Erik Cuevas

List of Publications by Year
in descending order

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185	5,051	94269	102304
papers	citations	37 h-index	66 g-index

211	211	211	3628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A swarm optimization algorithm inspired in the behavior of the social-spider. Expert Systems With Applications, 2013, 40, 6374-6384.	4.4	464
2	Parameter identification of solar cells using artificial bee colony optimization. Energy, 2014, 72, 93-102.	4.5	375
3	An agent-based model to evaluate the COVID-19 transmission risks in facilities. Computers in Biology and Medicine, 2020, 121, 103827.	3.9	224
4	An optimization algorithm inspired by the States of Matter that improves the balance between exploration and exploitation. Applied Intelligence, 2014, 40, 256-272.	3.3	181
5	A better balance in metaheuristic algorithms: Does it exist?. Swarm and Evolutionary Computation, 2020, 54, 100671.	4.5	165
6	Cross entropy based thresholding for magnetic resonance brain images using Crow Search Algorithm. Expert Systems With Applications, 2017, 79, 164-180.	4.4	162
7	A comparison of nature inspired algorithms for multi-threshold image segmentation. Expert Systems With Applications, 2013, 40, 1213-1219.	4.4	138
8	A novel multi-threshold segmentation approach based on differential evolution optimization. Expert Systems With Applications, 2010, 37, 5265-5271.	4.4	137
9	A Multilevel Thresholding algorithm using electromagnetism optimization. Neurocomputing, 2014, 139, 357-381.	3.5	137
10	A global optimization algorithm inspired in the behavior of selfish herds. BioSystems, 2017, 160, 39-55.	0.9	135
11	A new algorithm inspired in the behavior of the social-spider for constrained optimization. Expert Systems With Applications, 2014, 41, 412-425.	4.4	128
12	Multilevel Thresholding Segmentation Based on Harmony Search Optimization. Journal of Applied Mathematics, 2013, 2013, 1-24.	0.4	110
13	From ants to whales: metaheuristics for all tastes. Artificial Intelligence Review, 2020, 53, 753-810.	9.7	109
14	Circle detection using electro-magnetism optimization. Information Sciences, 2012, 182, 40-55.	4.0	103
15	A multi-threshold segmentation approach based on Artificial Bee Colony optimization. Applied Intelligence, 2012, 37, 321-336.	3.3	92
16	An improved opposition-based marine predators algorithm for global optimization and multilevel thresholding image segmentation. Knowledge-Based Systems, 2021, 229, 107348.	4.0	92
17	An Improved Crow Search Algorithm Applied to Energy Problems. Energies, 2018, 11, 571.	1.6	85
18	A multi-level thresholding method for breast thermograms analysis using Dragonfly algorithm. Infrared Physics and Technology, 2018, 93, 346-361.	1.3	85

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19	An Algorithm for Global Optimization Inspired by Collective Animal Behavior. Discrete Dynamics in Nature and Society, 2012, 2012, 1-24.	0.5	57
20	A novel bio-inspired optimization model based on Yellow Saddle Goatfish behavior. BioSystems, 2018, 174, 1-21.	0.9	56
21	Circle detection using discrete differential evolution optimization. Pattern Analysis and Applications, 2011, 14, 93-107.	3.1	55
22	A novel evolutionary algorithm inspired by the states of matter for template matching. Expert Systems With Applications, 2013, 40, 6359-6373.	4.4	55
23	Block matching algorithm for motion estimation based on Artificial Bee Colony (ABC). Applied Soft Computing Journal, 2013, 13, 3047-3059.	4.1	54
24	Multi-circle detection on images using artificial bee colony (ABC) optimization. Soft Computing, 2012, 16, 281-296.	2.1	51
25	Entropy-based imagery segmentation for breast histology using the Stochastic Fractal Search. Neurocomputing, 2018, 321, 201-215.	3.5	49
26	Harris Hawks optimisation with Simulated Annealing as a deep feature selection method for screening of COVID-19 CT-scans. Applied Soft Computing Journal, 2021, 111, 107698.	4.1	49
27	Block-matching algorithm based on differential evolution for motion estimation. Engineering Applications of Artificial Intelligence, 2013, 26, 488-498.	4.3	48
28	AltWOA: Altruistic Whale Optimization Algorithm for feature selection on microarray datasets. Computers in Biology and Medicine, 2022, 144, 105349.	3.9	47
29	Transition pixel: A concept for binarization based on edge detection and gray-intensity histograms. Pattern Recognition, 2010, 43, 1233-1243.	5.1	46
30	Improving multi-criterion optimization with chaos: a novel Multi-Objective Chaotic Crow Search Algorithm. Neural Computing and Applications, 2018, 29, 319-335.	3.2	45
31	Circle Detection by Harmony Search Optimization. Journal of Intelligent and Robotic Systems: Theory and Applications, 2012, 66, 359-376.	2.0	43
32	A Comparison of Evolutionary Computation Techniques for IIR Model Identification. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.4	43
33	An optimisation algorithm based on the behaviour of locust swarms. International Journal of Bio-Inspired Computation, 2015, 7, 402.	0.6	43
34	Nonlinear system identification based on ANFIS-Hammerstein model using Gravitational search algorithm. Applied Intelligence, 2018, 48, 182-203.	3.3	43
35	Seeking multi-thresholds for image segmentation with Learning Automata. Machine Vision and Applications, 2011, 22, 805-818.	1.7	42
36	COVID-19 detection from CT scans using a two-stage framework. Expert Systems With Applications, 2022, 193, 116377.	4.4	42

