

# Juan Antonio Gmez Pulido

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159 papers	1,052 citations	16 h-index	25 g-index
184 ext. papers	1,280 ext. citations	2.3 avg, IF	4.52 L-index

#	Paper	IF	Citations
159	Detecting skin in face recognition systems: A colour spaces study <b>2010</b> , 20, 806-823		115
158	A new methodology to implement the AES algorithm using partial and dynamic reconfiguration. <i>The Integration VLSI Journal</i> , <b>2010</b> , 43, 72-80	1.4	58
157	Analyzing and Predicting Students Performance by Means of Machine Learning: A Review. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1042	2.6	46
156	Analyzing the effects of binarization techniques when solving the set covering problem through swarm optimization. <i>Expert Systems With Applications</i> , <b>2017</b> , 70, 67-82	7.8	38
155	Assuming multiobjective metaheuristics to solve a three-objective optimisation problem for Relay Node deployment in Wireless Sensor Networks. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 30, 675-687	7.5	36
154	Differential evolution for solving the mobile location management. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 410-427	7.5	29
153	Optimization algorithms for large-scale real-world instances of the frequency assignment problem. <i>Soft Computing</i> , <b>2011</b> , 15, 975-990	3.5	25
152	AlineaGA genetic algorithm with local search optimization for multiple sequence alignment. <i>Applied Intelligence</i> , <b>2010</b> , 32, 164-172	4.9	25
151	Benchmarking a Wide Spectrum of Metaheuristic Techniques for the Radio Network Design Problem. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2009</b> , 13, 1133-1150	15.6	23
150	Embedded intelligence for fast QoS-based vertical handoff in heterogeneous wireless access networks. <i>Pervasive and Mobile Computing</i> , <b>2015</b> , 19, 141-155	3.5	21
149	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2013</b> , 17, 457-473	15.6	21
148	A new Multiobjective Artificial Bee Colony algorithm to solve a real-world frequency assignment problem. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 1447-1459	4.8	21
147	Metaheuristics for solving a real-world frequency assignment problem in GSM networks <b>2008</b> ,		20
146	Predicting DNA Motifs by Using Evolutionary Multiobjective Optimization. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2012</b> , 42, 913-925		16
145	Finding deadlocks in large concurrent java programs using genetic algorithms <b>2008</b> ,		16
144	Machine Learning Applied to Diagnosis of Human Diseases: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 5135	2.6	16
143	A Comparative Study on Multiobjective Swarm Intelligence for the Routing and Wavelength Assignment Problem. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2012</b> , 42, 1644-1655		14

142	Guest editors' introductionSpecial issue on FPGAs: applications and designs. <i>Microprocessors and Microsystems</i> , <b>2004</b> , 28, 193-195	2.4	14
141	A multiobjective approach based on artificial bee colony for the static routing and wavelength assignment problem. <i>Soft Computing</i> , <b>2013</b> , 17, 199-211	3.5	13
140	Accelerating floating-point fitness functions in evolutionary algorithms: a FPGA-CPU-GPU performance comparison. <i>Genetic Programming and Evolvable Machines</i> , <b>2011</b> , 12, 403-427	2	13
139	<b>2010</b> ,		12
138	Genetic algorithms using parallelism and FPGAs: the TSP as case study		12
137	Finding Motifs in DNA Sequences Applying a Multiobjective Artificial Bee Colony (MOABC) Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 89-100	0.9	12
136	A parallel evolutionary approach to solve the relay node placement problem in wireless sensor networks <b>2013</b> ,		11
135	A hybrid Differential Evolution algorithm to solve a real-world Frequency Assignment problem. <i>Proceedings of the International Multiconference on Computer Science and Information Technology</i> , <b>2008</b> ,		11
134	Comparing multiobjective swarm intelligence metaheuristics for DNA motif discovery. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 314-326	7.2	10
133	SS vs PBIL to Solve a Real-World Frequency Assignment Problem in GSM Networks. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 21-30	0.9	10
132	Studying the multiobjective variable neighbourhood search algorithm when solving the relay node placement problem in Wireless Sensor Networks. <i>Soft Computing</i> , <b>2016</b> , 20, 67-86	3.5	9
131	Solving the motif discovery problem by using Differential Evolution with Pareto Tournaments <b>2010</b> ,		9
130	Applying a Multiobjective Gravitational Search Algorithm (MO-GSA) to Discover Motifs. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 372-379	0.9	9
129	Improving the industrial classification of cork stoppers by using image processing and Neuro-Fuzzy computing. <i>Journal of Intelligent Manufacturing</i> , <b>2010</b> , 21, 745-760	6.7	9
128	Applying Differential Evolution to the Reporting Cells problem. <i>Proceedings of the International Multiconference on Computer Science and Information Technology</i> , <b>2008</b> ,		9
127	Multiobjective Teaching-Learning-Based Optimization (MO-TLBO) for motif finding <b>2012</b> ,		8
126	Artificial Bee Colony Algorithm applied to WiMAX network planning problem <b>2011</b> ,		8
125	Solving ring loading problems using bio-inspired algorithms. <i>Journal of Network and Computer Applications</i> , <b>2011</b> , 34, 668-685	7.9	8

