-core and Multi-core Architectures. Lecture Notes in Computer Science, 2017, , 215-224.	1.0	2
137	Lung Nodule Diagnosis via Deep Learning and Swarm Intelligence. Lecture Notes in Computer Science, 2019, , 89-101.	1.0	2
138	Co-design System for Tracking Targets Using Template Matching. , 2019, , 227-246.		2
139	Improved publicly verifiable auditing protocol for cloud storage. Concurrency Computation Practice and Experience, 2021, 33, e6049.	1.4	2
140	Optimal Adaptive Pattern Matching. Lecture Notes in Computer Science, 2002, , 768-779.	1.0	2
141	Application Synthesis for MPSoCs Implementation Using Multiobjective Optimization. Lecture Notes in Computer Science, 2009, , 736-743.	1.0	2
142	ACO-Based Static Routing for Network-on-Chips. Lecture Notes in Computer Science, 2012, , 113-124.	1.0	2
143	Encodings and genetic operators for efficient evolutionary design of digital circuits. International Journal of Bio-Inspired Computation, 2017, 9, 197.	0.6	2
144	IP assignment for efficient NoC-based system design using multi-objective particle swarm optimisation. International Journal of Bio-Inspired Computation, 2018, 12, 203.	0.6	2

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145	Compact yet efficient hardware architecture for multilayer-perceptron neural networks. <i>Controle and Automacao</i> , 2011, 22, 647-663.	0.2	2
146	SLAM baseado em Scan-Matching com Otimiza�o por Enxame de Part�culas. , 0, , .		2
147	Reconfigurable MAC-Based Architecture for Parallel Hardware Implementation on FPGAs of Artificial Neural Networks. <i>Lecture Notes in Computer Science</i> , 2008, , 169-178.	1.0	2
148	Three Alternatives for Parallel GPU-Based Implementations of High Performance Particle Swarm Optimization. <i>Lecture Notes in Computer Science</i> , 2013, , 241-252.	1.0	2
149	Application Mapping in Network-on-Chip Using Evolutionary Multi-objective Optimization. <i>Studies in Computational Intelligence</i> , 2014, , 155-171.	0.7	2
150	Parallel Ray Tracing for Underwater Acoustic Predictions. <i>Lecture Notes in Computer Science</i> , 2017, , 43-55.	1.0	2
151	Deep convolutional neural network applied to <i>Trypanosoma cruzi</i> detection in blood samples. <i>International Journal of Bio-Inspired Computation</i> , 2022, 19, 1.	0.6	2
152	PATTERN MATCHING CODE MINIMIZATION IN REWRITING-BASED PROGRAMMING LANGUAGES. <i>International Journal of Foundations of Computer Science</i> , 2002, 13, 873-887.	0.8	1
153	Secure evolvable hardware for public-key cryptosystems. <i>New Generation Computing</i> , 2005, 23, 259-275.	2.5	1
154	Evolutionary Resilient Substitution Boxes for Secure Cryptography Using Nash equilibrium. , 2006, , .		1
155	Dedicated hardware architectures for intelligent systems. <i>Neurocomputing</i> , 2007, 71, 1-2.	3.5	1
156	Designing hardware for finite synchronous state machines using quantum inspired evolution. <i>International Journal of Innovative Computing and Applications</i> , 2008, 1, 252.	0.2	1
157	M-ary parallel modular exponentiation: Software vs. hardware. , 2010, , .		1
158	A parallel architecture for ray-tracing with an embedded intersection algorithm. , 2011, , .		1
159	An efficient parallel architecture for ray-tracing. <i>Analog Integrated Circuits and Signal Processing</i> , 2012, 70, 189-202.	0.9	1
160	Hardware reuse in modern application-specific processors and accelerators. <i>Microprocessors and Microsystems</i> , 2013, 37, 684-692.	1.8	1
161	Hardware implementation of subtractive clustering for radionuclide identification. <i>The Integration VLSI Journal</i> , 2013, 46, 220-229.	1.3	1
162	A scalable parallel reconfigurable hardware architecture for DNA matching. , 2013, , .		1

