Erik Cuevas

List of Publications by Year in Descending Order

196	3,378	30	54
papers	citations	h-index	g-index

211	4,178	2.7	6.26
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
196	COVID-19 detection from CT scans using a two-stage framework.. *Expert Systems With Applications*, **2022**, 193, 116377	7.8	2
195	AltWOA: Altruistic Whale Optimization Algorithm for feature selection on microarray datasets.. *Computers in Biology and Medicine*, **2022**, 144, 105349	7	6
194	Introductory Concepts of Metaheuristic Computation. *Intelligent Systems Reference Library*, **2021**, 1-8	0.8	
193	Experimental Analysis Between Exploration and Exploitation. *Intelligent Systems Reference Library*, **2021**, 249-269	0.8	1
192	A Metaheuristic Methodology Based on Fuzzy Logic Principles. *Intelligent Systems Reference Library*, **2021**, 39-89	0.8	
191	A Metaheuristic Computation Scheme to Solve Energy Problems. *Intelligent Systems Reference Library*, **2021**, 91-120	0.8	
190	A States of Matter Search-Based Scheme to Solve the Problem of Power Allocation in Plug-in Electric Cars. *Intelligent Systems Reference Library*, **2021**, 161-176	0.8	
189	Locus Search Method for Power Loss Reduction on Distribution Networks. *Intelligent Systems Reference Library*, **2021**, 177-206	0.8	
188	Blood Vessel and Optic Disc Segmentation Based on a Metaheuristic Method. *Intelligent Systems Reference Library*, **2021**, 207-228	0.8	
187	Detection of White Blood Cells with Metaheuristic Computation. *Intelligent Systems Reference Library*, **2021**, 229-248	0.8	
186	Differential Evolution Based Algorithm for Optimal Current Ripple Cancelation in an Unequal Interleaved Power Converter. *Mathematics*, **2021**, 9, 2755	2.3	1
185	An Enhanced Swarm Method Based on the Locust Search Algorithm. *Intelligent Systems Reference Library*, **2021**, 9-38	0.8	1
184	A mean shift segmentation scheme using several pixel characteristics. *Computers and Electrical Engineering*, **2021**, 90, 107022	4.3	
183	Search Patterns Based on Trajectories Extracted from the Response of Second-Order Systems. *Applied Sciences (Switzerland)*, **2021**, 11, 3430	2.6	0
182	Group-based synchronous-asynchronous Grey Wolf Optimizer. *Applied Mathematical Modelling*, **2021**, 93, 226-243	4.5	5
181	Robust Clustering Routing Method for Wireless Sensor Networks Considering the Locust Search Scheme. *Energies*, **2021**, 14, 3019	3.1	4
180	Efficient image segmentation through 2D histograms and an improved owl search algorithm. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 131-150	3.8	3

161	A Competitive Memory Paradigm for Multimodal Optimization Driven by Clustering and Chaos. *Mathematics*, **2020**, 8, 934	2.3	
160	Locust Search Algorithm Applied for Template Matching. *Intelligent Systems Reference Library*, **2020**, 279-296	0.8	
159	Auto-calibration of Fractional Fuzzy Controllers by Using the Swarm Social-Spider Method. *Intelligent Systems Reference Library*, **2020**, 189-209	0.8	
158	Gravitational Search Algorithm for Non-linear System Identification Using ANFIS-Hammerstein Approach. *Studies in Computational Intelligence*, **2020**, 97-134	0.8	0
157	Neighborhood Based Optimization Algorithm. *Studies in Computational Intelligence*, **2020**, 183-243	0.8	
156	Optimization Techniques in Parameters Setting for Induction Motor. *Studies in Computational Intelligence*, **2020**, 9-25	0.8	1
155	Fuzzy Logic Based Optimization Algorithm. *Studies in Computational Intelligence*, **2020**, 135-181	0.8	0
154	Knowledge-Based Optimization Algorithm. *Studies in Computational Intelligence*, **2020**, 245-277	0.8	
153	Multi-level Image Thresholding Segmentation Using 2D Histogram Non-local Means and Metaheuristics Algorithms. *Studies in Computational Intelligence*, **2020**, 121-149	0.8	2
152	Introduction to Optimization and Metaheuristic Methods. *Studies in Computational Intelligence*, **2020**, 1-8	0.8	3
151	An Enhanced Crow Search Algorithm Applied to Energy Approaches. *Studies in Computational Intelligence*, **2020**, 27-49	0.8	3
150	Comparison of Solar Cells Parameters Estimation Using Several Optimization Algorithms. *Studies in Computational Intelligence*, **2020**, 51-95	0.8	3
149	An agent-based model to evaluate the COVID-19 transmission risks in facilities. *Computers in Biology and Medicine*, **2020**, 121, 103827	7	106
148	A novel hybrid metaheuristic optimization method: hypercube natural aggregation algorithm. *Soft Computing*, **2020**, 24, 8823-8856	3.5	2
147	Side-Blotched Lizard Algorithm: A polymorphic population approach. *Applied Soft Computing Journal*, **2020**, 88, 106039	7.5	15
146	An Evolutionary Approach to Improve the Halftoning Process. *Mathematics*, **2020**, 8, 1636	2.3	1
145	Numerical Optimization of Switching Ripples in the Double Dual Boost Converter through the Evolutionary Algorithm L-SHADE. *Mathematics*, **2020**, 8, 1911	2.3	1
144	A new metaheuristic approach based on agent systems principles. *Journal of Computational Science*, **2020**, 47, 101244	3.4	4

