Mohd Shareduwan Mohd Kasihmuddin

List of Publications by Year
in descending order

63 papers	636 citations	471371 17 h-index	610775 24 g-index
64 all docs	64 docs citations	64 times ranked	145 citing authors

#	Article	IF	Citations
1	Major 2 Satisfiability Logic in Discrete Hopfield Neural Network. International Journal of Computer Mathematics, 2022, 99, 924-948.	1.0	19
2	Supervised Learning Perspective in Logic Mining. Mathematics, 2022, 10, 915.	1.1	39
3	Non-Systematic Weighted Satisfiability in Discrete Hopfield Neural Network Using Binary Artificial Bee Colony Optimization. Mathematics, 2022, 10, 1129.	1.1	25
4	GRAN3SAT: Creating Flexible Higher-Order Logic Satisfiability in the Discrete Hopfield Neural Network. Mathematics, 2022, 10, 1899.	1.1	13
5	A study of various major 2 satisfiability logic structure in Discrete Hopfield Neural Network. AIP Conference Proceedings, 2022, , .	0.3	1
6	A comparative analysis of satisfiability logical structure in Discrete Hopfield Neural Network. AIP Conference Proceedings, 2022, , .	0.3	0
7	A comparative performance analysis between 2-satisfiability and random 3-satisfiability in Discrete Hopfield Neural Network. AIP Conference Proceedings, 2022, , .	0.3	1
8	A Novel Multi-Objective Hybrid Election Algorithm for Higher-Order Random Satisfiability in Discrete Hopfield Neural Network. Mathematics, 2022, 10, 1963.	1.1	9
9	YRAN2SAT: A novel flexible random satisfiability logical rule in discrete hopfield neural network. Advances in Engineering Software, 2022, 171, 103169.	1.8	24
10	Weighted Random k Satisfiability for $k = 1, 2$ (r2SAT) in Discrete Hopfield Neural Network. Applied Soft Computing Journal, 2022, 126, 109312.	4.1	43
11	Multi-discrete genetic algorithm in hopfield neural network with weighted random k satisfiability. Neural Computing and Applications, 2022, 34, 19283-19311.	3.2	14
12	Influence of nozzle area ratio on the gas-particle flow for single-hose dry ice blasting nozzle. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2343-2354.	2.0	10
13	Optimizing nozzle convergent angle using central composite design on the particle velocity and acoustic power level for single-hose dry ice blasting nozzle. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2159-2173.	2.0	7
14	Grey Wolf Optimization algorithm with Discrete Hopfield Neural Network for 3 Satisfiability analysis. Journal of Physics: Conference Series, 2021, 1821, 012038.	0.3	6
15	Modelling Benign Ovarian Cyst Risk Factors and Symptoms via Log-Linear Model. Pertanika Journal of Science and Technology, 2021, 29, .	0.3	2
16	Novel Hopfield Neural Network Model with Election Algorithm for Random 3 Satisfiability. Processes, 2021, 9, 1292.	1.3	18
17	Logic Learning in Adaline Neural Network. Pertanika Journal of Science and Technology, 2021, 29, .	0.3	3
18	Random Satisfiability: A Higher-Order Logical Approach in Discrete Hopfield Neural Network. IEEE Access, 2021, 9, 50831-50845.	2.6	28

#	ARTICLE	IF	CITATIONS
19	Energy Based Logic Mining Analysis with Hopfield Neural Network for Recruitment Evaluation. Entropy, 2021, 23, 40.	1.1	21
20	Exploration of dilatant nanofluid effects conveying microorganism utilizing scaling group analysis: FDM Blottner. Physica A: Statistical Mechanics and Its Applications, 2020, 549, 124040.	1.2	13
21	Ant colony optimization for 2 satisfiability in restricted neural symbolic integration. AIP Conference Proceedings, 2020, , .	0.3	0
22	3-satisfiability reverse analysis method with Hopfield neural network for medical data set. AIP Conference Proceedings, 2020, , .	0.3	1
23	Modeling symptoms and risk factors towards size of benign ovary cyst. AIP Conference Proceedings, 2020, , .	0.3	1
24	k satisfiability programming by using estimation of distribution algorithm in Hopfield neural network. AIP Conference Proceedings, 2020, , .	0.3	0
25	Commodity price analysis by using logic mining. AIP Conference Proceedings, 2020, , .	0.3	1
26	Hybrid clonal selection algorithm with Hopfield neural network for 3-satisfiability data mining on Amazon's Employees Resources Access. AIP Conference Proceedings, 2020, , .	0.3	0
27	Enhanced imperialist competitive algorithm for 2-satisfiability logic mining in bank marketing data set. AIP Conference Proceedings, 2020, , .	0.3	0
28	A new artificial immune system algorithm for training the 2 satisfiability radial basis function neural network. AIP Conference Proceedings, 2020, , .	0.3	0
29	Hybrid ant colony optimization for even-2 satisfiability programming in Hopfield neural network. AIP Conference Proceedings, 2020, , .	0.3	0
30	The effect of logical permutation in 2 satisfiability reverse analysis method. AIP Conference Proceedings, 2020, , .	0.3	3
31	Information extraction using 2 satisfiability based reverse analysis method in MOBA game. AIP Conference Proceedings, 2020, , .	0.3	0
32	Amazon Employees Resources Access Data Extraction via Clonal Selection Algorithm and Logic Mining Approach. Entropy, 2020, 22, 596.	1.1	34
33	Election Algorithm for Random k Satisfiability in the Hopfield Neural Network. Processes, 2020, 8, 568.	1.3	33
34	Systematic Boolean Satisfiability Programming in Radial Basis Function Neural Network. Processes, 2020, 8, 214.	1.3	17
35	Stability analysis of unsteady stagnation-point gyrotactic bioconvection flow and heat transfer towards the moving sheet in a nanofluid. Chinese Journal of Physics, 2020, 65, 538-553.	2.0	26
36	Influence of divergent length on the gas-particle flow in dual hose dry ice blasting nozzle geometry. Powder Technology, 2020, 364, 152-158.	2.1	18