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163	Reconfigurable hardware for fuzzy controller. International Journal of High Performance Systems Architecture, 2013, 4, 144.	0.2	1
164	Services-oriented URL filtering and verification. International Journal of High Performance Systems Architecture, 2013, 4, 183.	0.2	1
165	A framework for automatic custom instruction identification on multi-issue ASIPs. , 2014, , .		1
166	Reconfigurable hardware architecture for music generation using cellular automata. , 2014, , .		1
167	Agrupamiento espacial eficiente en ζ ≥ 2 clases para robótica de enjambre. , 2014, , .		1
168	Efficient Spacial Clustering in Swarm Robotics. Lecture Notes in Computer Science, 2015, , 14-27.	1.0	1
169	Multi-hop Localization Method Based on Tribes Algorithm. Lecture Notes in Computer Science, 2016, , 156-170.	1.0	1
170	Hardware/software co-design system for template matching using Particle Swarm Optimization and Pearson's Correlation Coefficient. , 2016, , .		1
171	Crowd Anomaly Detection Based on Optical Flow, Artificial Bacteria Colony and Kohonen™s Neural Network. Lecture Notes in Computer Science, 2017, , 329-344.	1.0	1
172	Crowd abnormal detection using artificial bacteria colony and Kohonen's neural network. , 2017, , .		1
173	Core/Task Associations for Efficient Application Implementation on Network-on-Chip. , 2018, , .		1
174	Hardware/Software Co-design for Template Matching Using Cuckoo Search Optimization. Lecture Notes in Computer Science, 2018, , 16-21.	1.0	1
175	Efficient automata-driven pattern-matching for equational programs. , 1999, 29, 793.		1
176	Routing in Network-on-Chips Using Ant Colony Optimization. Studies in Computational Intelligence, 2014, , 173-198.	0.7	1
177	A Reconfigurable Hardware for Particle Swarm Optimization. Studies in Computational Intelligence, 2014, , 29-42.	0.7	1
178	A Comparison of Two Circuit Representations for Evolutionary Digital Circuit Design. Lecture Notes in Computer Science, 2004, , 594-604.	1.0	1
179	UMA HEURÃSTICA GERAL PARA COMPARAÇó DE SINAIS. , 0, , .		1
180	Tracking Patterns with Particle Swarm Optimization and Genetic Algorithms. International Journal of Swarm Intelligence Research, 2017, 8, 34-49.	0.5	1

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181	Logic Synthesis for FSMs Using Quantum Inspired Evolution. Lecture Notes in Computer Science, 2008, , 32-39.	1.0	1
182	Power-Aware Multi-objective Evolutionary Optimization for Application Mapping on NoC Platforms. Lecture Notes in Computer Science, 2010, , 143-152.	1.0	1
183	Automatic Adaptive Modeling of Fuzzy Systems Using Particle Swarm Optimization. Lecture Notes in Computer Science, 2010, , 71-84.	1.0	1
184	Co-Design System for Template Matching Using Dedicated Co-Processor and Cuckoo Search. International Journal of Swarm Intelligence Research, 2018, 9, 58-74.	0.5	1
185	Client profile prediction using convolutional neural networks for efficient recommendation systems in the context of smart factories. Enterprise Information Systems, 0, , 1-41.	3.3	1
186	Application-specific word embeddings for hate and offensive language detection. Multimedia Tools and Applications, 2022, 81, 27111-27136.	2.6	1
187	Complete Pattern Matching: Recursivity Versus Multi-threading. Lecture Notes in Computer Science, 2005, , 598-609.	1.0	0
188	More efficient left-to-right matching for overlapping pattern. Journal of Discrete Algorithms, 2005, 3, 230-247.	0.7	0
189	Genetically Programmed Pattern Matching for Overlapping Patterns. , 2006, , .		0
190	Two Alternative Hardware Implementations for the M-ary Modular Exponentiation Pre-Processing. , 2006, , .		0
191	Hardware Architecture for Booth-Barrett's Modular Multiplication. International Journal of Modelling and Simulation, 2006, 26, 183-189.	2.3	0
192	Complete Pattern Matching for DNA Computing. Journal of Information and Knowledge Management, 2006, 05, 337-343.	0.8	0
193	A System-on-Chip Implementation for Modular Exponentiation Using the Sliding-Window Method with Variable-Length Partitioning. , 2007, , .		0
194	SoC-based implementation for modular exponentiation using evolutionary addition chains. , 2007, , .		0
195	A Hardware/Software Co-design vs. Hardware Implementation of the Modular Exponentiation Using the Sliding-Window Method with Constant-Length Partitioning. , 2007, , .		0
196	Evolutionary IP assignment for efficient NoC-based system design using multi-objective optimization. , 2009, , .		0
197	A Massively Parallel Hardware for Modular Exponentiations Using the m-ary Method. Lecture Notes in Computer Science, 2010, , 156-165.	1.0	0
198	Special issue of International Journal of Electronics on evolutionary synthesis of network-on-chip-based systems. International Journal of Electronics, 2010, 97, 1137-1138.	0.9	0

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199	Quantum-inspired design of resilient substitution boxes: From coding to hardware implementation. Applied Soft Computing Journal, 2011, 11, 4312-4320.	4.1	0
200	EDITORIAL: DEDICATED HARDWARE FOR NEURAL AND FUZZY SYSTEMS. Journal of Circuits, Systems and Computers, 2011, 20, iii-iv.	1.0	0
201	HARDWARE IMPLEMENTATIONS OF MLP ARTIFICIAL NEURAL NETWORKS WITH CONFIGURABLE TOPOLOGY. Journal of Circuits, Systems and Computers, 2011, 20, 417-437.	1.0	0
202	Parallel processing of intersections for ray-tracing in application-specific processors and GPGPUs. Microprocessors and Microsystems, 2013, 37, 739-749.	1.8	0
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