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37	Block-matching algorithm based on harmony search optimization for motion estimation. Applied Intelligence, 2013, 39, 165-183.	3.3	41
38	An opposition-based social spider optimization for feature selection. Soft Computing, 2019, 23, 13547-13567.	2.1	41
39	Multithreshold Segmentation by Using an Algorithm Based on the Behavior of Locust Swarms. Mathematical Problems in Engineering, 2015, 2015, 1-25.	0.6	38
40	Image segmentation by minimum cross entropy using evolutionary methods. Soft Computing, 2019, 23, 431-450.	2.1	38
41	A Swarm Approach for Improving Voltage Profiles and Reduce Power Loss on Electrical Distribution Networks. IEEE Access, 2018, 6, 49498-49512.	2.6	32
42	Automatic multiple circle detection based on artificial immune systems. Expert Systems With Applications, 2012, 39, 713-722.	4.4	31
43	A Cuckoo Search Algorithm for Multimodal Optimization. Scientific World Journal, The, 2014, 2014, 1-20.	0.8	31
44	Social Spider Optimization Algorithm: Modifications, Applications, and Perspectives. Mathematical Problems in Engineering, 2018, 2018, 1-29.	0.6	31
45	An improved Simulated Annealing algorithm based on ancient metallurgy techniques. Applied Soft Computing Journal, 2019, 84, 105761.	4.1	29
46	A new metaheuristic optimization methodology based on fuzzy logic. Applied Soft Computing Journal, 2017, 61, 549-569.	4.1	28
47	Side-Blotched Lizard Algorithm: A polymorphic population approach. Applied Soft Computing Journal, 2020, 88, 106039.	4.1	27
48	The Locust Swarm Optimization Algorithm. Intelligent Systems Reference Library, 2020, , 139-159.	1.0	25
49	An optimization algorithm for multimodal functions inspired by collective animal behavior. Soft Computing, 2013, 17, 489-502.	2.1	24
50	Flower Pollination Algorithm for Multimodal Optimization. International Journal of Computational Intelligence Systems, 2017, 10, 627.	1.6	24
51	Transition thresholds and transition operators for binarization and edge detection. Pattern Recognition, 2010, 43, 3243-3254.	5.1	23
52	Improving segmentation velocity using an evolutionary method. Expert Systems With Applications, 2015, 42, 5874-5886.	4.4	23
53	A hybrid optimization approach based on clustering and chaotic sequences. International Journal of Machine Learning and Cybernetics, 2020, 11, 359-401.	2.3	22
54	White Blood Cell Segmentation by Circle Detection Using Electromagnetism-Like Optimization. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-15.	0.7	21