#	ARTICLE	IF	CITATIONS
37	Logic mining in football matches. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1074.	0.7	3
38	Radial basis function neural network for 2 satisfiability programming. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 459.	0.7	11
39	Novel Random k Satisfiability for in Hopfield Neural Network. Sains Malaysiana, 2020, 49, 2847-2857.	0.3	25
40	Numerical Solutions of Heat Transfer for Magnetohydrodynamic Jeffery-Hamel Flow Using Spectral Homotopy Analysis Method. Processes, 2019, 7, 626.	1.3	19
41	Performance comparison between exhaustive search and imperialist competitive algorithm for 3-satisfiability programming. AIP Conference Proceedings, 2019, , .	0.3	0
42	2 satisfiability logical rule by using ant colony optimization in Hopfield Neural Network. AIP Conference Proceedings, 2019, , .	0.3	1
43	2 satisfiability logic programming in radial basis function neural networks. , 2019, , .		0
44	Quality Solution of Logic Programming in Hopfield Neural Network. Journal of Physics: Conference Series, 2019, 1366, 012094.	0.3	2
45	Discrete Mutation Hopfield Neural Network in Propositional Satisfiability. Mathematics, 2019, 7, 1133.	1.1	39
46	Students' performance via satisfiability reverse analysis method with Hopfield Neural Network. AIP Conference Proceedings, 2019, , .	0.3	2
47	Comparing the logic programming between Hopfield neural network and radial basis function neural network. AIP Conference Proceedings, 2019, , .	0.3	0
48	Hybrid Imperialistic Competitive Algorithm Incorporated with Hopfield Neural Network for Robust 3 Satisfiability Logic Programming. IAES International Journal of Artificial Intelligence, 2019, 8, 144.	0.6	3
49	Artificial immune system algorithm with neural network approach for social media performance metrics. AIP Conference Proceedings, 2018, , .	0.3	3
50	Satisfiability based reverse analysis method in diabetes detection. AIP Conference Proceedings, 2018, , .	0.3	4
51	Maximum 2 satisfiability logical rule in restrictive learning environment. AIP Conference Proceedings, 2018, , .	0.3	0
52	3-satisfiability logic programming approach for cardiovascular diseases diagnosis. AIP Conference Proceedings, 2018, , .	0.3	6
53	Enhanced metaheuristic approach in pattern satisfiability problem. AIP Conference Proceedings, 2018, , .	0.3	1
54	Discrete Hopfield Neural Network in Restricted Maximum k-Satisfiability Logic Programming. Sains Malaysiana, 2018, 47, 1327-1335.	0.3	34

#	Article	IF	Citations
55	Hybrid genetic algorithm in the Hopfield network for maximum 2-satisfiability problem. AIP Conference Proceedings, 2017, , .	0.3	14
56	Artificial bee colony in neuro - Symbolic integration. AIP Conference Proceedings, 2017, , .	0.3	0
57	Artificial immune system algorithm in VLSI circuit configuration. AIP Conference Proceedings, 2017, , .	0.3	0
58	Post optimization paradigm in maximum 3-satisfiability logic programming. AIP Conference Proceedings, 2017, , .	0.3	0
59	Accelerating activation function in higher order logic programming. AIP Conference Proceedings, 2016, , .	0.3	2
60	Accelerating activation function in higher order logic programming. AIP Conference Proceedings, 2016, , .	0.3	0
61	VLSI Circuit Configuration Using Satisfiability Logic in Hopfield Network. International Journal of Intelligent Systems and Applications, 2016, 8, 22-29.	0.9	12
62	Enhanced Hopfield Network for Pattern Satisfiability Optimization. International Journal of Intelligent Systems and Applications, 2016, 8, 27-33.	0.9	19
63	Bezier Curves Satisfiability Model in Enhanced Hopfield Network. International Journal of Intelligent Systems and Applications, 2016, 8, 9-17.	0.9	6