

Erik Cuevas

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.

196
papers

3,378
citations

30
h-index

54
g-index

211
ext. papers

4,178
ext. citations

2.7
avg. IF

6.26
L-index

#	Paper	IF	Citations
196	A swarm optimization algorithm inspired in the behavior of the social-spider. <i>Expert Systems With Applications</i> , 2013 , 40, 6374-6384	7.8	341
195	Parameter identification of solar cells using artificial bee colony optimization. <i>Energy</i> , 2014 , 72, 93-102	7.9	262
194	An optimization algorithm inspired by the States of Matter that improves the balance between exploration and exploitation. <i>Applied Intelligence</i> , 2014 , 40, 256-272	4.9	138
193	Cross entropy based thresholding for magnetic resonance brain images using Crow Search Algorithm. <i>Expert Systems With Applications</i> , 2017 , 79, 164-180	7.8	132
192	A Multilevel Thresholding algorithm using electromagnetism optimization. <i>Neurocomputing</i> , 2014 , 139, 357-381	5.4	113
191	A comparison of nature inspired algorithms for multi-threshold image segmentation. <i>Expert Systems With Applications</i> , 2013 , 40, 1213-1219	7.8	110
190	A novel multi-threshold segmentation approach based on differential evolution optimization. <i>Expert Systems With Applications</i> , 2010 , 37, 5265-5271	7.8	109
189	An agent-based model to evaluate the COVID-19 transmission risks in facilities. <i>Computers in Biology and Medicine</i> , 2020 , 121, 103827	7	106
188	A new algorithm inspired in the behavior of the social-spider for constrained optimization. <i>Expert Systems With Applications</i> , 2014 , 41, 412-425	7.8	101
187	A global optimization algorithm inspired in the behavior of selfish herds. <i>BioSystems</i> , 2017 , 160, 39-55	1.9	99
186	Multilevel Thresholding Segmentation Based on Harmony Search Optimization. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-24	1.1	86
185	Circle detection using electro-magnetism optimization. <i>Information Sciences</i> , 2012 , 182, 40-55	7.7	80
184	A multi-threshold segmentation approach based on Artificial Bee Colony optimization. <i>Applied Intelligence</i> , 2012 , 37, 321-336	4.9	76
183	A multi-level thresholding method for breast thermograms analysis using Dragonfly algorithm. <i>Infrared Physics and Technology</i> , 2018 , 93, 346-361	2.7	72
182	An Improved Crow Search Algorithm Applied to Energy Problems. <i>Energies</i> , 2018 , 11, 571	3.1	65
181	A better balance in metaheuristic algorithms: Does it exist?. <i>Swarm and Evolutionary Computation</i> , 2020 , 54, 100671	9.8	64
180	From ants to whales: metaheuristics for all tastes. <i>Artificial Intelligence Review</i> , 2020 , 53, 753-810	9.7	62

179	A novel evolutionary algorithm inspired by the states of matter for template matching. <i>Expert Systems With Applications</i> , 2013 , 40, 6359-6373	7.8	46
178	Circle detection using discrete differential evolution optimization. <i>Pattern Analysis and Applications</i> , 2011 , 14, 93-107	2.3	46
177	Multi-circle detection on images using artificial bee colony (ABC) optimization. <i>Soft Computing</i> , 2012 , 16, 281-296	3.5	40
176	Block matching algorithm for motion estimation based on Artificial Bee Colony (ABC). <i>Applied Soft Computing Journal</i> , 2013 , 13, 3047-3059	7.5	40
175	Block-matching algorithm based on harmony search optimization for motion estimation. <i>Applied Intelligence</i> , 2013 , 39, 165-183	4.9	38
174	An Algorithm for Global Optimization Inspired by Collective Animal Behavior. <i>Discrete Dynamics in Nature and Society</i> , 2012 , 2012, 1-24	1.1	38
173	An optimisation algorithm based on the behaviour of locust swarms. <i>International Journal of Bio-Inspired Computation</i> , 2015 , 7, 402	2.9	35
172	Circle Detection by Harmony Search Optimization. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2012 , 66, 359-376	2.9	35
171	Block-matching algorithm based on differential evolution for motion estimation. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 488-498	7.2	35
170	Transition pixel: A concept for binarization based on edge detection and gray-intensity histograms. <i>Pattern Recognition</i> , 2010 , 43, 1233-1243	7.7	33
169	Seeking multi-thresholds for image segmentation with Learning Automata. <i>Machine Vision and Applications</i> , 2011 , 22, 805-818	2.8	32
168	Improving multi-criterion optimization with chaos: a novel Multi-Objective Chaotic Crow Search Algorithm. <i>Neural Computing and Applications</i> , 2018 , 29, 319-335	4.8	31
167	Entropy-based imagery segmentation for breast histology using the Stochastic Fractal Search. <i>Neurocomputing</i> , 2018 , 321, 201-215	5.4	30
166	Nonlinear system identification based on ANFIS-Hammerstein model using Gravitational search algorithm. <i>Applied Intelligence</i> , 2018 , 48, 182-203	4.9	29
165	A Comparison of Evolutionary Computation Techniques for IIR Model Identification. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-9	1.1	27
164	An improved opposition-based marine predators algorithm for global optimization and multilevel thresholding image segmentation. <i>Knowledge-Based Systems</i> , 2021 , 229, 107348	7.3	27
163	An opposition-based social spider optimization for feature selection. <i>Soft Computing</i> , 2019 , 23, 13547-13567	3.57	24
162	Automatic multiple circle detection based on artificial immune systems. <i>Expert Systems With Applications</i> , 2012 , 39, 713-722	7.8	24