143	Comparison of Circular Symmetric Low-Pass Digital IIR Filter Design Using Evolutionary Computation Techniques. *Mathematics*, **2020**, 8, 1226	2.3	2
142	An Evolutionary Algorithm-Based PWM Strategy for a Hybrid Power Converter. *Mathematics*, **2020**, 8, 1247	2.3	0
141	A Competitive Swarm Algorithm for Image Segmentation Guided by Opposite Fuzzy Entropy **2020**,		3
140	An Improved Grey Wolf Optimizer for a Supplier Selection and Order Quantity Allocation Problem. *Mathematics*, **2020**, 8, 1457	2.3	3
139	The Locust Swarm Optimization Algorithm. *Intelligent Systems Reference Library*, **2020**, 139-159	0.8	18
138	An Introduction to Nature-Inspired Metaheuristics and Swarm Methods. *Intelligent Systems Reference Library*, **2020**, 1-41	0.8	1
137	The Selfish Herd Optimizer. *Intelligent Systems Reference Library*, **2020**, 69-109	0.8	2
136	From ants to whales: metaheuristics for all tastes. *Artificial Intelligence Review*, **2020**, 53, 753-810	9.7	62
135	Locust Search Algorithm Applied to Multi-threshold Segmentation. *Intelligent Systems Reference Library*, **2020**, 211-240	0.8	6
134	Metaheuristics and Swarm Methods: A Discussion on Their Performance and Applications. *Intelligent Systems Reference Library*, **2020**, 43-67	0.8	1
133	Multimodal Swarm Algorithm Based on the Collective Animal Behavior (CAB) for Circle Detection. *Intelligent Systems Reference Library*, **2020**, 241-278	0.8	
132	A hybrid optimization approach based on clustering and chaotic sequences. *International Journal of Machine Learning and Cybernetics*, **2020**, 11, 359-401	3.8	13
131	Recent Metaheuristics Algorithms for Parameter Identification. *Studies in Computational Intelligence*, **2020**,	0.8	2
130	Reducing overlapped pixels: a multi-objective color thresholding approach. *Soft Computing*, **2020**, 24, 6787-6807	3.5	9
129	A Modified Crow Search Algorithm with Applications to Power System Problems. *Studies in Computational Intelligence*, **2019**, 137-166	0.8	2
128	A hybrid evolutionary approach based on the invasive weed optimization and estimation distribution algorithms. *Soft Computing*, **2019**, 23, 13627-13668	3.5	4
127	An opposition-based social spider optimization for feature selection. *Soft Computing*, **2019**, 23, 13547-13567	3.5	24
126	Corner detection of intensity images with cellular neural networks (CNN) and evolutionary techniques. *Neurocomputing*, **2019**, 347, 82-93	5.4	10

