Arindam Dey

List of Publications by Year
in descending order

25 papers	492 citations	687363 13 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	337 citing authors

#	Article	IF	Citations
1	Modified Vogelâ€™s approximation method for transportation problem under uncertain environment. Complex & Intelligent Systems, 2021, 7, 29-40.	6.5	26
2	Classification of trapezoidal bipolar neutrosophic number, de-bipolarization technique and its execution in cloud service-based MCGDM problem. Complex & Intelligent Systems, 2021, 7, 145-162.	6.5	20
3	A note on different types of product of neutrosophic graphs. Complex & Intelligent Systems, 2021, 7, 857-871.	6.5	4
4	QSPR analysis of some novel neighbourhood degree-based topological descriptors. Complex & Intelligent Systems, 2021, 7, 977-996.	6.5	78
5	Fuzzy minimum spanning tree with interval type 2 fuzzy arc length: formulation and a new genetic algorithm. Soft Computing, 2020, 24, 3963-3974.	3.6	32
6	A study on regular picture fuzzy graph with applications in communication networks. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3633-3645.	1.4	18
7	New expected impact functions and algorithms for modeling games under soft sets. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4463-4472.	1.4	2
8	A study of m-polar neutrosophic graph with applications. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4809-4828.	1.4	14
9	A Study of Neutrosophic Shortest Path Problem. Advances in Data Mining and Database Management Book Series, 2020, , 148-179.	0.5	6
10	Transportation Problem in Neutrosophic Environment. Advances in Data Mining and Database Management Book Series, 2020, , 180-212.	0.5	13
11	Genetic algorithm for Robust Total coloring of a Fuzzy graph. , 2019, , .		1
12	A Study of Regular and Irregular Neutrosophic Graphs with Real Life Applications. Mathematics, 2019, 7, 551.	2.2	11
13	A genetic algorithm for total graph coloring. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7831-7838.	1.4	8
14	New Concepts of Picture Fuzzy Graphs with Application. Mathematics, 2019, 7, 470.	2.2	59
15	Computing the shortest path with words. International Journal of Advanced Intelligence Paradigms, 2019, 12, 355.	0.3	4
16	Shortest path problem using Bellman algorithm under neutrosophic environment. Complex & Intelligent Systems, 2019, 5, 409-416.	6.5	31
17	Robust and minimum spanning tree in fuzzy environment. International Journal of Computing Science and Mathematics, 2019, 10, 513-524.	0.3	7
18	A new algorithm for finding minimum spanning trees with undirected neutrosophic graphs. Granular Computing, 2019, 4, 63-69.	8.0	30

#	Article	IF	Citations
19	Spanning Tree Problem with Neutrosophic Edge Weights. Procedia Computer Science, 2018, 127, 190-199.	2.0	17
20	New Concepts on Vertex and Edge Coloring of Simple Vague Graphs. Symmetry, 2018, 10, 373.	2.2	17
21	A GENETIC ALGORITHM FOR SOLVING FUZZY SHORTEST PATH PROBLEMS WITH INTERVAL TYPE-2 FUZZY ARC LENGTHS. Malaysian Journal of Computer Science, 2018, 31, 255-270.	0.8	34
22	An algorithmic approach for computing the complement of intuitionistic fuzzy graphs. , 2017, , .		3
23	Interval Type 2 Fuzzy Set in Fuzzy Shortest Path Problem. Mathematics, 2016, 4, 62.	2.2	38
24	The Fuzzy Robust Graph Coloring Problem. Advances in Intelligent Systems and Computing, 2015, , 805-813.	0.6	13
25	Some operations on Dombi neutrosophic graph. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	6