161	Multithreshold Segmentation by Using an Algorithm Based on the Behavior of Locust Swarms. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-25	1.1	23
160	Image segmentation by minimum cross entropy using evolutionary methods. <i>Soft Computing</i> , 2019 , 23, 431-450	3.5	23
159	A novel bio-inspired optimization model based on Yellow Saddle Goatfish behavior. <i>BioSystems</i> , 2018 , 174, 1-21	1.9	22
158	Improving segmentation velocity using an evolutionary method. <i>Expert Systems With Applications</i> , 2015 , 42, 5874-5886	7.8	21
157	An optimization algorithm for multimodal functions inspired by collective animal behavior. <i>Soft Computing</i> , 2013 , 17, 489-502	3.5	20
156	A cuckoo search algorithm for multimodal optimization. <i>Scientific World Journal, The</i> , 2014 , 2014, 497514.2	4.2	19
155	Transition thresholds and transition operators for binarization and edge detection. <i>Pattern Recognition</i> , 2010 , 43, 3243-3254	7.7	19
154	The Locust Swarm Optimization Algorithm. <i>Intelligent Systems Reference Library</i> , 2020 , 139-159	0.8	18
153	A Swarm Approach for Improving Voltage Profiles and Reduce Power Loss on Electrical Distribution Networks. <i>IEEE Access</i> , 2018 , 6, 49498-49512	3.5	18
152	White blood cell segmentation by circle detection using electromagnetism-like optimization. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 395071	2.8	17
151	Flower Pollination Algorithm for Multimodal Optimization. <i>International Journal of Computational Intelligence Systems</i> , 2017 , 10, 627	3.4	17
150	An improved Simulated Annealing algorithm based on ancient metallurgy techniques. <i>Applied Soft Computing Journal</i> , 2019 , 84, 105761	7.5	16
149	A new metaheuristic optimization methodology based on fuzzy logic. <i>Applied Soft Computing Journal</i> , 2017 , 61, 549-569	7.5	16
148	Multithreshold Segmentation Based on Artificial Immune Systems. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-20	1.1	15
147	Side-Blotched Lizard Algorithm: A polymorphic population approach. <i>Applied Soft Computing Journal</i> , 2020 , 88, 106039	7.5	15
146	Multi-circle detection on images inspired by collective animal behavior. <i>Applied Intelligence</i> , 2013 , 39, 101-120	4.9	14
145	A States of Matter Search-Based Approach for Solving the Problem of Intelligent Power Allocation in Plug-in Hybrid Electric Vehicles. <i>Energies</i> , 2017 , 10, 92	3.1	14
144	An improved computer vision method for white blood cells detection. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 137392	2.8	14

