Gautam K Das

List of Publications by Year
in descending order

		1307366	1125617
18 papers	**174** citations	**7** h-index	**13** g-index
18 all docs	**18** docs citations	**18** times ranked	**86** citing authors

#	ARTICLE	IF	CITATIONS
1	Vertex-edge domination in unit disk graphs. Discrete Applied Mathematics, 2022, 319, 351-361.	0.5	3
2	On d-distance m-tuple (â„¢,r)-domination in graphs. Information Processing Letters, 2022, 174, 106178.	0.4	0
3	The Euclidean k-supplier problem in IR2. Operations Research Letters, 2021, 49, 48-54.	0.5	1
4	Efficient independent set approximation in unit disk graphs. Discrete Applied Mathematics, 2020, 280, 63-70.	0.5	1
5	Capacitated discrete unit disk cover. Discrete Applied Mathematics, 2020, 285, 242-251.	0.5	3
6	Constrained k-Center Problem on a Convex Polygon. International Journal of Foundations of Computer Science, 2020, 31, 275-291.	0.8	4
7	Liarâ€™s dominating set problem on unit disk graphs. Discrete Applied Mathematics, 2020, 286, 91-99.	0.5	3
8	Liar's domination in unit disk graphs. Theoretical Computer Science, 2020, 845, 38-49.	0.5	1
9	Discrete unit square cover problem. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850072.	0.4	1
10	Distributed construction of connected dominating set in unit disk graphs. Journal of Parallel and Distributed Computing, 2017, 104, 159-166.	2.7	18
11	Minimum Dominating Set Problem for Unit Disks Revisited. International Journal of Computational Geometry and Applications, 2015, 25, 227-244.	0.3	6
12	Unit disk cover problem in 2D. Journal of Discrete Algorithms, 2015, 33, 193-201.	0.7	21
13	Approximation algorithms for maximum independent set of a unit disk graph. Information Processing Letters, 2015, 115, 439-446.	0.4	23
14	APPROXIMATION ALGORITHMS FOR A VARIANT OF DISCRETE PIERCING SET PROBLEM FOR UNIT DISKS. International Journal of Computational Geometry and Applications, 2013, 23, 461-477.	0.3	12
15	ON THE DISCRETE UNIT DISK COVER PROBLEM. International Journal of Computational Geometry and Applications, 2012, 22, 407-419.	0.3	34
16	Homogeneous 2-hop broadcast in 2D. Computational Geometry: Theory and Applications, 2010, 43, 182-190.	0.3	6
17	AN IMPROVED LINE-SEPARABLE ALGORITHM FOR DISCRETE UNIT DISK COVER. Discrete Mathematics, Algorithms and Applications, 2010, 02, 77-87.	0.4	21
18	VARIATIONS OF BASE-STATION PLACEMENT PROBLEM ON THE BOUNDARY OF A CONVEX REGION. International Journal of Foundations of Computer Science, 2008, 19, 405-427.	0.8	16