

Bilal Alatas

List of Publications by Year in Descending Order

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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.

53
papers

2,193
citations

20
h-index

46
g-index

58
ext. papers

2,798
ext. citations

4.4
avg, IF

6.13
L-index

#	Paper	IF	Citations
53	War Strategy Optimization Algorithm: A New Effective Metaheuristic Algorithm for Global Optimization. <i>IEEE Access</i> , 2022 , 10, 25073-25105	3.5	16
52	A Modified Ant Lion Optimization Method and Its Application for Instance Reduction Problem in Balanced and Imbalanced Data. <i>Axioms</i> , 2022 , 11, 95	1.6	3
51	Differential evolution and sine cosine algorithm based novel hybrid multi-objective approaches for numerical association rule mining. <i>Information Sciences</i> , 2021 , 554, 198-221	7.7	10
50	New adaptive intelligent grey wolf optimizer based multi-objective quantitative classification rules mining approaches. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 9611-9635	3.7	3
49	A novel approach for efficient stance detection in online social networks with metaheuristic optimization. <i>Technology in Society</i> , 2021 , 64, 101501	6.3	0
48	. <i>IEEE Access</i> , 2021 , 9, 110047-110062	3.5	3
47	Anlađbilir Sđđlandđma Kurallarđđ Ayđđ Optimizasyon Algoritmasđđle Otomatik Keđđ. <i>Tđk Dđđ Ve Fen Dergisi</i> , 2021 , 10, 233-241	0	0
46	Association analysis of Parkinson disease with vocal change characteristics using multi-objective metaheuristic optimization. <i>Medical Hypotheses</i> , 2020 , 141, 109722	3.8	6
45	Comparative Assessment Of Light-based Intelligent Search And Optimization Algorithms 2020 , 51-59		19
44	Intelligent optimization algorithms for the problem of mining numerical association rules. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 540, 123142	3.3	8
43	A novel clinical decision support system for liver fibrosis using evolutionary multi-objective method based numerical association analysis. <i>Medical Hypotheses</i> , 2020 , 144, 110028	3.8	3
42	Chaos based optics inspired optimization algorithms as global solution search approach. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110434	9.3	22
41	Bird swarm algorithms with chaotic mapping. <i>Artificial Intelligence Review</i> , 2020 , 53, 1373-1414	9.7	34
40	Randomness as source for inspiring solution search methods: Music based approaches. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 537, 122650	3.3	5
39	Fake news detection within online social media using supervised artificial intelligence algorithms. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 540, 123174	3.3	91
38	Performance analysis of multi-objective artificial intelligence optimization algorithms in numerical association rule mining. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 3449-3469	3.7	11
37	Sentiment classification within online social media using whale optimization algorithm and social impact theory based optimization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 540, 123094	2.3	12

36	A new direction in social network analysis: Online social network analysis problems and applications. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 535, 122372	3.3	45
35	A Novel Approach for Detection of Fake News on Social Media Using Metaheuristic Optimization Algorithms. <i>Elektronika Ir Elektrotechnika</i> , 2019 , 25, 62-67	1.7	16
34	A Physics Based Novel Approach for Travelling Tournament Problem: Optics Inspired Optimization. <i>Information Technology and Control</i> , 2019 , 48, 373-388	1.3	19
33	Multi-objective Association Analysis of Parkinson Disease with Intelligent Optimization Algorithms 2019 ,		1
32	Assessment of Supervised Learning Algorithms for Irony Detection in Online Social Media 2019 ,		2
31	Detection of Customer Satisfaction on Unbalanced and Multi-Class Data Using Machine Learning Algorithms 2019 ,		4
30	Rumor Detection in Social Media Using Machine Learning Methods 2019 ,		2
29	Sensitivity Analysis of MODENAR Method for Mining of Numeric Association Rules 2019 ,		1
28	Performance Comparisons of Socially Inspired Metaheuristic Algorithms on Unconstrained Global Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 163-175	0.4	7
27	Sports inspired computational intelligence algorithms for global optimization. <i>Artificial Intelligence Review</i> , 2019 , 52, 1579-1627	9.7	29
26	Music based metaheuristic methods for constrained optimization 2018 ,		3
25	Sentiment analysis using Konstanz Information Miner in social networks 2018 ,		3
24	2018 ,		12
23	Plant intelligence based metaheuristic optimization algorithms. <i>Artificial Intelligence Review</i> , 2017 , 47, 417-462	9.7	64
22	Automatic Mining of Quantitative Association Rules with Gravitational Search Algorithm. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2017 , 27, 343-372	1	20
21	Big Social Network Data and Sustainable Economic Development. <i>Sustainability</i> , 2017 , 9, 2027	3.6	29
20	Chaotic League Championship Algorithms. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 5123-5147		20
19	Automatic Mining of Numerical Classification Rules with Parliamentary Optimization Algorithm. <i>Advances in Electrical and Computer Engineering</i> , 2015 , 15, 17-24	1.3	9

