Bilal Alatas

List of Publications by Citations

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	Chaotic bee colony algorithms for global numerical optimization. *Expert Systems With Applications*, **2010**, 37, 5682-5687	7.8	393
52	Chaos embedded particle swarm optimization algorithms. *Chaos, Solitons and Fractals*, **2009**, 40, 1715-1734	9.5	338
51	ACROA: Artificial Chemical Reaction Optimization Algorithm for global optimization. *Expert Systems With Applications*, **2011**, 38, 13170-13180	7.8	213
50	Chaotic harmony search algorithms. *Applied Mathematics and Computation*, **2010**, 216, 2687-2699	2.7	192
49	MODENAR: Multi-objective differential evolution algorithm for mining numeric association rules. *Applied Soft Computing Journal*, **2008**, 8, 646-656	7.5	155
48	Fake news detection within online social media using supervised artificial intelligence algorithms. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 540, 123174	3.3	91
47	Plant intelligence based metaheuristic optimization algorithms. *Artificial Intelligence Review*, **2017**, 47, 417-462	9.7	64
46	An efficient genetic algorithm for automated mining of both positive and negative quantitative association rules. *Soft Computing*, **2006**, 10, 230-237	3.5	63
45	A novel chemistry based metaheuristic optimization method for mining of classification rules. *Expert Systems With Applications*, **2012**, 39, 11080-11088	7.8	53
44	Uniform Big Bang–Chaotic Big Crunch optimization. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 3696-3703	3.7	49
43	Multi-objective rule mining using a chaotic particle swarm optimization algorithm. *Knowledge-Based Systems*, **2009**, 22, 455-460	7.3	48
42	Rough particle swarm optimization and its applications in data mining. *Soft Computing*, **2008**, 12, 1205-1218	3.5	47
41	A new direction in social network analysis: Online social network analysis problems and applications. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 535, 122372	3.3	45
40	Bird swarm algorithms with chaotic mapping. *Artificial Intelligence Review*, **2020**, 53, 1373-1414	9.7	34
39	Chaotically encoded particle swarm optimization algorithm and its applications. *Chaos, Solitons and Fractals*, **2009**, 41, 939-950	9.3	33
38	Evaporation from a packed bed of porous particles into superheated vapor. *International Journal of Heat and Mass Transfer*, **1991**, 34, 267-280	4.9	31
37	Big Social Network Data and Sustainable Economic Development. *Sustainability*, **2017**, 9, 2027	3.6	29

36	Sports inspired computational intelligence algorithms for global optimization. *Artificial Intelligence Review*, **2019**, 52, 1579-1627	9.7	29
35	Chaos based optics inspired optimization algorithms as global solution search approach. *Chaos, Solitons and Fractals*, **2020**, 141, 110434	9.3	22
34	Automatic Mining of Quantitative Association Rules with Gravitational Search Algorithm. *International Journal of Software Engineering and Knowledge Engineering*, **2017**, 27, 343-372	1	20
33	Chaotic League Championship Algorithms. *Arabian Journal for Science and Engineering*, **2016**, 41, 5123-5147		20
32	A Physics Based Novel Approach for Travelling Tournament Problem: Optics Inspired Optimization. *Information Technology and Control*, **2019**, 48, 373-388	1.3	19
31	Comparative Assessment Of Light-based Intelligent Search And Optimization Algorithms **2020**, 51-59		19
30	A Novel Approach for Detection of Fake News on Social Media Using Metaheuristic Optimization Algorithms. *Elektronika Ir Elektrotechnika*, **2019**, 25, 62-67	1.7	16
29	War Strategy Optimization Algorithm: A New Effective Metaheuristic Algorithm for Global Optimization. *IEEE Access*, **2022**, 10, 25073-25105	3.5	16
28	Mining Fuzzy Classification Rules Using an Artificial Immune System with Boosting. *Lecture Notes in Computer Science*, **2005**, 283-293	0.9	13
27	Thinking Capability of Saplings Growing Up Algorithm. *Lecture Notes in Computer Science*, **2006**, 386-393	0.9	13
26	Sentiment classification within online social media using whale optimization algorithm and social impact theory based optimization. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 540, 123094	3.3	12
25	**2018**,		12
24	Performance analysis of multi-objective artificial intelligence optimization algorithms in numerical association rule mining. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 3449-3469	3.7	11
23	Differential evolution and sine cosine algorithm based novel hybrid multi-objective approaches for numerical association rule mining. *Information Sciences*, **2021**, 554, 198-221	7.7	10
22	Automatic Mining of Numerical Classification Rules with Parliamentary Optimization Algorithm. *Advances in Electrical and Computer Engineering*, **2015**, 15, 17-24	1.3	9
21	Intelligent optimization algorithms for the problem of mining numerical association rules. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 540, 123142	3.3	8
20	Performance Comparisons of Socially Inspired Metaheuristic Algorithms on Unconstrained Global Optimization. *Advances in Intelligent Systems and Computing*, **2019**, 163-175	0.4	7
19	Association analysis of Parkinson disease with vocal change characteristics using multi-objective metaheuristic optimization. *Medical Hypotheses*, **2020**, 141, 109722	3.8	6

18	Photosynthetic algorithm approaches for bioinformatics. *Expert Systems With Applications*, **2011**, 38, 10541-10546	7.8	6
17	FCACO: Fuzzy Classification Rules Mining Algorithm with Ant Colony Optimization. *Lecture Notes in Computer Science*, **2005**, 787-797	0.9	6
16	Adaptive Salp swarm optimization algorithms with inertia weights for novel fake news detection model in online social media. *Multimedia Tools and Applications*,1	2.5	5
15	Randomness as source for inspiring solution search methods: Music based approaches. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 537, 122650	3.3	5
14	Detection of Customer Satisfaction on Unbalanced and Multi-Class Data Using Machine Learning Algorithms **2019**,		4
13	Music based metaheuristic methods for constrained optimization **2018**,		3
12	Sentiment analysis using Konstanz Information Miner in social networks **2018**,		3
11	A novel clinical decision support system for liver fibrosis using evolutionary multi-objective method based numerical association analysis. *Medical Hypotheses*, **2020**, 144, 110028	3.8	3
10	New adaptive intelligent grey wolf optimizer based multi-objective quantitative classification rules mining approaches. *Journal of Ambient Intelligence and Humanized Computing*, **2021**, 12, 9611-9635	3.7	3
9	. *IEEE Access*, **2021**, 9, 110047-110062	3.5	3
8	A Modified Ant Lion Optimization Method and Its Application for Instance Reduction Problem in Balanced and Imbalanced Data. *Axioms*, **2022**, 11, 95	1.6	3
7	Assessment of Supervised Learning Algorithms for Irony Detection in Online Social Media **2019**,		2
6	Rumor Detection in Social Media Using Machine Learning Methods **2019**,		2
5	Chaos numbers based a new representation scheme for evolutionary computation: Applications in evolutionary association rule mining. *Concurrency Computation Practice and Experience*,e6744	1.4	1
4	Multi-objective Association Analysis of Parkinson Disease with Intelligent Optimization Algorithms **2019**,		1
3	Sensitivity Analysis of MODENAR Method for Mining of Numeric Association Rules **2019**,		1
2	A novel approach for efficient stance detection in online social networks with metaheuristic optimization. *Technology in Society*, **2021**, 64, 101501	6.3	0
1	Anlaşılabilir Sınıflandırma Kurallarının Ayı Optimizasyon Algoritması ile Otomatik Keşfi. *Türk Doğa Ve Fen Dergisi*, **2021**, 10, 233-241	0	0