143	A Multimodal Optimization Algorithm Inspired by the States of Matter. <i>Neural Processing Letters</i> , 2018 , 48, 517-556	2.4	14
142	A Chaos-Embedded Gravitational Search Algorithm for the Identification of Electrical Parameters of Photovoltaic Cells. <i>Energies</i> , 2017 , 10, 1052	3.1	13
141	A hybrid optimization approach based on clustering and chaotic sequences. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 11, 359-401	3.8	13
140	Social Spider Optimization Algorithm: Modifications, Applications, and Perspectives. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-29	1.1	13
139	Unassisted thresholding based on multi-objective evolutionary algorithms. <i>Knowledge-Based Systems</i> , 2018 , 159, 221-232	7.3	12
138	Multi-ellipses detection on images inspired by collective animal behavior. <i>Neural Computing and Applications</i> , 2014 , 24, 1019-1033	4.8	12
137	An optimization for binarization methods by removing binary artifacts. <i>Pattern Recognition Letters</i> , 2013 , 34, 1299-1306	4.7	12
136	A template matching approach based on the behavior of swarms of locust. <i>Applied Intelligence</i> , 2017 , 47, 1087-1098	4.9	12
135	Evolutionary Computation Techniques: A Comparative Perspective. <i>Studies in Computational Intelligence</i> , 2017 ,	0.8	11
134	A selection method for evolutionary algorithms based on the Golden Section. <i>Expert Systems With Applications</i> , 2018 , 106, 183-196	7.8	11
133	Ls-II: An Improved Locust Search Algorithm for Solving Optimization Problems. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-15	1.1	11
132	Corner detection of intensity images with cellular neural networks (CNN) and evolutionary techniques. <i>Neurocomputing</i> , 2019 , 347, 82-93	5.4	10
131	Reducing overlapped pixels: a multi-objective color thresholding approach. <i>Soft Computing</i> , 2020 , 24, 6787-6807	3.5	9
130	Moth Swarm Algorithm for Image Contrast Enhancement. <i>Knowledge-Based Systems</i> , 2021 , 212, 106607	7.3	9
129	Harris Hawks optimisation with Simulated Annealing as a deep feature selection method for screening of COVID-19 CT-scans. <i>Applied Soft Computing Journal</i> , 2021 , 111, 107698	7.5	9
128	Evolutionary calibration of fractional fuzzy controllers. <i>Applied Intelligence</i> , 2017 , 47, 291-303	4.9	8
127	Template matching using an improved electromagnetism-like algorithm. <i>Applied Intelligence</i> , 2014 , 41, 791-807	4.9	8
126	An Educational Fuzzy-Based Control Platform Using LEGO Robots. <i>International Journal of Electrical Engineering and Education</i> , 2013 , 50, 157-171	0.6	8

125	Unsupervised measures for parameter selection of binarization algorithms. <i>Pattern Recognition</i> , 2011 , 44, 491-502	7.7	8
124	An analysis of the transition proportion for binarization in handwritten historical documents. <i>Pattern Recognition</i> , 2014 , 47, 2635-2651	7.7	7
123	Image Segmentation Using Artificial Bee Colony Optimization. <i>Intelligent Systems Reference Library</i> , 2013 , 965-990	0.8	7
122	Parameter Estimation for Chaotic Fractional Systems by Using the Locust Search Algorithm. <i>Computacion Y Sistemas</i> , 2017 , 21,	1.4	7
121	Thermal Image Segmentation Using Evolutionary Computation Techniques. <i>Studies in Computational Intelligence</i> , 2018 , 63-88	0.8	7
120	Locust Search Algorithm Applied to Multi-threshold Segmentation. <i>Intelligent Systems Reference Library</i> , 2020 , 211-240	0.8	6
119	Fast multi-feature image segmentation. <i>Applied Mathematical Modelling</i> , 2021 , 90, 742-757	4.5	6
118	AltWOA: Altruistic Whale Optimization Algorithm for feature selection on microarray datasets.. <i>Computers in Biology and Medicine</i> , 2022 , 144, 105349	7	6
117	Circle Detection on Images Using Learning Automata. <i>Studies in Computational Intelligence</i> , 2013 , 545-570	0.8	5
116	A model for the gray-intensity distribution of historical handwritten documents and its application for binarization. <i>International Journal on Document Analysis and Recognition</i> , 2014 , 17, 139-160	3.8	5
115	Otsu and Kapur Segmentation Based on Harmony Search Optimization. <i>Intelligent Systems Reference Library</i> , 2016 , 169-202	0.8	5
114	Group-based synchronous-asynchronous Grey Wolf Optimizer. <i>Applied Mathematical Modelling</i> , 2021 , 93, 226-243	4.5	5
113	A Multiobjective Approach to Homography Estimation. <i>Computational Intelligence and Neuroscience</i> , 2016 , 2016, 3629174	3	5
112	Learning classical and metaheuristic optimization techniques by using an educational platform based on LEGO robots. <i>International Journal of Electrical Engineering and Education</i> , 2021 , 58, 286-305	0.6	5
111	A new descriptor for image matching based on bionic principles. <i>Pattern Analysis and Applications</i> , 2017 , 20, 1245-1259	2.3	4
110	Engineering Applications of Soft Computing. <i>Intelligent Systems Reference Library</i> , 2017 ,	0.8	4
109	A hybrid evolutionary approach based on the invasive weed optimization and estimation distribution algorithms. <i>Soft Computing</i> , 2019 , 23, 13627-13668	3.5	4
108	Advances and Applications of Optimised Algorithms in Image Processing. <i>Intelligent Systems Reference Library</i> , 2017 ,	0.8	4

