

# Nasimul Noman

## List of Publications by Year in descending order

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53  
papers

1,847  
citations

687220

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h-index

501076

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g-index

61  
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61  
docs citations

61  
times ranked

1577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Soft Actor-Critic: Mixing Prioritized Off-Policy Samples With On-Policy Experiences. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3121-3129.	7.2	7
2	Optimal Actor-Critic Policy With Optimized Training Datasets. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1324-1334.	3.4	2
3	Evolutionary Hyperparameter Optimisation for Sentence Classification. , 2021, , .		2
4	Designing optimal combination therapy for personalised glioma treatment. Memetic Computing, 2020, 12, 317-329.	2.7	1
5	Robust Multi-Objective optimization using Conditional Pareto Optimal Dominance. , 2020, , .		2
6	A multi-population, multi-objective memetic algorithm for energy-efficient job-shop scheduling with deteriorating machines. Expert Systems With Applications, 2020, 157, 113348.	4.4	64
7	Fast Evolution of CNN Architecture for Image Classification. Natural Computing Series, 2020, , 209-229.	2.2	8
8	A Computational Approach for Designing Combination Therapy in Combating Glioblastoma. , 2019, , .		1
9	Improving the reliability of implicit averaging methods using new conditional operators for robust optimization. Swarm and Evolutionary Computation, 2019, 51, 100579.	4.5	4
10	An adaptive memetic algorithm for feature selection using proximity graphs. Computational Intelligence, 2019, 35, 156-183.	2.1	7
11	An evolutionary metaheuristic algorithm to optimise solutions to NES games. , 2017, , .		0
12	A hybrid particle swarm optimisation approach for energy-efficient single machine scheduling with cumulative deterioration and multiple maintenances. , 2017, , .		8
13	Heterogeneous Ensemble Combination Search Using Genetic Algorithm for Class Imbalanced Data Classification. PLoS ONE, 2016, 11, e0146116.	1.1	55
14	Pulse Detecting Genetic Circuit "A New Design Approach. PLoS ONE, 2016, 11, e0167162.	1.1	10
15	An Effective Method for Evolving Reaction Networks in Synthetic Biochemical Systems. IEEE Transactions on Evolutionary Computation, 2015, 19, 374-386.	7.5	27
16	Temperature compensation via cooperative stability in protein degradation. Physica A: Statistical Mechanics and Its Applications, 2015, 431, 109-123.	1.2	2
17	Evolving Robust Gene Regulatory Networks. PLoS ONE, 2015, 10, e0116258.	1.1	28
18	OSCILLATORY SYNTHETIC BIOLOGICAL SYSTEM CONSTRUCTION USING INTERACTIVE EVOLUTIONARY COMPUTATIONS. Journal of Computer Science, 2014, 10, 2640-2652.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Inferring Genetic Networks with a Recurrent Neural Network Model Using Differential Evolution. , 2014, , 355-373.		0
20	Messy Genetic Algorithm for evolving mathematical function evaluating variable length gene regulatory networks. , 2013, , .		1
21	Reverse Engineering of Gene Regulatory Networks Using Dissipative Particle Swarm Optimization. IEEE Transactions on Evolutionary Computation, 2013, 17, 577-587.	7.5	52
22	Evolving Genetic Networks for Synthetic Biology. New Generation Computing, 2013, 31, 71-88.	2.5	6
23	Extending Population Based Incremental Learning using Dirichlet Processes. , 2013, , .		2
24	Study on the Use of Evolutionary Techniques for Inference in Gene Regulatory Networks. Proceedings in Information and Communications Technology, 2013, , 82-92.	0.2	5
25	Reconstruction of Gene Regulatory Networks from Gene Expression Data Using Decoupled Recurrent Neural Network Model. Proceedings in Information and Communications Technology, 2013, , 93-103.	0.2	28
26	The search for robust topologies of oscillatory gene regulatory networks by evolutionary computation. , 2012, , .		2
27	An Improved Artificial Bee Colony Algorithm with Non-separable Operator. Lecture Notes in Computer Science, 2012, , 203-210.	1.0	1
28	On Model Selection Criteria in Reverse Engineering Gene Networks Using RNN Model. Lecture Notes in Computer Science, 2012, , 155-164.	1.0	2
29	Prediction of plant promoters based on hexamers and random triplet pair analysis. Algorithms for Molecular Biology, 2011, 6, 19.	0.3	15
30	Differential evolution with self adaptive local search. , 2011, , .		5
31	Polynomial selection scheme with dynamic parameter estimation in cellular genetic algorithm. , 2011, , .		1
32	RankDE. , 2011, , .		14
33	Solving dynamic economic dispatch problems using cellular differential evolution. , 2011, , .		3
34	An adaptive differential evolution algorithm. , 2011, , .		29
35	? constrained differential evolution for economic dispatch with valve-point effect. International Journal of Bio-Inspired Computation, 2011, 3, 346.	0.6	8
36	A prior knowledge based approach to infer gene regulatory networks. , 2010, , .		7

#	ARTICLE	IF	CITATIONS
37	Machine learning approach to predict protein phosphorylation sites by incorporating evolutionary information. BMC Bioinformatics, 2010, 11, 273.	1.2	72
38	Polynomial Selection: A new way to tune selective pressure. , 2010, , .		1
39	On the Complexity and Completeness of Robust Biclustering Algorithm (ROBA). International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
40	Emergence of Cooperation in a Bio-inspired Multi-agent System. Lecture Notes in Computer Science, 2010, , 364-374.	1.0	5
41	Reverse engineering gene regulatory network from microarray data using linear time-variant model. BMC Bioinformatics, 2010, 11, S56.	1.2	64
42	Reconstruction of Gene Regulatory Networks using Differential Evolution. , 2010, , .		2
43	Tuning selection pressure in differential evolution using local selection. , 2010, , .		0
44	Cellular Differential Evolution Algorithm. Lecture Notes in Computer Science, 2010, , 293-302.	1.0	6
45	Differential evolution for economic load dispatch problems. Electric Power Systems Research, 2008, 78, 1322-1331.	2.1	402
46	Accelerating Differential Evolution Using an Adaptive Local Search. IEEE Transactions on Evolutionary Computation, 2008, 12, 107-125.	7.5	556
47	INFERRING REGULATIONS IN A GENOMIC NETWORK FROM GENE EXPRESSION PROFILES. Science, Engineering, and Biology Informatics, 2007, , 205-229.	0.1	0
48	Inferring Gene Regulatory Networks using Differential Evolution with Local Search Heuristics. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 634-647.	1.9	123
49	A new generation alternation model for differential evolution. , 2006, , .		11
50	Inference of genetic networks using S-system. , 2006, , .		19
51	Inference of gene regulatory networks using s-system and differential evolution. , 2005, , .		44
52	Enhancing differential evolution performance with local search for high dimensional function optimization. , 2005, , .		92
53	Reverse engineering genetic networks using evolutionary computation. Genome Informatics, 2005, 16, 205-14.	0.4	22