

# Ivana Strumberger

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,084  
citations

393982

19  
h-index

395343

33  
g-index

62  
all docs

62  
docs citations

62  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 cases prediction by using hybrid machine learning and beetle antennae search approach. Sustainable Cities and Society, 2021, 66, 102669.	5.1	230
2	Performance of Elephant Herding Optimization and Tree Growth Algorithm Adapted for Node Localization in Wireless Sensor Networks. Sensors, 2019, 19, 2515.	2.1	93
3	Wireless Sensor Networks Life Time Optimization Based on the Improved Firefly Algorithm. , 2020, , .		87
4	Optimizing Convolutional Neural Network Hyperparameters by Enhanced Swarm Intelligence Metaheuristics. Algorithms, 2020, 13, 67.	1.2	87
5	Task Scheduling in Cloud Computing Environment by Grey Wolf Optimizer. , 2019, , .		82
6	Resource Scheduling in Cloud Computing Based on a Hybridized Whale Optimization Algorithm. Applied Sciences (Switzerland), 2019, 9, 4893.	1.3	78
7	Enhanced Grey Wolf Algorithm for Energy Efficient Wireless Sensor Networks. , 2020, , .		77
8	Designing Convolutional Neural Network Architecture by the Firefly Algorithm. , 2019, , .		75
9	Hybrid Genetic Algorithm and Machine Learning Method for COVID-19 Cases Prediction. Lecture Notes in Networks and Systems, 2021, , 169-184.	0.5	74
10	Glioma Brain Tumor Grade Classification from MRI Using Convolutional Neural Networks Designed by Modified FA. Advances in Intelligent Systems and Computing, 2021, , 955-963.	0.5	62
11	Monarch Butterfly Optimization Based Convolutional Neural Network Design. Mathematics, 2020, 8, 936.	1.1	61
12	Classification and Feature Selection Method for Medical Datasets by Brain Storm Optimization Algorithm and Support Vector Machine. Procedia Computer Science, 2019, 162, 307-315.	1.2	56
13	Multi-objective task scheduling in cloud computing environment by hybridized bat algorithm. Journal of Intelligent and Fuzzy Systems, 2021, 42, 411-423.	0.8	55
14	Artificial Neural Networks Hidden Unit and Weight Connection Optimization by Quasi-Reflection-Based Learning Artificial Bee Colony Algorithm. IEEE Access, 2021, 9, 169135-169155.	2.6	55
15	Whale Optimization Algorithm with Exploratory Move for Wireless Sensor Networks Localization. Advances in Intelligent Systems and Computing, 2021, , 328-338.	0.5	53
16	Static drone placement by elephant herding optimization algorithm. , 2017, , .		50
17	Hybridized sine cosine algorithm with convolutional neural networks dropout regularization application. Scientific Reports, 2022, 12, 6302.	1.6	49
18	Multi-objective Task Scheduling in Cloud Computing Environment by Hybridized Bat Algorithm. Advances in Intelligent Systems and Computing, 2021, , 718-725.	0.5	48

#	ARTICLE	IF	CITATIONS
19	Feature Selection by Firefly Algorithm with Improved Initialization Strategy. , 2021, , .		46
20	Optimizing Convolutional Neural Network by Hybridized Elephant Herding Optimization Algorithm for Magnetic Resonance Image Classification of Glioma Brain Tumor Grade. , 2021, , .		45
21	Cloudlet Scheduling by Hybridized Monarch Butterfly Optimization Algorithm. Journal of Sensor and Actuator Networks, 2019, 8, 44.	2.3	39
22	Mobile Robot Path Planning by Improved Brain Storm Optimization Algorithm. , 2018, , .		36
23	Improved Harris Hawks Optimization Algorithm for Workflow Scheduling Challenge in Cloudâ€“Edge Environment. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 87-102.	0.5	36
24	Feed-Forward Neural Network Training by Hybrid Bat Algorithm. Communications in Computer and Information Science, 2021, , 52-66.	0.4	32
25	Monarch butterfly optimization algorithm for localization in wireless sensor networks. , 2018, , .		27
26	Enhanced firefly algorithm for constrained numerical optimization. , 2017, , .		26
27	Current Best Opposition-Based Learning Salp Swarm Algorithm for Global Numerical Optimization. , 2021, , .		26
28	Feature Selection Using Modified Sine Cosine Algorithm with COVID-19 Dataset. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 15-31.	0.5	26
29	Elephant Herding Optimization Algorithm for Wireless Sensor Network Localization Problem. IFIP Advances in Information and Communication Technology, 2018, , 175-184.	0.5	23
30	A Novel Method for COVID-19 Pandemic Information Fake News Detection Based on the Arithmetic Optimization Algorithm. , 2021, , .		22
31	RFID Network Planning by ABC Algorithm Hybridized with Heuristic for Initial Number and Locations of Readers. , 2015, , .		21
32	Dynamic Search Tree Growth Algorithm for Global Optimization. IFIP Advances in Information and Communication Technology, 2019, , 143-153.	0.5	21
33	Improving Energy Usage in Wireless Sensor Networks by Whale Optimization Algorithm. , 2021, , .		21
34	Convolutional Neural Network Architecture Design by the Tree Growth Algorithm Framework. , 2019, , .		20
35	Wireless Sensor Network Localization Problem by Hybridized Moth Search Algorithm. , 2018, , .		18
36	Constrained Portfolio Optimization by Hybridized Bat Algorithm. , 2016, , .		15