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55	An Improved Computer Vision Method for White Blood Cells Detection. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-14.	0.7	21
56	A selection method for evolutionary algorithms based on the Golden Section. Expert Systems With Applications, 2018, 106, 183-196.	4.4	20
57	Moth Swarm Algorithm for Image Contrast Enhancement. Knowledge-Based Systems, 2021, 212, 106607.	4.0	19
58	Multithreshold Segmentation Based on Artificial Immune Systems. Mathematical Problems in Engineering, 2012, 2012, 1-20.	0.6	18
59	Multi-ellipses detection on images inspired by collective animal behavior. Neural Computing and Applications, 2014, 24, 1019-1033.	3.2	18
60	Corner detection of intensity images with cellular neural networks (CNN) and evolutionary techniques. Neurocomputing, 2019, 347, 82-93.	3.5	17
61	Group-based synchronous-asynchronous Grey Wolf Optimizer. Applied Mathematical Modelling, 2021, 93, 226-243.	2.2	17
62	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.	1.6	16
63	Multi-circle detection on images inspired by collective animal behavior. Applied Intelligence, 2013, 39, 101-120.	3.3	15
64	A new descriptor for image matching based on bionic principles. Pattern Analysis and Applications, 2017, 20, 1245-1259.	3.1	15
65	A Chaos-Embedded Gravitational Search Algorithm for the Identification of Electrical Parameters of Photovoltaic Cells. Energies, 2017, 10, 1052.	1.6	15
66	A Multimodal Optimization Algorithm Inspired by the States of Matter. Neural Processing Letters, 2018, 48, 517-556.	2.0	14
67	Unassisted thresholding based on multi-objective evolutionary algorithms. Knowledge-Based Systems, 2018, 159, 221-232.	4.0	14
68	A template matching approach based on the behavior of swarms of locust. Applied Intelligence, 2017, 47, 1087-1098.	3.3	14
69	Ls-II: An Improved Locust Search Algorithm for Solving Optimization Problems. Mathematical Problems in Engineering, 2018, 2018, 1-15.	0.6	13
70	Hyperparameter Optimization in a Convolutional Neural Network Using Metaheuristic Algorithms. Studies in Computational Intelligence, 2021, , 37-59.	0.7	13
71	Unsupervised measures for parameter selection of binarization algorithms. Pattern Recognition, 2011, 44, 491-502.	5.1	12
72	An optimization for binarization methods by removing binary artifacts. Pattern Recognition Letters, 2013, 34, 1299-1306.	2.6	12

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73	Template matching using an improved electromagnetism-like algorithm. Applied Intelligence, 2014, 41, 791-807.	3.3	12
74	An optimization algorithm guided by a machine learning approach. International Journal of Machine Learning and Cybernetics, 2019, 10, 2963-2991.	2.3	12
75	Population management in metaheuristic algorithms: Could less be more?. Applied Soft Computing Journal, 2021, 107, 107389.	4.1	12
76	Visual attention-based deepfake video forgery detection. Pattern Analysis and Applications, 2022, 25, 981-992.	3.1	12
77	An agent-based transmission model of COVID-19 for re-opening policy design. Computers in Biology and Medicine, 2022, 148, 105847.	3.9	12
78	Evolutionary calibration of fractional fuzzy controllers. Applied Intelligence, 2017, 47, 291-303.	3.3	11
79	Fast multi-feature image segmentation. Applied Mathematical Modelling, 2021, 90, 742-757.	2.2	11
80	Robust Clustering Routing Method for Wireless Sensor Networks Considering the Locust Search Scheme. Energies, 2021, 14, 3019.	1.6	11
81	Thermal Image Segmentation Using Evolutionary Computation Techniques. Studies in Computational Intelligence, 2018, , 63-88.	0.7	11
82	Reducing overlapped pixels: a multi-objective color thresholding approach. Soft Computing, 2020, 24, 6787-6807.	2.1	10
83	Evolutionary-Mean shift algorithm for dynamic multimodal function optimization. Applied Soft Computing Journal, 2021, 113, 107880.	4.1	10
84	Image Segmentation Using Artificial Bee Colony Optimization. Intelligent Systems Reference Library, 2013, , 965-990.	1.0	9
85	An Educational Fuzzy-Based Control Platform Using LEGO Robots. International Journal of Electrical Engineering and Education, 2013, 50, 157-171.	0.4	9
86	An analysis of the transition proportion for binarization in handwritten historical documents. Pattern Recognition, 2014, 47, 2635-2651.	5.1	9
87	A new metaheuristic approach based on agent systems principles. Journal of Computational Science, 2020, 47, 101244.	1.5	9
88	Electromagnetism-like mechanism with collective animal behavior for multimodal optimization. Applied Intelligence, 2018, 48, 2580-2612.	3.3	8
89	Metaheuristics Algorithms in Power Systems. Studies in Computational Intelligence, 2019, , .	0.7	8
90	Anisotropic diffusion filtering through multi-objective optimization. Mathematics and Computers in Simulation, 2021, 181, 410-429.	2.4	8