125	An improved Simulated Annealing algorithm based on ancient metallurgy techniques. *Applied Soft Computing Journal*, **2019**, 84, 105761	7.5	16
124	Introduction to Metaheuristics Methods. *Studies in Computational Intelligence*, **2019**, 1-8	0.8	2
123	Metaheuristics Algorithms in Power Systems. *Studies in Computational Intelligence*, **2019**,	0.8	2
122	An optimization algorithm guided by a machine learning approach. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 2963-2991	3.8	3
121	A reactive model based on neighborhood consensus for continuous optimization. *Expert Systems With Applications*, **2019**, 121, 115-141	7.8	3
120	Image segmentation by minimum cross entropy using evolutionary methods. *Soft Computing*, **2019**, 23, 431-450	3.5	23
119	A selection method for evolutionary algorithms based on the Golden Section. *Expert Systems With Applications*, **2018**, 106, 183-196	7.8	11
118	Advances in Metaheuristics Algorithms: Methods and Applications. *Studies in Computational Intelligence*, **2018**,	0.8	3
117	Calibration of Fractional Fuzzy Controllers by Using the Social-Spider Method. *Studies in Computational Intelligence*, **2018**, 35-55	0.8	1
116	Identification of Fractional Chaotic Systems by Using the Locust Search Algorithm. *Studies in Computational Intelligence*, **2018**, 77-92	0.8	1
115	Metaheuristic Algorithms Based on Fuzzy Logic. *Studies in Computational Intelligence*, **2018**, 167-218	0.8	
114	Electromagnetism-like mechanism with collective animal behavior for multimodal optimization. *Applied Intelligence*, **2018**, 48, 2580-2612	4.9	3
113	Improving multi-criterion optimization with chaos: a novel Multi-Objective Chaotic Crow Search Algorithm. *Neural Computing and Applications*, **2018**, 29, 319-335	4.8	31
112	Real-time video thresholding using evolutionary techniques and cross entropy **2018**,		3
111	Unassisted thresholding based on multi-objective evolutionary algorithms. *Knowledge-Based Systems*, **2018**, 159, 221-232	7.3	12
110	A multi-level thresholding method for breast thermograms analysis using Dragonfly algorithm. *Infrared Physics and Technology*, **2018**, 93, 346-361	2.7	72
109	Multimodal States of Matter Search. *Studies in Computational Intelligence*, **2018**, 119-165	0.8	
108	The States of Matter Search (SMS). *Studies in Computational Intelligence*, **2018**, 93-118	0.8	

107	Thermal Image Segmentation Using Evolutionary Computation Techniques. *Studies in Computational Intelligence*, **2018**, 63-88	0.8	7
106	Nonlinear system identification based on ANFIS-Hammerstein model using Gravitational search algorithm. *Applied Intelligence*, **2018**, 48, 182-203	4.9	29
105	A Multimodal Optimization Algorithm Inspired by the States of Matter. *Neural Processing Letters*, **2018**, 48, 517-556	2.4	14
104	Social Spider Optimization Algorithm: Modifications, Applications, and Perspectives. *Mathematical Problems in Engineering*, **2018**, 2018, 1-29	1.1	13
103	A Swarm Approach for Improving Voltage Profiles and Reduce Power Loss on Electrical Distribution Networks. *IEEE Access*, **2018**, 6, 49498-49512	3.5	18
102	A novel bio-inspired optimization model based on Yellow Saddle Goatfish behavior. *BioSystems*, **2018**, 174, 1-21	1.9	22
101	Entropy-based imagery segmentation for breast histology using the Stochastic Fractal Search. *Neurocomputing*, **2018**, 321, 201-215	5.4	30
100	Computational Intelligence in Image Processing 2018. *Mathematical Problems in Engineering*, **2018**, 2018, 1-3	1.1	1
99	Ls-II: An Improved Locust Search Algorithm for Solving Optimization Problems. *Mathematical Problems in Engineering*, **2018**, 2018, 1-15	1.1	11
98	An Improved Crow Search Algorithm Applied to Energy Problems. *Energies*, **2018**, 11, 571	3.1	65
97	The Metaheuristic Algorithm of the Locust-Search. *Studies in Computational Intelligence*, **2018**, 57-76	0.8	
96	Improved Unsupervised Color Segmentation Using a Modified HSV Color Model and a Bagging Procedure in K-Means++ Algorithm. *Mathematical Problems in Engineering*, **2018**, 2018, 1-23	1.1	2
95	Multilevel Segmentation in Digital Images. *Studies in Computational Intelligence*, **2017**, 9-33	0.8	1
94	Multi-circle Detection on Images. *Studies in Computational Intelligence*, **2017**, 35-64	0.8	3
93	Evolutionary calibration of fractional fuzzy controllers. *Applied Intelligence*, **2017**, 47, 291-303	4.9	8
92	A new descriptor for image matching based on bionic principles. *Pattern Analysis and Applications*, **2017**, 20, 1245-1259	2.3	4
91	Cross entropy based thresholding for magnetic resonance brain images using Crow Search Algorithm. *Expert Systems With Applications*, **2017**, 79, 164-180	7.8	132
90	Engineering Applications of Soft Computing. *Intelligent Systems Reference Library*, **2017**,	0.8	4