124	IDEA and AES, two cryptographic algorithms implemented using partial and dynamic reconfiguration. <i>Microelectronics Journal</i> , <b>2009</b> , 40, 1032-1040	1.8	8
123	Solving the reporting cells problem by using a parallel team of evolutionary algorithms. <i>Logic Journal of the IGPL</i> , <b>2012</b> , 20, 722-731	1	8
122	Evaluation of Different Metaheuristics Solving the RND Problem <b>2007</b> , 101-110		8
121	Recommender system implementations for embedded collaborative filtering applications. <i>Microprocessors and Microsystems</i> , <b>2020</b> , 73, 102997	2.4	7
120	Solving the Routing and Wavelength Assignment Problem in WDM Networks by Using a Multiobjective Variable Neighborhood Search Algorithm. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 47-54		7
119	Multiobjective frequency assignment problem using the MO-VNS and MO-SVNS algorithms <b>2009</b> ,		7
118	A Differential Evolution Based Algorithm to Optimize the Radio Network Design Problem <b>2006</b> ,		7
117	Toward a Robust Multi-Objective Metaheuristic for Solving the Relay Node Placement Problem in Wireless Sensor Networks. <i>Sensors</i> , <b>2019</b> , 19,	3.8	7
116	Swarm optimisation algorithms applied to large balanced communication networks. <i>Journal of Network and Computer Applications</i> , <b>2013</b> , 36, 504-522	7.9	6
115	An educational tool for testing caches on symmetric multiprocessors. <i>Microprocessors and Microsystems</i> , <b>2001</b> , 25, 187-194	2.4	6
114	AlineaGA: A Genetic Algorithm for Multiple Sequence Alignment. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 309-318	0.8	6
113	Solving the Reporting Cells Problem Using a Scatter Search Based Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 534-543	0.9	6
112	Solving the Location Areas problem with Strength Pareto Evolutionary Algorithm <b>2012</b> ,		5
111	Automatic texture characterization using Gabor filters and neurofuzzy computing. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 52, 15-32	3.2	5
110	A Multiobjective Gravitational Search Algorithm Applied to the Static Routing and Wavelength Assignment Problem. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 41-50	0.9	5
109	<b>2008</b> ,		5
108	Applying Differential Evolution to a Realistic Location Area Problem Using SUMATRA <b>2008</b> ,		5
107	Analysis of Parameter Settings for Differential Evolution Algorithm to Solve a Real-World Frequency Assignment Problem in GSM Networks <b>2008</b> ,		5

106	Control of Bloat in Genetic Programming by Means of the Island Model. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 263-271	0.9	5
105	Radio Network Design Using Population-Based Incremental Learning and Grid Computing with BOINC <b>2007</b> , 91-100		5
104	A Multiobjective Variable Neighborhood Search for Solving the Motif Discovery Problem. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 39-46		5
103	Optimizing Latent Factors and Collaborative Filtering for Students' Performance Prediction. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 5601	2.6	5
102	Fine-grained parallelization of fitness functions in bioinformatics optimization problems: gene selection for cancer classification and biclustering of gene expression data. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 330	3.6	5
101	Hardware security platform for multicast communications. <i>Journal of Systems Architecture</i> , <b>2014</b> , 60, 11-21	5.5	4
100	MO-ABC/DE - Multiobjective Artificial Bee Colony with Differential Evolution for unconstrained multiobjective optimization <b>2012</b> ,		4
99	An evolutionary approach for performing multiple sequence alignment <b>2010</b> ,		4
98	Solving a Realistic Location Area Problem Using SUMATRA Networks with the Scatter Search Algorithm <b>2009</b> ,		4
97	Optimizing a realistic large-scale frequency assignment problem using a new parallel evolutionary approach. <i>Engineering Optimization</i> , <b>2011</b> , 43, 813-842	2	4
96	Fast decision algorithms in low-power embedded processors for quality-of-service based connectivity of mobile sensors in heterogeneous wireless sensor networks. <i>Sensors</i> , <b>2012</b> , 12, 1612-24	3.8	4
95	Reconfigurable computing system for image processing via the internet. <i>Microprocessors and Microsystems</i> , <b>2007</b> , 31, 498-515	2.4	4
94	Computers and Education <b>2007</b> ,		4
93	Using Omnidirectional BTS and Different Evolutionary Approaches to Solve the RND Problem <b>2007</b> , 853-860		4
92	Tackling the Static RWA Problem by Using a Multiobjective Artificial Bee Colony Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 364-371	0.9	4
91	Simulated Annealing for Real-Time Vertical-Handoff in Wireless Networks. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 198-209	0.9	4
90	Applying Scatter Search to the Location Areas Problem. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 791-798.	0.9	4
89	Exploring Further Advantages in an Alternative Formulation for the Set Covering Problem. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-24	1.1	4