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91	Circle Detection on Images Using Learning Automata. Studies in Computational Intelligence, 2013, , 545-570.	0.7	7
92	A Swarm Optimization Algorithm for Multimodal Functions and Its Application in Multicircle Detection. Mathematical Problems in Engineering, 2013, 2013, 1-22.	0.6	7
93	Locust Search Algorithm Applied to Multi-threshold Segmentation. Intelligent Systems Reference Library, 2020, , 211-240.	1.0	7
94	Learning classical and metaheuristic optimization techniques by using an educational platform based on LEGO robots. International Journal of Electrical Engineering and Education, 2021, 58, 286-305.	0.4	7
95	Otsu and Kapur Segmentation Based on Harmony Search Optimization. Intelligent Systems Reference Library, 2016, , 169-202.	1.0	7
96	Parameter Estimation for Chaotic Fractional Systems by Using the Locust Search Algorithm. Computacion Y Sistemas, 2017, 21, .	0.2	7
97	Efficient image segmentation through 2D histograms and an improved owl search algorithm. International Journal of Machine Learning and Cybernetics, 2021, 12, 131-150.	2.3	6
98	Low-Cost Commercial Legoâ„¢ Platform for Mobile Robotics. International Journal of Electrical Engineering and Education, 2010, 47, 132-150.	0.4	5
99	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.	2.7	5
100	A Multiobjective Approach to Homography Estimation. Computational Intelligence and Neuroscience, 2016, 2016, 1-12.	1.1	5
101	A Modified Crow Search Algorithm with Applications to Power System Problems. Studies in Computational Intelligence, 2019, , 137-166.	0.7	5
102	A novel hybrid metaheuristic optimization method: hypercube natural aggregation algorithm. Soft Computing, 2020, 24, 8823-8856.	2.1	5
103	An Improved Grey Wolf Optimizer for a Supplier Selection and Order Quantity Allocation Problem. Mathematics, 2020, 8, 1457.	1.1	5
104	POLYNOMIAL TRAJECTORY ALGORITHM FOR A BIPED ROBOT. International Journal of Robotics and Automation, 2010, 25, .	0.1	5
105	Using Bayesian optimization algorithm for model-based integration testing. Soft Computing, 2022, 26, 3503-3525.	2.1	5
106	Image contrast improvement through a metaheuristic scheme. Soft Computing, 2023, 27, 13657-13676.	2.1	5
107	A Method for Estimating View Transformations from Image Correspondences Based on the Harmony Search Algorithm. Computational Intelligence and Neuroscience, 2015, 2015, 1-15.	1.1	4
108	An Optimization Based Approach for Maximizing the Information Content of Keypoints Detected on a Digital Image. , 2016, , .		4

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109	Engineering Applications of Soft Computing. Intelligent Systems Reference Library, 2017, , .	1.0	4
110	A hybrid evolutionary approach based on the invasive weed optimization and estimation distribution algorithms. Soft Computing, 2019, 23, 13627-13668.	2.1	4
111	A reactive model based on neighborhood consensus for continuous optimization. Expert Systems With Applications, 2019, 121, 115-141.	4.4	4
112	Numerical Optimization of Switching Ripples in the Double Dual Boost Converter through the Evolutionary Algorithm L-SHADE. Mathematics, 2020, 8, 1911.	1.1	4
113	Comparison of Circular Symmetric Low-Pass Digital IIR Filter Design Using Evolutionary Computation Techniques. Mathematics, 2020, 8, 1226.	1.1	4
114	An Enhanced Crow Search Algorithm Applied to Energy Approaches. Studies in Computational Intelligence, 2020, , 27-49.	0.7	4
115	Comparison of Solar Cells Parameters Estimation Using Several Optimization Algorithms. Studies in Computational Intelligence, 2020, , 51-95.	0.7	4
116	Motion Estimation Algorithm Using Block-Matching and Harmony Search Optimization. Intelligent Systems Reference Library, 2017, , 13-44.	1.0	4
117	Segmentation with Learning Automata. , 2011, , .		3
118	Advances of Evolutionary Computation: Methods and Operators. Studies in Computational Intelligence, 2016, , .	0.7	3
119	Multi-circle Detection on Images. Studies in Computational Intelligence, 2017, , 35-64.	0.7	3
120	Digital Image Segmentation as an Optimization Problem. Intelligent Systems Reference Library, 2017, , 43-91.	1.0	3
121	Advances in Metaheuristics Algorithms: Methods and Applications. Studies in Computational Intelligence, 2018, , .	0.7	3
122	Real-time video thresholding using evolutionary techniques and cross entropy. , 2018, , .		3
123	An Introduction to Nature-Inspired Metaheuristics and Swarm Methods. Intelligent Systems Reference Library, 2020, , 1-41.	1.0	3
124	The Selfish Herd Optimizer. Intelligent Systems Reference Library, 2020, , 69-109.	1.0	3
125	An Evolutionary Approach to Improve the Halftoning Process. Mathematics, 2020, 8, 1636.	1.1	3
126	An Evolutionary Algorithm-Based PWM Strategy for a Hybrid Power Converter. Mathematics, 2020, 8, 1247.	1.1	3

