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	QSPR analysis of some novel neighbourhood degree-based topological descriptors. Complex & Intelligent Systems, 2021, 7, 977-996.	6.5	78
2	New Concepts of Picture Fuzzy Graphs with Application. Mathematics, 2019, 7, 470.	2.2	59
3	Interval Type 2 Fuzzy Set in Fuzzy Shortest Path Problem. Mathematics, 2016, 4, 62.	2.2	38
4	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
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	Shortest path problem using Bellman algorithm under neutrosophic environment. Complex & Intelligent Systems, 2019, 5, 409-416.	6.5	31
7	A new algorithm for finding minimum spanning trees with undirected neutrosophic graphs. Granular Computing, 2019, 4, 63-69.	8.0	30
8	Modified Vogel's approximation method for transportation problem under uncertain environment. Complex & Intelligent Systems, 2021, 7, 29-40.	6.5	26
9	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
10	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
11	Spanning Tree Problem with Neutrosophic Edge Weights. Procedia Computer Science, 2018, 127, 190-199.	2.0	17
12	New Concepts on Vertex and Edge Coloring of Simple Vague Graphs. Symmetry, 2018, 10, 373.	2.2	17
13	A study of m-polar neutrosophic graph with applications. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4809-4828.	1.4	14
14	The Fuzzy Robust Graph Coloring Problem. Advances in Intelligent Systems and Computing, 2015, , 805-813.	0.6	13
15	Transportation Problem in Neutrosophic Environment. Advances in Data Mining and Database Management Book Series, 2020, , 180-212.	0.5	13
16	A Study of Regular and Irregular Neutrosophic Graphs with Real Life Applications. Mathematics, 2019, 7, 551.	2.2	11
17	A genetic algorithm for total graph coloring. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7831-7838.	1.4	8
18	Robust and minimum spanning tree in fuzzy environment. International Journal of Computing Science and Mathematics, 2019, 10, 513-524.	0.3	7

#	Article	IF	Citations
19	Some operations on Dombi neutrosophic graph. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	6
20	A Study of Neutrosophic Shortest Path Problem. Advances in Data Mining and Database Management Book Series, 2020, , 148-179.	0.5	6
21	Computing the shortest path with words. International Journal of Advanced Intelligence Paradigms, 2019, 12, 355.	0.3	4
22	A note on different types of product of neutrosophic graphs. Complex & Intelligent Systems, 2021, 7, 857-871.	6.5	4
23	An algorithmic approach for computing the complement of intuitionistic fuzzy graphs. , 2017, , .		3
24	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
25	Genetic algorithm for Robust Total coloring of a Fuzzy graph. , 2019, , .		1