88	A gravitational search algorithm for solving the relay node placement problem in wireless sensor networks. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e2957	1.7	3
87	Performance of Two Approaches of Embedded Recommender Systems. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 546	2.6	3
86	High-Speed Reconfigurable Parallel System to Design Good Error Correcting Codes in Communications. <i>Journal of Signal Processing Systems</i> , <b>2012</b> , 66, 147-152	1.4	3
85	Solving large-scale SONET network design problems using bee-inspired algorithms. <i>Optical Switching and Networking</i> , <b>2012</b> , 9, 97-117	1.6	3
84	Relay Node Positioning in Wireless Sensor Networks by Means of Evolutionary Techniques. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 18-25	0.9	3
83	A multi-objective network design for real traffic models of the internet by means of a parallel framework for solving NP-hard problems <b>2011</b> ,		3
82	Optimizing Multiple Sequence Alignment by Improving Mutation Operators of a Genetic Algorithm <b>2009</b> ,		3
81	Fast Wide Area Network Design Optimisation Using Differential Evolution <b>2007</b> ,		3
80	Advanced Texture Analysis in Cork Quality Detection. <i>Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on</i> , <b>2007</b> ,		3
79	Comparing Hybrid Versions of SS and DE to Solve a Realistic FAP Problem. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 257-264	0.9	3
78	Solving a Realistic FAP Using GRASP and Grid Computing. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 79-90.	0.9	3
77	Parameter Analysis for Differential Evolution with Pareto Tournaments in a Multiobjective Frequency Assignment Problem. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 799-806	0.9	3
76	Comparing Multiobjective Artificial Bee Colony Adaptations for Discovering DNA Motifs. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 110-121	0.9	3
75	Reliability and efficiency in wireless sensor networks: heuristic approaches. <i>Journal of Heuristics</i> , <b>2015</b> , 21, 141-143	1.9	2
74	A Trajectory-Based Heuristic to Solve a Three-Objective Optimization Problem for Wireless Sensor Network Deployment. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 27-38	0.9	2
73	<b>2012</b> ,		2
72	Comparing Different Operators and Models to Improve a Multiobjective Artificial Bee Colony Algorithm for Inferring Phylogenies. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 187-200	0.9	2
71	LOW POWER CONSUMPTION SECURITY PLATFORM FOR INDUSTRIAL COMMUNICATIONS USING AN MPSOC. <i>Journal of Circuits, Systems and Computers</i> , <b>2013</b> , 22, 1350029	0.9	2

