Shahid Hussain

List of Publications by Year
in descending order

27 papers	**206** citations	1163117 **8** h-index	1125743 **13** g-index
35 all docs	**35** docs citations	**35** times ranked	**63** citing authors

#	Article	IF	Citations
1	Entropy-Based Greedy Algorithm for Decision Trees Using Hypotheses. Entropy, 2021, 23, 808.	2.2	12
2	Optimization of Decision Trees with Hypotheses for Knowledge Representation. Electronics (Switzerland), 2021, 10, 1580.	3.1	6
3	Decision Rules Derived from Optimal Decision Trees with Hypotheses. Entropy, 2021, 23, 1641.	2.2	6
4	Extensions of Dynamic Programming for Combinatorial Optimization and Data Mining. Intelligent Systems Reference Library, 2019, , .	1.2	36
5	Bi-criteria Optimization Problem for Decision Trees: Cost Versus Cost. Intelligent Systems Reference Library, 2019, , 85-104.	1.2	0
6	Bi-criteria Optimization Problem for Decision Trees: Cost Versus Uncertainty. Intelligent Systems Reference Library, 2019, , 105-122.	1.2	0
7	Multi-stage Optimization of Decision Trees with Some Applications. Intelligent Systems Reference Library, 2019, , 49-71.	1.2	0
8	Matrix Chain Multiplication. Intelligent Systems Reference Library, 2019, , 237-243.	1.2	0
9	Bi-criteria optimization of decision trees with applications to data analysis. European Journal of Operational Research, 2018, 266, 689-701.	5.7	17
10	Upper Domination: Towards a Dichotomy Through Boundary Properties. Algorithmica, 2018, 80, 2799-2817.	1.3	5
11	Restricted multi-pruning of decision trees. , 2018, , .		1
12	Totally optimal decision trees for Boolean functions. Discrete Applied Mathematics, 2016, 215, 1-13.	0.9	12
13	A Boundary Property for Upper Domination. Lecture Notes in Computer Science, 2016, , 229-240.	1.3	2
14	Multi-pruning of decision trees for knowledge representation and classification. , 2015, , .		4
15	Diagnosis of constant faults in read-once contact networks over finite bases. Discrete Applied Mathematics, 2015, 184, 76-88.	0.9	3
16	Relationships between Average Depth and Number of Misclassifications for Decision Trees. Fundamenta Informaticae, 2014, 129, 15-26.	0.4	2
17	Total Path Length and Number of Terminal Nodes for Decision Trees. Procedia Computer Science, 2014, 35, 514-521.	2.0	2
18	Diagnosis of constant faults in iteration-free circuits over monotone basis. Discrete Applied Mathematics, 2014, 166, 287-291.	0.9	5

#	Article	IF	Citations
19	Greedy heuristics for minimization of number of terminal nodes in decision trees. , 2014, , .		2
20	A Dichotomy for Upper Domination in Monogenic Classes. Lecture Notes in Computer Science, 2014, , 258-267.	1.3	5
21	Extensions of Dynamic Programming as a New Tool for Decision Tree Optimization. Smart Innovation, Systems and Technologies, 2013, , 11-29.	0.6	10
22	Optimization and analysis of decision trees and rules: dynamic programming approach. International Journal of General Systems, 2013, 42, 614-634.	2.5	20
23	Totally Optimal Decision Trees for Monotone Boolean Functions with at Most Five Variables. Procedia Computer Science, 2013, 22, 359-365.	2.0	1
24	On Cost and Uncertainty of Decision Trees. Lecture Notes in Computer Science, 2012, , 190-197.	1.3	4
25	Relationships between Number of Nodes and Number of Misclassifications for Decision Trees. Lecture Notes in Computer Science, 2012, , 212-218.	1.3	7
26	Sequential Optimization of Paths in Directed Graphs Relative to Different Cost Functions. Procedia Computer Science, 2011, 4, 1272-1277.	2.0	7
27	Relationships between Depth and Number of Misclassifications for Decision Trees. Lecture Notes in Computer Science, 2011, , 286-292.	1.3	10