107	A Method for Estimating View Transformations from Image Correspondences Based on the Harmony Search Algorithm. <i>Computational Intelligence and Neuroscience</i> , 2015 , 2015, 434263	3	4
106	A Swarm Optimization Algorithm for Multimodal Functions and Its Application in Multicircle Detection. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-22	1.1	4
105	POLYNOMIAL TRAJECTORY ALGORITHM FOR A BIPED ROBOT. <i>International Journal of Robotics and Automation</i> , 2010 , 25,	1.3	4
104	Motion Estimation Algorithm Using Block-Matching and Harmony Search Optimization. <i>Intelligent Systems Reference Library</i> , 2017 , 13-44	0.8	4
103	A new metaheuristic approach based on agent systems principles. <i>Journal of Computational Science</i> , 2020 , 47, 101244	3.4	4
102	Robust Clustering Routing Method for Wireless Sensor Networks Considering the Locust Search Scheme. <i>Energies</i> , 2021 , 14, 3019	3.1	4
101	Anisotropic diffusion filtering through multi-objective optimization. <i>Mathematics and Computers in Simulation</i> , 2021 , 181, 410-429	3.3	4
100	Multi-circle Detection on Images. <i>Studies in Computational Intelligence</i> , 2017 , 35-64	0.8	3
99	Advances in Metaheuristics Algorithms: Methods and Applications. <i>Studies in Computational Intelligence</i> , 2018 ,	0.8	3
98	Electromagnetism-like mechanism with collective animal behavior for multimodal optimization. <i>Applied Intelligence</i> , 2018 , 48, 2580-2612	4.9	3
97	Advances of Evolutionary Computation: Methods and Operators. <i>Studies in Computational Intelligence</i> , 2016 ,	0.8	3
96	Real-time video thresholding using evolutionary techniques and cross entropy 2018 ,		3
95	Low-Cost Commercial Lego Platform for Mobile Robotics. <i>International Journal of Electrical Engineering and Education</i> , 2010 , 47, 132-150	0.6	3
94	Introduction to Optimization and Metaheuristic Methods. <i>Studies in Computational Intelligence</i> , 2020 , 1-8	0.8	3
93	An Enhanced Crow Search Algorithm Applied to Energy Approaches. <i>Studies in Computational Intelligence</i> , 2020 , 27-49	0.8	3
92	Comparison of Solar Cells Parameters Estimation Using Several Optimization Algorithms. <i>Studies in Computational Intelligence</i> , 2020 , 51-95	0.8	3
91	Template Matching. <i>Studies in Computational Intelligence</i> , 2017 , 65-93	0.8	3
90	A Competitive Swarm Algorithm for Image Segmentation Guided by Opposite Fuzzy Entropy 2020 ,		3