18	A novel chemistry based metaheuristic optimization method for mining of classification rules. <i>Expert Systems With Applications</i> , 2012 , 39, 11080-11088	7.8	53
17	Uniform Big Bang-Chaotic Big Crunch optimization. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 3696-3703	3.7	49
16	Photosynthetic algorithm approaches for bioinformatics. <i>Expert Systems With Applications</i> , 2011 , 38, 10541-10546	7.8	6
15	ACROA: Artificial Chemical Reaction Optimization Algorithm for global optimization. <i>Expert Systems With Applications</i> , 2011 , 38, 13170-13180	7.8	213
14	Chaotic harmony search algorithms. <i>Applied Mathematics and Computation</i> , 2010 , 216, 2687-2699	2.7	192
13	Chaotic bee colony algorithms for global numerical optimization. <i>Expert Systems With Applications</i> , 2010 , 37, 5682-5687	7.8	393
12	Multi-objective rule mining using a chaotic particle swarm optimization algorithm. <i>Knowledge-Based Systems</i> , 2009 , 22, 455-460	7.3	48
11	Chaos embedded particle swarm optimization algorithms. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 1715-1734	9.4	338
10	Chaotically encoded particle swarm optimization algorithm and its applications. <i>Chaos, Solitons and Fractals</i> , 2009 , 41, 939-950	9.3	33
9	Rough particle swarm optimization and its applications in data mining. <i>Soft Computing</i> , 2008 , 12, 1205-1213	7.8	47
8	MODENAR: Multi-objective differential evolution algorithm for mining numeric association rules. <i>Applied Soft Computing Journal</i> , 2008 , 8, 646-656	7.5	155
7	Thinking Capability of Saplings Growing Up Algorithm. <i>Lecture Notes in Computer Science</i> , 2006 , 386-393	0.9	13
6	An efficient genetic algorithm for automated mining of both positive and negative quantitative association rules. <i>Soft Computing</i> , 2006 , 10, 230-237	3.5	63
5	Mining Fuzzy Classification Rules Using an Artificial Immune System with Boosting. <i>Lecture Notes in Computer Science</i> , 2005 , 283-293	0.9	13
4	FCACO: Fuzzy Classification Rules Mining Algorithm with Ant Colony Optimization. <i>Lecture Notes in Computer Science</i> , 2005 , 787-797	0.9	6
3	Evaporation from a packed bed of porous particles into superheated vapor. <i>International Journal of Heat and Mass Transfer</i> , 1991 , 34, 267-280	4.9	31
2	Chaos numbers based a new representation scheme for evolutionary computation: Applications in evolutionary association rule mining. <i>Concurrency Computation Practice and Experience</i> , e6744	1.4	1
1	Adaptive Salp swarm optimization algorithms with inertia weights for novel fake news detection model in online social media. <i>Multimedia Tools and Applications</i> , 1	2.5	5