89	Electromagnetism□Like Optimization Algorithm: An Introduction. *Intelligent Systems Reference Library*, **2017**, 23-41	0.8	
88	Digital Image Segmentation as an Optimization Problem. *Intelligent Systems Reference Library*, **2017**, 43-91	0.8	0
87	Template Matching Using a Physical Inspired Algorithm. *Intelligent Systems Reference Library*, **2017**, 93-118	0.8	1
86	A Medical Application: Blood Cell Segmentation by Circle Detection. *Intelligent Systems Reference Library*, **2017**, 135-157	0.8	1
85	An EMO Improvement: Opposition-Based Electromagnetism-Like for Global Optimization. *Intelligent Systems Reference Library*, **2017**, 159-178	0.8	
84	Evolutionary Computation Techniques: A Comparative Perspective. *Studies in Computational Intelligence*, **2017**,	0.8	11
83	Filter Design. *Studies in Computational Intelligence*, **2017**, 205-222	0.8	2
82	A new metaheuristic optimization methodology based on fuzzy logic. *Applied Soft Computing Journal*, **2017**, 61, 549-569	7.5	16
81	A global optimization algorithm inspired in the behavior of selfish herds. *BioSystems*, **2017**, 160, 39-55	1.9	99
80	Advances and Applications of Optimised Algorithms in Image Processing. *Intelligent Systems Reference Library*, **2017**,	0.8	4
79	A States of Matter Search-Based Approach for Solving the Problem of Intelligent Power Allocation in Plug-in Hybrid Electric Vehicles. *Energies*, **2017**, 10, 92	3.1	14
78	A Chaos-Embedded Gravitational Search Algorithm for the Identification of Electrical Parameters of Photovoltaic Cells. *Energies*, **2017**, 10, 1052	3.1	13
77	Parameter Estimation for Chaotic Fractional Systems by Using the Locust Search Algorithm. *Computacion Y Sistemas*, **2017**, 21,	1.4	7
76	Flower Pollination Algorithm for Multimodal Optimization. *International Journal of Computational Intelligence Systems*, **2017**, 10, 627	3.4	17
75	Template Matching. *Studies in Computational Intelligence*, **2017**, 65-93	0.8	3
74	Motion Estimation Algorithm Using Block-Matching and Harmony Search Optimization. *Intelligent Systems Reference Library*, **2017**, 13-44	0.8	4
73	A template matching approach based on the behavior of swarms of locust. *Applied Intelligence*, **2017**, 47, 1087-1098	4.9	12
72	Motion Estimation. *Studies in Computational Intelligence*, **2017**, 95-116	0.8	

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71	Photovoltaic Cell Design. *Studies in Computational Intelligence*, **2017**, 117-138	0.8	
70	Estimation of View Transformations in Images. *Studies in Computational Intelligence*, **2017**, 181-204	0.8	
69	Artificial Bee Colony Algorithm Applied to Multi-threshold Segmentation. *Intelligent Systems Reference Library*, **2017**, 193-214	0.8	
68	Global Optimization Using Opposition-Based Electromagnetism-Like Algorithm. *Intelligent Systems Reference Library*, **2017**, 77-100	0.8	
67	Optimization Based on the Behavior of Locust Swarms. *Studies in Computational Intelligence*, **2016**, 101-120	0.8	2
66	Reduction of Function Evaluations by using an evolutionary computation algorithm. *Studies in Computational Intelligence*, **2016**, 121-152	0.8	
65	Advances of Evolutionary Computation: Methods and Operators. *Studies in Computational Intelligence*, **2016**,	0.8	3
64	Image Segmentation Using an Evolutionary Method Based on Allostatic Mechanisms. *Studies in Computational Intelligence*, **2016**, 255-279	0.8	1
63	Circle Detection on Images Based on an Evolutionary Algorithm that Reduces the Number of Function Evaluations. *Intelligent Systems Reference Library*, **2016**, 139-167	0.8	2
62	Otsu and Kapur Segmentation Based on Harmony Search Optimization. *Intelligent Systems Reference Library*, **2016**, 169-202	0.8	5
61	Automatic Segmentation by Using an Algorithm Based on the Behavior of Locust Swarms. *Intelligent Systems Reference Library*, **2016**, 229-269	0.8	1
60	Leukocyte Detection by Using Electromagnetism-like Optimization. *Intelligent Systems Reference Library*, **2016**, 203-227	0.8	
59	Motion Estimation Based on Artificial Bee Colony (ABC). *Intelligent Systems Reference Library*, **2016**, 23-51	0.8	
58	Estimation of Multiple View Relations Considering Evolutionary Approaches. *Intelligent Systems Reference Library*, **2016**, 107-138	0.8	
57	Computational Intelligence in Image Processing 2016. *Mathematical Problems in Engineering*, **2016**, 2016, 1-3	1.1	
56	A Multiobjective Approach to Homography Estimation. *Computational Intelligence and Neuroscience* , **2016**, 2016, 3629174	3	5
55	Improving segmentation velocity using an evolutionary method. *Expert Systems With Applications*, **2015**, 42, 5874-5886	7.8	21
54	Multithreshold Segmentation by Using an Algorithm Based on the Behavior of Locust Swarms. *Mathematical Problems in Engineering*, **2015**, 2015, 1-25	1.1	23