89	An Improved Grey Wolf Optimizer for a Supplier Selection and Order Quantity Allocation Problem. <i>Mathematics</i> , 2020 , 8, 1457	2.3	3
88	An optimization algorithm guided by a machine learning approach. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 2963-2991	3.8	3
87	A reactive model based on neighborhood consensus for continuous optimization. <i>Expert Systems With Applications</i> , 2019 , 121, 115-141	7.8	3
86	Efficient image segmentation through 2D histograms and an improved owl search algorithm. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 131-150	3.8	3
85	Filter Design. <i>Studies in Computational Intelligence</i> , 2017 , 205-222	0.8	2
84	A Modified Crow Search Algorithm with Applications to Power System Problems. <i>Studies in Computational Intelligence</i> , 2019 , 137-166	0.8	2
83	Optimization Based on the Behavior of Locust Swarms. <i>Studies in Computational Intelligence</i> , 2016 , 101-128		2
82	Segmentation with Learning Automata 2011 ,		2
81	COVID-19 detection from CT scans using a two-stage framework.. <i>Expert Systems With Applications</i> , 2022 , 193, 116377	7.8	2
80	Multi-level Image Thresholding Segmentation Using 2D Histogram Non-local Means and Metaheuristics Algorithms. <i>Studies in Computational Intelligence</i> , 2020 , 121-149	0.8	2
79	Circle Detection on Images Based on an Evolutionary Algorithm that Reduces the Number of Function Evaluations. <i>Intelligent Systems Reference Library</i> , 2016 , 139-167	0.8	2
78	A novel hybrid metaheuristic optimization method: hypercube natural aggregation algorithm. <i>Soft Computing</i> , 2020 , 24, 8823-8856	3.5	2
77	Comparison of Circular Symmetric Low-Pass Digital IIR Filter Design Using Evolutionary Computation Techniques. <i>Mathematics</i> , 2020 , 8, 1226	2.3	2
76	Introduction to Metaheuristics Methods. <i>Studies in Computational Intelligence</i> , 2019 , 1-8	0.8	2
75	Metaheuristics Algorithms in Power Systems. <i>Studies in Computational Intelligence</i> , 2019 ,	0.8	2
74	The Selfish Herd Optimizer. <i>Intelligent Systems Reference Library</i> , 2020 , 69-109	0.8	2
73	Recent Metaheuristics Algorithms for Parameter Identification. <i>Studies in Computational Intelligence</i> , 2020 ,	0.8	2
72	Blood Vessel Segmentation Using Differential Evolution Algorithm. <i>Studies in Computational Intelligence</i> , 2021 , 151-167	0.8	2

71	Improved Unsupervised Color Segmentation Using a Modified HSV Color Model and a Bagging Procedure in K-Means++ Algorithm. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-23	1.1	2
70	Population management in metaheuristic algorithms: Could less be more?. <i>Applied Soft Computing Journal</i> , 2021 , 107, 107389	7.5	2
69	Multilevel Segmentation in Digital Images. <i>Studies in Computational Intelligence</i> , 2017 , 9-33	0.8	1
68	Template Matching Using a Physical Inspired Algorithm. <i>Intelligent Systems Reference Library</i> , 2017 , 93-108	1.1	1
67	A Medical Application: Blood Cell Segmentation by Circle Detection. <i>Intelligent Systems Reference Library</i> , 2017 , 135-157	0.8	1
66	Calibration of Fractional Fuzzy Controllers by Using the Social-Spider Method. <i>Studies in Computational Intelligence</i> , 2018 , 35-55	0.8	1
65	Identification of Fractional Chaotic Systems by Using the Locust Search Algorithm. <i>Studies in Computational Intelligence</i> , 2018 , 77-92	0.8	1
64	Image Segmentation Using an Evolutionary Method Based on Allostatic Mechanisms. <i>Studies in Computational Intelligence</i> , 2016 , 255-279	0.8	1
63	Circle Detection Algorithm Based on Electromagnetism-Like Optimization. <i>Intelligent Systems Reference Library</i> , 2013 , 907-934	0.8	1
62	Applying BAT Evolutionary Optimization to Image-Based Visual Servoing. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-11	1.1	1
61	Automatic Circle Detection on Images Based on an Evolutionary Algorithm That Reduces the Number of Function Evaluations. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-17	1.1	1
60	Experimental Analysis Between Exploration and Exploitation. <i>Intelligent Systems Reference Library</i> , 2021 , 249-269	0.8	1
59	Optimization Techniques in Parameters Setting for Induction Motor. <i>Studies in Computational Intelligence</i> , 2020 , 9-25	0.8	1
58	Differential Evolution Based Algorithm for Optimal Current Ripple Cancelation in an Unequal Interleaved Power Converter. <i>Mathematics</i> , 2021 , 9, 2755	2.3	1
57	An Enhanced Swarm Method Based on the Locust Search Algorithm. <i>Intelligent Systems Reference Library</i> , 2021 , 9-38	0.8	1
56	Segmentation of Blood Cell Images Using Evolutionary Methods. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 299-311	0.4	1
55	Automatic Segmentation by Using an Algorithm Based on the Behavior of Locust Swarms. <i>Intelligent Systems Reference Library</i> , 2016 , 229-269	0.8	1
54	An Evolutionary Approach to Improve the Halftoning Process. <i>Mathematics</i> , 2020 , 8, 1636	2.3	1