70	A Hybrid Scatter Search algorithm to assign terminals to concentrators <b>2010</b> ,		2
69	Parallel AlineaGA: An island parallel evolutionary algorithm for multiple sequence alignment <b>2010</b> ,		2
68	Swarm Intelligence, Scatter Search and Genetic Algorithm to Tackle a Realistic Frequency Assignment Problem. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 441-448		2
67	COMPARATIVE ANALYSIS OF A HYBRID DE ALGORITHM WITH THE VNS ALGORITHM AND ITS VARIATION SVNS TO SOLVE A REAL-WORLD FREQUENCY ASSIGNMENT PROBLEM. <i>Applied Artificial Intelligence</i> , <b>2011</b> , 25, 217-234	2.3	2
66	Inferring Phylogenetic Trees Using a Multiobjective Artificial Bee Colony Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 144-155	0.9	2
65	The Radio Network Design Optimization Problem. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 219-260	0.8	2
64	Solving the weighted ring edge-loading problem without demand splitting using a Hybrid Differential Evolution Algorithm <b>2009</b> ,		2
63	Population-Based Incremental Learning to Solve the FAP Problem <b>2008</b> ,		2
62	Studying Different Variants of PBIL to Solve a Real-World FAP Problem in GSM Networks <b>2008</b> ,		2
61	Custom Hardware Processor to Compute a Figure of Merit for the Fit of X-Ray Diffraction Peaks. <i>X-Ray Optics and Instrumentation</i> , <b>2008</b> , 2008, 1-7		2
60	A differential evolution algorithm for location area problem in mobile networks <b>2007</b> ,		2
59	Processor for Measuring Radio Network Design Quality. <i>Wireless Engineering and Technology</i> , <b>2011</b> , 02, 204-211	0.8	2
58	Solving the Location Area Problem by Using Differential Evolution. <i>Journal of Communications Software and Systems</i> , <b>2017</b> , 4, 131	0.8	2
57	Novel and Classic Metaheuristics for Tuning a Recommender System for Predicting Student Performance in Online Campus. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 125-133	0.9	2
56	A Genetic Algorithm with Multiple Operators for Solving the Terminal Assignment Problem. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 279-288	0.8	2
55	Solving the Terminal Assignment Problem Using a Local Search Genetic Algorithm. <i>Advances in Soft Computing</i> , <b>2009</b> , 225-234		2
54	Solving the Ring Loading Problem Using Genetic Algorithms with Intelligent Multiple Operators. <i>Advances in Soft Computing</i> , <b>2009</b> , 235-244		2
53	Application of Differential Evolution to a Multi-Objective Real-World Frequency Assignment Problem. <i>Adaptation, Learning, and Optimization</i> , <b>2010</b> , 155-176	0.7	2



52	Using a Parallel Team of Multiobjective Evolutionary Algorithms to Solve the Motif Discovery Problem. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 569-576		2
51	Improving Optical WDM Networks by Using a Multi-core Version of Differential Evolution with Pareto Tournaments. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 629-636		2
50	Solving SONET Problems Using a Hybrid Scatter Search Algorithm. <i>Studies in Computational Intelligence</i> , <b>2012</b> , 81-97	0.8	2
49	Solving the Location Areas Scheme in Realistic Networks by Using a Multi-objective Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 72-81	0.9	2
48	Context-aware prediction of access points demand in Wi-Fi networks. <i>Computer Networks</i> , <b>2017</b> , 117, 52-61	5.4	1
47	Data Science and AI-Based Optimization in Scientific Programming. <i>Scientific Programming</i> , <b>2019</b> , 2019, 1-3	1.4	1
46	Selecting latent factors when predicting student performance in online campus by using recommender systems <b>2018</b> ,		1
45	Solving the Set Covering Problem Using Spotted Hyena Optimizer and Autonomous Search. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 854-861	0.9	1
44	Multi-objective evolutionary algorithms for energy-efficiency in heterogeneous wireless sensor networks <b>2012</b> ,		1
43	Using a hybrid honey bees mating optimisation algorithm for solving SONET/SDH design problems <b>2011</b> ,		1
42	GRASP and grid computing to solve the location area problem <b>2009</b> ,		1
41	Performance Analysis of Reconfigurable Clusters to Design Good Error Correcting Codes in Communications. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2009</b> , 42, 125-130		1
40	Low decoding complexity video streams for portable video players <b>2008</b> ,		1
39	Image Processing and Neuro-Fuzzy Computing for Cork Quality Classification <b>2007</b> ,		1
38	Solving the frequency assignment problem with differential evolution <b>2007</b> ,		1
37	Parametric identification of solar series based on an adaptive parallel methodology. <i>Journal of Astrophysics and Astronomy</i> , <b>2005</b> , 26, 103-115	1.4	1
36	Searching optimal ROBDDs using methodologies based on evolutionary algorithms. <i>IET Circuits, Devices and Systems</i> , <b>1999</b> , 146, 164		1
35	Reconfigurable Computing and Parallelism for Implementing and Accelerating Evolutionary Algorithms. <i>Studies in Computational Intelligence</i> , <b>2006</b> , 71-93	0.8	1