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127	A Competitive Swarm Algorithm for Image Segmentation Guided by Opposite Fuzzy Entropy. , 2020, , .		3
128	Blood Vessel Segmentation Using Differential Evolution Algorithm. Studies in Computational Intelligence, 2021, , 151-167.	0.7	3
129	Search Patterns Based on Trajectories Extracted from the Response of Second-Order Systems. Applied Sciences (Switzerland), 2021, 11, 3430.	1.3	3
130	Differential Evolution Based Algorithm for Optimal Current Ripple Cancelation in an Unequal Interleaved Power Converter. Mathematics, 2021, 9, 2755.	1.1	3
131	Circle Detection Algorithm Based on Electromagnetism-Like Optimization. Intelligent Systems Reference Library, 2013, , 907-934.	1.0	2
132	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.	0.6	2
133	Filter Design. Studies in Computational Intelligence, 2017, , 205-222.	0.7	2
134	Computational Intelligence in Image Processing 2018. Mathematical Problems in Engineering, 2018, 2018, 1-3.	0.6	2
135	Improved Unsupervised Color Segmentation Using a Modified <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>H</mml:mi><mml:mi>S</mml:mi><mml:mi>V</mml:mi></mml:math> Color Model and a Bagging Procedure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:mi>K</mml:mi></mml:mrow></mml:math>-Means++ Algorithm. Mathematical Problems in Engineering, 2018, 2018, 1-23.	0.6	2
136	Metaheuristics and Swarm Methods: A Discussion on Their Performance and Applications. Intelligent Systems Reference Library, 2020, , 43-67.	1.0	2
137	Optimal Operation of the Voltage-Doubler Boost Converter through an Evolutionary Algorithm. Mathematics, 2021, 9, 423.	1.1	2
138	Circle Detection on Images Based on an Evolutionary Algorithm that Reduces the Number of Function Evaluations. Intelligent Systems Reference Library, 2016, , 139-167.	1.0	2
139	Fuzzy Logic Based Optimization Algorithm. Studies in Computational Intelligence, 2020, , 135-181.	0.7	2
140	Experimental Analysis Between Exploration and Exploitation. Intelligent Systems Reference Library, 2021, , 249-269.	1.0	2
141	An Incremental Fuzzy Algorithm for the Balance of Humanoid Robots. , 0, , .		1
142	Applying BAT Evolutionary Optimization to Image-Based Visual Servoing. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	1
143	Image Segmentation Using an Evolutionary Method Based on Allostatic Mechanisms. Studies in Computational Intelligence, 2016, , 255-279.	0.7	1
144	Multilevel Segmentation in Digital Images. Studies in Computational Intelligence, 2017, , 9-33.	0.7	1