53	Applying BAT Evolutionary Optimization to Image-Based Visual Servoing. *Mathematical Problems in Engineering*, **2015**, 2015, 1-11	1.1	1
52	A Method for Estimating View Transformations from Image Correspondences Based on the Harmony Search Algorithm. *Computational Intelligence and Neuroscience*, **2015**, 2015, 434263	3	4
51	An optimisation algorithm based on the behaviour of locust swarms. *International Journal of Bio-Inspired Computation*, **2015**, 7, 402	2.9	35
50	Leukocyte Detection Through an Evolutionary Method. *Studies in Fuzziness and Soft Computing*, **2015**, 139-163	0.7	
49	An analysis of the transition proportion for binarization in handwritten historical documents. *Pattern Recognition*, **2014**, 47, 2635-2651	7.7	7
48	Parameter identification of solar cells using artificial bee colony optimization. *Energy*, **2014**, 72, 93-102	7.9	262
47	A cuckoo search algorithm for multimodal optimization. *Scientific World Journal, The*, **2014**, 2014, 497514	1.2	19
46	Template matching using an improved electromagnetism-like algorithm. *Applied Intelligence*, **2014**, 41, 791-807	4.9	8
45	A Comparison of Evolutionary Computation Techniques for IIR Model Identification. *Journal of Applied Mathematics*, **2014**, 2014, 1-9	1.1	27
44	A Multilevel Thresholding algorithm using electromagnetism optimization. *Neurocomputing*, **2014**, 139, 357-381	5.4	113
43	A new algorithm inspired in the behavior of the social-spider for constrained optimization. *Expert Systems With Applications*, **2014**, 41, 412-425	7.8	101
42	An optimization algorithm inspired by the States of Matter that improves the balance between exploration and exploitation. *Applied Intelligence*, **2014**, 40, 256-272	4.9	138
41	A model for the gray-intensity distribution of historical handwritten documents and its application for binarization. *International Journal on Document Analysis and Recognition*, **2014**, 17, 139-160	3.8	5
40	Multi-ellipses detection on images inspired by collective animal behavior. *Neural Computing and Applications*, **2014**, 24, 1019-1033	4.8	12
39	An optimization algorithm for multimodal functions inspired by collective animal behavior. *Soft Computing*, **2013**, 17, 489-502	3.5	20
38	Block-matching algorithm based on harmony search optimization for motion estimation. *Applied Intelligence*, **2013**, 39, 165-183	4.9	38
37	Multi-circle detection on images inspired by collective animal behavior. *Applied Intelligence*, **2013**, 39, 101-120	4.9	14
36	A novel evolutionary algorithm inspired by the states of matter for template matching. *Expert Systems With Applications*, **2013**, 40, 6359-6373	7.8	46