53	Numerical Optimization of Switching Ripples in the Double Dual Boost Converter through the Evolutionary Algorithm L-SHADE. <i>Mathematics</i> , 2020 , 8, 1911	2.3	1
52	An Introduction to Nature-Inspired Metaheuristics and Swarm Methods. <i>Intelligent Systems Reference Library</i> , 2020 , 1-41	0.8	1
51	Metaheuristics and Swarm Methods: A Discussion on Their Performance and Applications. <i>Intelligent Systems Reference Library</i> , 2020 , 43-67	0.8	1
50	Corner Detection Algorithm Based on Cellular Neural Networks (CNN) and Differential Evolution (DE). <i>Studies in Computational Intelligence</i> , 2021 , 125-149	0.8	1
49	Optimal Operation of the Voltage-Doubler Boost Converter through an Evolutionary Algorithm. <i>Mathematics</i> , 2021 , 9, 423	2.3	1
48	Computational Intelligence in Image Processing 2018. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-3	1.1	1
47	Digital Image Segmentation as an Optimization Problem. <i>Intelligent Systems Reference Library</i> , 2017 , 43-91	0.8	0
46	Using Bayesian optimization algorithm for model-based integration testing. <i>Soft Computing</i> , 1	3.5	0
45	Gravitational Search Algorithm for Non-linear System Identification Using ANFIS-Hammerstein Approach. <i>Studies in Computational Intelligence</i> , 2020 , 97-134	0.8	0
44	Fuzzy Logic Based Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2020 , 135-181	0.8	0
43	An Evolutionary Algorithm-Based PWM Strategy for a Hybrid Power Converter. <i>Mathematics</i> , 2020 , 8, 1247	2.3	0
42	Search Patterns Based on Trajectories Extracted from the Response of Second-Order Systems. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3430	2.6	0
41	Hyperparameter Optimization in a Convolutional Neural Network Using Metaheuristic Algorithms. <i>Studies in Computational Intelligence</i> , 2021 , 37-59	0.8	0
40	Evolutionary-Mean shift algorithm for dynamic multimodal function optimization. <i>Applied Soft Computing Journal</i> , 2021 , 113, 107880	7.5	0
39	A Metaheuristic Scheme Based on the Hunting Model of Yellow Saddle Goatfish. <i>Studies in Computational Intelligence</i> , 2021 , 11-61	0.8	0
38	Electromagnetism-Like Optimization Algorithm: An Introduction. <i>Intelligent Systems Reference Library</i> , 2017 , 23-41	0.8	
37	An EMO Improvement: Opposition-Based Electromagnetism-Like for Global Optimization. <i>Intelligent Systems Reference Library</i> , 2017 , 159-178	0.8	
36	A Competitive Memory Paradigm for Multimodal Optimization Driven by Clustering and Chaos. <i>Mathematics</i> , 2020 , 8, 934	2.3	