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145	Template Matching Using a Physical Inspired Algorithm. Intelligent Systems Reference Library, 2017, , 93-111.	1.0	1
146	An EMO Improvement: Opposition-Based Electromagnetism-Like for Global Optimization. Intelligent Systems Reference Library, 2017, , 159-178.	1.0	1
147	Calibration of Fractional Fuzzy Controllers by Using the Social-Spider Method. Studies in Computational Intelligence, 2018, , 35-55.	0.7	1
148	Identification of Fractional Chaotic Systems by Using the Locust Search Algorithm. Studies in Computational Intelligence, 2018, , 77-92.	0.7	1
149	Remote sensing imagery segmentation based on multi-objective optimization algorithms. , 2018, , .		1
150	Corner Detection Algorithm Based on Cellular Neural Networks (CNN) and Differential Evolution (DE). Studies in Computational Intelligence, 2021, , 125-149.	0.7	1
151	A mean shift segmentation scheme using several pixel characteristics. Computers and Electrical Engineering, 2021, 90, 107022.	3.0	1
152	Thresholding Algorithm Applied toÂChest X-Ray Images with Pneumonia. Studies in Computational Intelligence, 2021, , 359-407.	0.7	1
153	A Metaheuristic Scheme Based on the Hunting Model of Yellow Saddle Goatfish. Studies in Computational Intelligence, 2021, , 11-61.	0.7	1
154	An Enhanced Swarm Method Based on the Locust Search Algorithm. Intelligent Systems Reference Library, 2021, , 9-38.	1.0	1
155	Segmentation of Blood Cell Images Using Evolutionary Methods. Advances in Intelligent Systems and Computing, 2013, , 299-311.	0.5	1
156	Computational Intelligence in Image Processing. Mathematical Problems in Engineering, 2013, 2013, 1-3.	0.6	0
157	Computational Intelligence in Image Processing 2016. Mathematical Problems in Engineering, 2016, 2016, 1-3.	0.6	0
158	Reduction of Function Evaluations by using an evolutionary computation algorithm. Studies in Computational Intelligence, 2016, , 121-152.	0.7	0
159	Electromagnetismâ€"Like Optimization Algorithm: An Introduction. Intelligent Systems Reference Library, 2017, , 23-41.	1.0	0
160	Metaheuristic Algorithms Based on Fuzzy Logic. Studies in Computational Intelligence, 2018, , 167-218.	0.7	0
161	Multimodal Swarm Algorithm Based on the Collective Animal Behavior (CAB) for Circle Detection. Intelligent Systems Reference Library, 2020, , 241-278.	1.0	0
162	A Competitive Memory Paradigm for Multimodal Optimization Driven by Clustering and Chaos. Mathematics, 2020, 8, 934.	1.1	0

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163	Metaheuristic Algorithm Based on Hybridization of Invasive Weed Optimization asnd Estimation Distribution Methods. Studies in Computational Intelligence, 2021, , 63-123.	0.7	0
164	Introductory Concepts of Metaheuristic Computation. Studies in Computational Intelligence, 2021, , 1-9.	0.7	0
165	Learning Automata in Control Planning Strategies. Studies in Computational Intelligence, 2011, , 27-54.	0.7	0
166	Fast Circle Detection Using Harmony Search Optimization. Advances in Intelligent Systems and Computing, 2013, , 313-325.	0.5	0
167	Leukocyte Detection by Using Electromagnetism-like Optimization. Intelligent Systems Reference Library, 2016, , 203-227.	1.0	0
168	Motion Estimation Based on Artificial Bee Colony (ABC). Intelligent Systems Reference Library, 2016, , 23-51.	1.0	0
169	Estimation of Multiple View Relations Considering Evolutionary Approaches. Intelligent Systems Reference Library, 2016, , 107-138.	1.0	0
170	Motion Estimation. Studies in Computational Intelligence, 2017, , 95-116.	0.7	0
171	Photovoltaic Cell Design. Studies in Computational Intelligence, 2017, , 117-138.	0.7	0
172	Estimation of View Transformations in Images. Studies in Computational Intelligence, 2017, , 181-204.	0.7	0
173	Artificial Bee Colony Algorithm Applied to Multi-threshold Segmentation. Intelligent Systems Reference Library, 2017, , 193-214.	1.0	0
174	Multimodal States of Matter Search. Studies in Computational Intelligence, 2018, , 119-165.	0.7	0
175	The States of Matter Search (SMS). Studies in Computational Intelligence, 2018, , 93-118.	0.7	0
176	Locust Search Algorithm Applied for Template Matching. Intelligent Systems Reference Library, 2020, , 279-296.	1.0	0
177	Auto-calibration of Fractional Fuzzy Controllers by Using the Swarm Social-Spider Method. Intelligent Systems Reference Library, 2020, , 189-209.	1.0	0
178	Neighborhood Based Optimization Algorithm. Studies in Computational Intelligence, 2020, , 183-243.	0.7	0
179	Knowledge-Based Optimization Algorithm. Studies in Computational Intelligence, 2020, , 245-277.	0.7	0
180	Introductory Concepts of Metaheuristic Computation. Intelligent Systems Reference Library, 2021, , 1-8.	1.0	0

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181	A Metaheuristic Methodology Based on Fuzzy Logic Principles. Intelligent Systems Reference Library, 2021, , 39-89.	1.0	0
182	A Metaheuristic Computation Scheme to Solve Energy Problems. Intelligent Systems Reference Library, 2021, , 91-120.	1.0	0
183	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.	1.0	0
184	Locus Search Method for Power Loss Reduction on Distribution Networks. Intelligent Systems Reference Library, 2021, , 177-206.	1.0	0
185	Blood Vessel and Optic Disc Segmentation Based on a Metaheuristic Method. Intelligent Systems Reference Library, 2021, , 207-228.	1.0	0