35	A swarm optimization algorithm inspired in the behavior of the social-spider. *Expert Systems With Applications*, **2013**, 40, 6374-6384	7.8	341
34	Circle Detection on Images Using Learning Automata. *Studies in Computational Intelligence*, **2013**, 545-570	0.8	5
33	Circle Detection Algorithm Based on Electromagnetism-Like Optimization. *Intelligent Systems Reference Library*, **2013**, 907-934	0.8	1
32	Image Segmentation Using Artificial Bee Colony Optimization. *Intelligent Systems Reference Library*, **2013**, 965-990	0.8	7
31	An optimization for binarization methods by removing binary artifacts. *Pattern Recognition Letters*, **2013**, 34, 1299-1306	4.7	12
30	A comparison of nature inspired algorithms for multi-threshold image segmentation. *Expert Systems With Applications*, **2013**, 40, 1213-1219	7.8	110
29	Block matching algorithm for motion estimation based on Artificial Bee Colony (ABC). *Applied Soft Computing Journal*, **2013**, 13, 3047-3059	7.5	40
28	Block-matching algorithm based on differential evolution for motion estimation. *Engineering Applications of Artificial Intelligence*, **2013**, 26, 488-498	7.2	35
27	Automatic Circle Detection on Images Based on an Evolutionary Algorithm That Reduces the Number of Function Evaluations. *Mathematical Problems in Engineering*, **2013**, 2013, 1-17	1.1	1
26	A Swarm Optimization Algorithm for Multimodal Functions and Its Application in Multicircle Detection. *Mathematical Problems in Engineering*, **2013**, 2013, 1-22	1.1	4
25	An Educational Fuzzy-Based Control Platform Using LEGO Robots. *International Journal of Electrical Engineering and Education*, **2013**, 50, 157-171	0.6	8
24	Multilevel Thresholding Segmentation Based on Harmony Search Optimization. *Journal of Applied Mathematics*, **2013**, 2013, 1-24	1.1	86
23	White blood cell segmentation by circle detection using electromagnetism-like optimization. *Computational and Mathematical Methods in Medicine*, **2013**, 2013, 395071	2.8	17
22	Computational Intelligence in Image Processing. *Mathematical Problems in Engineering*, **2013**, 2013, 1-3	1.1	
21	An improved computer vision method for white blood cells detection. *Computational and Mathematical Methods in Medicine*, **2013**, 2013, 137392	2.8	14
20	Segmentation of Blood Cell Images Using Evolutionary Methods. *Advances in Intelligent Systems and Computing*, **2013**, 299-311	0.4	1
19	Fast Circle Detection Using Harmony Search Optimization. *Advances in Intelligent Systems and Computing*, **2013**, 313-325	0.4	
18	Circle detection using electro-magnetism optimization. *Information Sciences*, **2012**, 182, 40-55	7.7	80

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17	Automatic multiple circle detection based on artificial immune systems. *Expert Systems With Applications*, **2012**, 39, 713-722	7.8	24
16	Multi-circle detection on images using artificial bee colony (ABC) optimization. *Soft Computing*, **2012**, 16, 281-296	3.5	40
15	A multi-threshold segmentation approach based on Artificial Bee Colony optimization. *Applied Intelligence*, **2012**, 37, 321-336	4.9	76
14	Circle Detection by Harmony Search Optimization. *Journal of Intelligent and Robotic Systems: Theory and Applications*, **2012**, 66, 359-376	2.9	35
13	Multithreshold Segmentation Based on Artificial Immune Systems. *Mathematical Problems in Engineering*, **2012**, 2012, 1-20	1.1	15
12	An Algorithm for Global Optimization Inspired by Collective Animal Behavior. *Discrete Dynamics in Nature and Society*, **2012**, 2012, 1-24	1.1	38
11	Segmentation with Learning Automata **2011**,		2
10	Circle detection using discrete differential evolution optimization. *Pattern Analysis and Applications* , **2011**, 14, 93-107	2.3	46
9	Seeking multi-thresholds for image segmentation with Learning Automata. *Machine Vision and Applications*, **2011**, 22, 805-818	2.8	32
8	Unsupervised measures for parameter selection of binarization algorithms. *Pattern Recognition*, **2011**, 44, 491-502	7.7	8
7	Learning Automata in Control Planning Strategies. *Studies in Computational Intelligence*, **2011**, 27-54	0.8	
6	Low-Cost Commercial Lego Platform for Mobile Robotics. *International Journal of Electrical Engineering and Education*, **2010**, 47, 132-150	0.6	3
5	A novel multi-threshold segmentation approach based on differential evolution optimization. *Expert Systems With Applications*, **2010**, 37, 5265-5271	7.8	109
4	Transition thresholds and transition operators for binarization and edge detection. *Pattern Recognition*, **2010**, 43, 3243-3254	7.7	19
3	Transition pixel: A concept for binarization based on edge detection and gray-intensity histograms. *Pattern Recognition*, **2010**, 43, 1233-1243	7.7	33
2	POLYNOMIAL TRAJECTORY ALGORITHM FOR A BIPED ROBOT. *International Journal of Robotics and Automation*, **2010**, 25,	1.3	4
1	Using Bayesian optimization algorithm for model-based integration testing. *Soft Computing*,1	3.5	0