35	Metaheuristic Algorithms Based on Fuzzy Logic. <i>Studies in Computational Intelligence</i> , 2018 , 167-218	0.8
34	Reduction of Function Evaluations by using an evolutionary computation algorithm. <i>Studies in Computational Intelligence</i> , 2016 , 121-152	0.8
33	Computational Intelligence in Image Processing. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-3	1.1
32	Introductory Concepts of Metaheuristic Computation. <i>Intelligent Systems Reference Library</i> , 2021 , 1-8	0.8
31	A Metaheuristic Methodology Based on Fuzzy Logic Principles. <i>Intelligent Systems Reference Library</i> , 2021 , 39-89	0.8
30	A Metaheuristic Computation Scheme to Solve Energy Problems. <i>Intelligent Systems Reference Library</i> , 2021 , 91-120	0.8
29	A States of Matter Search-Based Scheme to Solve the Problem of Power Allocation in Plug-in Electric Cars. <i>Intelligent Systems Reference Library</i> , 2021 , 161-176	0.8
28	Locus Search Method for Power Loss Reduction on Distribution Networks. <i>Intelligent Systems Reference Library</i> , 2021 , 177-206	0.8
27	Blood Vessel and Optic Disc Segmentation Based on a Metaheuristic Method. <i>Intelligent Systems Reference Library</i> , 2021 , 207-228	0.8
26	Detection of White Blood Cells with Metaheuristic Computation. <i>Intelligent Systems Reference Library</i> , 2021 , 229-248	0.8
25	Multimodal States of Matter Search. <i>Studies in Computational Intelligence</i> , 2018 , 119-165	0.8
24	The States of Matter Search (SMS). <i>Studies in Computational Intelligence</i> , 2018 , 93-118	0.8
23	Locust Search Algorithm Applied for Template Matching. <i>Intelligent Systems Reference Library</i> , 2020 , 279-296	0.8
22	Auto-calibration of Fractional Fuzzy Controllers by Using the Swarm Social-Spider Method. <i>Intelligent Systems Reference Library</i> , 2020 , 189-209	0.8
21	Neighborhood Based Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2020 , 183-243	0.8
20	Knowledge-Based Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2020 , 245-277	0.8
19	Leukocyte Detection Through an Evolutionary Method. <i>Studies in Fuzziness and Soft Computing</i> , 2015 , 139-163	0.7
18	Leukocyte Detection by Using Electromagnetism-like Optimization. <i>Intelligent Systems Reference Library</i> , 2016 , 203-227	0.8

17	Motion Estimation Based on Artificial Bee Colony (ABC). <i>Intelligent Systems Reference Library</i> , 2016 , 23-50.8	
16	Estimation of Multiple View Relations Considering Evolutionary Approaches. <i>Intelligent Systems Reference Library</i> , 2016 , 107-138	0.8
15	Motion Estimation. <i>Studies in Computational Intelligence</i> , 2017 , 95-116	0.8
14	Photovoltaic Cell Design. <i>Studies in Computational Intelligence</i> , 2017 , 117-138	0.8
13	Estimation of View Transformations in Images. <i>Studies in Computational Intelligence</i> , 2017 , 181-204	0.8
12	Artificial Bee Colony Algorithm Applied to Multi-threshold Segmentation. <i>Intelligent Systems Reference Library</i> , 2017 , 193-214	0.8
11	Global Optimization Using Opposition-Based Electromagnetism-Like Algorithm. <i>Intelligent Systems Reference Library</i> , 2017 , 77-100	0.8
10	Learning Automata in Control Planning Strategies. <i>Studies in Computational Intelligence</i> , 2011 , 27-54	0.8
9	Fast Circle Detection Using Harmony Search Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 313-325	0.4
8	A mean shift segmentation scheme using several pixel characteristics. <i>Computers and Electrical Engineering</i> , 2021 , 90, 107022	4.3
7	Computational Intelligence in Image Processing 2016. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-3	1.1
6	Multimodal Swarm Algorithm Based on the Collective Animal Behavior (CAB) for Circle Detection. <i>Intelligent Systems Reference Library</i> , 2020 , 241-278	0.8
5	Metaheuristic Algorithm Based on Hybridization of Invasive Weed Optimization and Estimation Distribution Methods. <i>Studies in Computational Intelligence</i> , 2021 , 63-123	0.8
4	Introductory Concepts of Metaheuristic Computation. <i>Studies in Computational Intelligence</i> , 2021 , 1-9	0.8
3	Implementation of Metaheuristics with Extreme Learning Machines. <i>Studies in Computational Intelligence</i> , 2021 , 125-147	0.8
2	The Metaheuristic Algorithm of the Locust-Search. <i>Studies in Computational Intelligence</i> , 2018 , 57-76	0.8
1	Thresholding Algorithm Applied to Chest X-Ray Images with Pneumonia. <i>Studies in Computational Intelligence</i> , 2021 , 359-407	0.8