#	ARTICLE	IF	CITATIONS
37	Novel Harris Hawks Optimization and Deep Neural Network Approach for Intrusion Detection. Algorithms for Intelligent Systems, 2022, , 239-250.	0.5	15
38	Hybridized moth search algorithm for constrained optimization problems. , 2018, , .		14
39	Automatically Designing Convolutional Neural Network Architecture with Artificial Flora Algorithm. Advances in Intelligent Systems and Computing, 2020, , 371-378.	0.5	14
40	A Novel Multiswarm Firefly Algorithm: An Application for Plant Classification. Lecture Notes in Networks and Systems, 2022, , 1007-1016.	0.5	13
41	Dynamic Tree Growth Algorithm for Load Scheduling in Cloud Environments. , 2019, , .		12
42	Artificial Flora Optimization Algorithm for Task Scheduling in Cloud Computing Environment. Lecture Notes in Computer Science, 2019, , 437-445.	1.0	12
43	Improved Harris Hawks Optimization Adapted for Artificial Neural Network Training. Lecture Notes in Networks and Systems, 2022, , 281-289.	0.5	12
44	Hybridized Elephant Herding Optimization Algorithm for Constrained Optimization. Advances in Intelligent Systems and Computing, 2018, , 158-166.	0.5	10
45	Bare Bones Fireworks Algorithm for the RFID Network Planning Problem. , 2018, , .		10
46	Bare Bones Fireworks Algorithm for Capacitated p-Median Problem. Lecture Notes in Computer Science, 2018, , 283-291.	1.0	10
47	Feature Selection by Hybrid Binary Ant Lion Optimizer with COVID-19 dataset. , 2021, , .		10
48	Bare Bones Fireworks Algorithm for Feature Selection and SVM Optimization. , 2019, , .		9
49	Modified Monarch Butterfly Optimization Algorithm for RFID Network Planning. , 2018, , .		8
50	Dropout Probability Estimation in Convolutional Neural Networks by the Enhanced Bat Algorithm. , 2020, , .		8
51	Convolutional Neural Networks Hyperparameters Tuning. Studies in Computational Intelligence, 2021, , 65-84.	0.7	8
52	Cooperative clustering algorithm based on brain storm optimization and K-means. , 2018, , .		7
53	Modified and Hybridized Monarch Butterfly Algorithms for Multi-Objective Optimization. Advances in Intelligent Systems and Computing, 2020, , 449-458.	0.5	7
54	Cryptocurrency Price Prediction by Using Hybrid Machine Learning and Beetle Antennae Search Approach. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
55	Speed control and quantum vibration reduction of Brushless DC Motor using FPGA based Dynamic Power Containment Technique. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	6
56	Convolutional Neural Networks Hyperparameters Optimization Using Sine Cosine Algorithm. Advances in Intelligent Systems and Computing, 2022, , 863-878.	0.5	5
57	Brain Storm Optimization Algorithm for Thermal Image Fusion using DCT Coefficients. , 2019, , .		3
58	Acute Lymphoblastic Leukemia Detection by Tuned Convolutional Neural Network. , 2022, , .		3
59	An Improved Animal Migration Optimization Approach for Extreme Learning Machine Tuning. Lecture Notes in Networks and Systems, 2022, , 3-13.	0.5	3
60	XGBoost Design by Multi-verse Optimiser: An Application for Network Intrusion Detection. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 1-16.	0.5	3
61	Performance Analysis of the Fireworks Algorithm Versions. Lecture Notes in Computer Science, 2021, , 415-422.	1.0	2