34	Deconvolution of X-ray Diffraction Profiles Using Genetic Algorithms and Differential Evolution. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 503-514	0.9	1
33	Solving a RealWorld FAP Using the Scatter Search Metaheuristic. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 785-792	0.9	1
32	A Parallel Cooperative Evolutionary Strategy for Solving the Reporting Cells Problem. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 71-78		1
31	Ant Colonies to Assign Terminals to Concentrators. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 165-178	0.8	1
30	A Multi-objective Approach to Solve the Location Areas Problem. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 72-83	0.9	1
29	A Trajectory Algorithm to Solve the Relay Node Placement Problem in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 145-156	0.9	1
28	A Parallel Niche Pareto Evolutionary Algorithm for Multiple Sequence Alignment. <i>Advances in Intelligent and Soft Computing</i> , <b>2011</b> , 157-165		1
27	Fast Montgomery Modular Multiplier using FPGAs. <i>IEEE Embedded Systems Letters</i> , <b>2021</b> , 1-1	1	1
26	Predicting the Appearance of Hypotension During Hemodialysis Sessions Using Machine Learning Classifiers. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
25	Game Implementation: An Interesting Strategy to Teach Genetic Algorithms <b>2007</b> , 205-223		0
24	Doing object oriented simulations. <i>ACM SIGSIM Simulation Digest</i> , <b>1991</b> , 21, 177-184		0
23	Hardware Modelling of Cellular Automata: The Game of Life Case <b>2007</b> , 589-595		0
22	On the Use of Perfect Sequences and Genetic Algorithms for Estimating the Indoor Location of Wireless Sensors. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 720574	1.7	0
21	Parametric Approximation of Functions Using Genetic Algorithms: An Example with a Logistic Curve. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 313-320	0.9	0
20	Energy Prediction of Access Points in Wi-Fi Networks According to UsersBehaviour. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 825	2.6	
19	Complexity Analysis of HEVC Decoding for Multi-core Platforms. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 502-509	0.9	
18	Evolutionary Swarm based algorithms to minimise the link cost in Communication Networks. <i>International Journal of Computational Intelligence Systems</i> , <b>2012</b> , 5, 745-761	3-4	
17	Perceptually Relevant Pattern Recognition Applied to Cork Quality Detection. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 927-936	0.9	

- 16 Predicting Infectious Diseases by Using Machine Learning Classifiers. *Lecture Notes in Computer Science*, **2020**, 590-599 0.9
- 15 Comparison Between Stochastic Gradient Descent and VLE Metaheuristic for Optimizing Matrix Factorization. *Communications in Computer and Information Science*, **2020**, 153-164 0.3
- 14 Volunteer Computing, an Interesting Option for Grid Computing: Extremadura as Case Study. *Lecture Notes in Computer Science*, **2007**, 29-30 0.9
- 13 Peaks Detection in X-Ray Diffraction Profiles Using Grid Computing. *Lecture Notes in Computer Science*, **2008**, 793-801 0.9
- 12 Finding The Best Classifier for Evaluating Cork Quality In An Industrial Environment **2008**, 183-194
- 11 3D Textural Mapping and Soft-Computing Applied to Cork Quality Inspection. *Lecture Notes in Computer Science*, **2008**, 743-752 0.9
- 10 Applying an Electromagnetism-Like Algorithm for Solving the Manufacturing Cell Design Problem **2018**, 1212-1231
- 9 Time Series Optimization for Energy Prediction in Wi-Fi Infrastructures. *Contributions To Statistics*, **2018**, 245-257 0.1
- 8 Improving the Accuracy of Prediction Applications by Efficient Tuning of Gradient Descent Using Genetic Algorithms. *Lecture Notes in Computer Science*, **2018**, 210-221 0.9
- 7 Planning the Deployment of Indoor Wireless Sensor Networks Through Multiobjective Evolutionary Techniques. *Lecture Notes in Computer Science*, **2015**, 128-139 0.9
- 6 Applying an Electromagnetism-Like Algorithm for Solving the Manufacturing Cell Design Problem. *Advances in Computational Intelligence and Robotics Book Series*, **2017**, 37-61 0.4
- 5 A Scatter Search Based Approach to Solve the Reporting Cells Problem. *Advances in Intelligent and Soft Computing*, **2010**, 145-152
- 4 Soft Computing, Genetic Algorithms and Engineering Problems: An Example of Application to Minimize a Cantilever Wall Cost. *Lecture Notes in Computer Science*, **2010**, 566-575 0.9
- 3 Using a Multiobjective OpenMP+MPI DE for the Static RWA Problem. *Lecture Notes in Computer Science*, **2012**, 224-231 0.9
- 2 Discovering DNA Motifs with a Parallel Shared Memory Differential Evolution. *Lecture Notes in Computer Science*, **2012**, 232-239 0.9
- 1 Tele-Education of the Instruction Dynamic Scheduling Using a Web Simulator **2007**, 89-98