

Yiqiao Cai

List of Publications by Year in descending order

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813
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Evolution With Neighborhood and Direction Information for Numerical Optimization. IEEE Transactions on Cybernetics, 2013, 43, 2202-2215.	6.2	238
2	Trajectory Privacy Preservation Based on a Fog Structure for Cloud Location Services. IEEE Access, 2017, 5, 7692-7701.	2.6	87
3	Learning-enhanced differential evolution for numerical optimization. Soft Computing, 2012, 16, 303-330.	2.1	49
4	Propagation Modeling and Defending of a Mobile Sensor Worm in Wireless Sensor and Actuator Networks. Sensors, 2017, 17, 139.	2.1	46
5	Neighborhood-adaptive differential evolution for global numerical optimization. Applied Soft Computing Journal, 2017, 59, 659-706.	4.1	33
6	Cellular direction information based differential evolution for numerical optimization: an empirical study. Soft Computing, 2016, 20, 2801-2827.	2.1	29
7	Differential evolution with guiding archive for global numerical optimization. Applied Soft Computing Journal, 2016, 43, 424-440.	4.1	28
8	Adaptive direction information in differential evolution for numerical optimization. Soft Computing, 2016, 20, 465-494.	2.1	25
9	Optimal matrix embedding for Voice-over-IP steganography. Signal Processing, 2015, 117, 33-43.	2.1	23
10	Neighborhood guided differential evolution. Soft Computing, 2017, 21, 4769-4812.	2.1	23
11	Multiobjective evolutionary algorithm for frequency assignment problem in satellite communications. Soft Computing, 2015, 19, 1229-1253.	2.1	22
12	Public audit for operation behavior logs with error locating in cloud storage. Soft Computing, 2019, 23, 3779-3792.	2.1	21
13	Fog-Based Evaluation Approach for Trustworthy Communication in Sensor-Cloud System. IEEE Communications Letters, 2017, 21, 2532-2535.	2.5	17
14	Enabling public auditability for operation behaviors in cloud storage. Soft Computing, 2017, 21, 2175-2187.	2.1	16
15	Improving differential evolution with a new selection method of parents for mutation. Frontiers of Computer Science, 2016, 10, 246-269.	1.6	15
16	Extracting Target Detection Knowledge Based on Spatiotemporal Information in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 5831471.	1.3	15
17	Improved adaptive partial-matching steganography for Voice over IP. Computer Communications, 2015, 70, 95-108.	3.1	13
18	Learnable tabu search guided by estimation of distribution for maximum diversity problems. Soft Computing, 2012, 16, 711-728.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Differential evolution with distributed direction information based mutation operators: an optimization technique for big data. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2015, 6, 481-494.	3.3	12
20	Design and implementation of wireless monitoring network for temperature-humidity measurement. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2016, 7, 131-138.	3.3	11
21	Distributed steganalysis of compressed speech. <i>Soft Computing</i> , 2017, 21, 795-804.	2.1	10
22	Steganalysis of Low Bit-Rate Speech Based on Statistic Characteristics of Pulse Positions. , 2015, , .		9
23	Steganalysis of analysisâ€”synthesis speech exploiting pulseâ€”position distribution characteristics. <i>Security and Communication Networks</i> , 2016, 9, 2934-2944.	1.0	9
24	A Decomposition-Based Local Search for Large-Scale Many-Objective Vehicle Routing Problems With Simultaneous Delivery and Pickup and Time Windows. <i>IEEE Systems Journal</i> , 2020, 14, 5253-5264.	2.9	9
25	Improving Differential Evolution with Ring Topology-Based Mutation Operators. , 2014, , .		6
26	A Novel Neighborhood-Dependent Mutation Operator for Differential Evolution. , 2017, , .		5
27	Differential Evolution With Adaptive Guiding Mechanism Based on Heuristic Rules. <i>IEEE Access</i> , 2019, 7, 58023-58040.	2.6	5
28	Multiobjective memetic algorithm based on adaptive local search chains for vehicle routing problem with time windows. <i>Evolutionary Intelligence</i> , 2022, 15, 2283-2294.	2.3	5
29	An Efficient VoIP Steganography Based on Random Binary Matrix. , 2015, , .		4
30	A Novel Connection Correlation Scheme Based on Threshold Secret Sharing. <i>IEEE Communications Letters</i> , 2016, 20, 2414-2417.	2.5	4
31	Detecting Steganography of Adaptive Multirate Speech with Unknown Embedding Rate. <i>Mobile Information Systems</i> , 2017, 2017, 1-18.	0.4	4
32	Detecting Steganography in Inactive Voice-Over-IP Frames Based on Statistic Characteristics of Fundamental Frequency. <i>IEEE Access</i> , 2020, 8, 6117-6129.	2.6	4
33	Steganalysis of Adaptive Multi-Rate Speech Based on Extreme Gradient Boosting. <i>Electronics (Switzerland)</i> , 2020, 9, 522.	1.8	4
34	Self-regulated differential evolution for real parameter optimization. <i>Applied Intelligence</i> , 2021, 51, 5873-5897.	3.3	4
35	Enhanced differential evolution with adaptive direction information. , 2014, , .		3
36	A Novel Botnet Detection Method Based on Preprocessing Data Packet by Graph Structure Clustering. , 2016, , .		2

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37	Steganalysis of Inactive Voice-Over-IP Frames Based on Poker Test. <i>Symmetry</i> , 2018, 10, 336.	1.1	2
38	A Neighborhood-Assisted Framework for Differential Evolution. <i>IEEE Access</i> , 2019, 7, 44338-44358.	2.6	2
39	A blind detection method for tracing the real source of DDoS attack packets by cluster matching. , 2016, , .		1
40	Secure Logging and Public Audit for Operation Behavior in Cloud Storage. , 2017, , .		1
41	Secure Public Audit for Operation Behavior Logs in Shared Cloud Storage. , 2017, , .		1
42	An enhanced utilization mechanism of population information for Differential evolution. <i>Evolutionary Intelligence</i> , 2018, , 1.	2.3	1
43	Enhancing Differential Evolution on Continuous Optimization Problems by Detecting Promising Leaders. <i>IEEE Access</i> , 2020, 8, 226557-226578.	2.6	1
44	Adaptive Differential Evolution with Competent Leaders. , 2013, , .		0