Arthur L Liestman

List of Publications by Year
in descending order

33	1,686	566801 15	414034 32
papers	citations	h-index	g-index

34	34	34	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A survey of gossiping and broadcasting in communication networks. Networks, 1988, 18, 319-349.	1.6	1,018
2	Additive graph spanners. Networks, 1993, 23, 343-363.	1.6	72
3	A ZONAL ALGORITHM FOR CLUSTERING AN HOC NETWORKS. International Journal of Foundations of Computer Science, 2003, 14, 305-322.	0.8	69
4	Sparse broadcast graphs. Discrete Applied Mathematics, 1992, 36, 97-130.	0.5	52
5	Broadcast Networks of Bounded Degree. SIAM Journal on Discrete Mathematics, 1988, 1, 531-540.	0.4	50
6	Fault-tolerant broadcast graphs. Networks, 1985, 15, 159-171.	1.6	45
7	Generalizations of broadcasting and gossiping. Networks, 1988, 18, 125-138.	1.6	41
8	Broadcasting in Bounded Degree Graphs. SIAM Journal on Discrete Mathematics, 1992, 5, 10-24.	0.4	40
9	More broadcast graphs. Discrete Applied Mathematics, 1999, 98, 81-102.	0.5	34
10	Grid spanners. Networks, 1993, 23, 123-133.	1.6	31
11	Maintaining weakly-connected dominating sets for clustering ad hoc networks. Ad Hoc Networks, 2005, 3, 629-642.	3.4	29
12	A Note on the Dimensionality of Modified KnÃ¶del Graphs. International Journal of Foundations of Computer Science, 1997, 08, 109-116.	0.8	28
13	Upper bounds on the broadcast function using minimum dominating sets. Discrete Mathematics, 2012, 312, 2992-2996.	0.4	25
14	Improved upper and lower bounds fork-broadcasting. Networks, 2001, 37, 94-101.	1.6	20
15	On the monotonicity of the broadcast function. Discrete Mathematics, 2003, 262, 149-157.	0.4	19
16	ADDITIVE SPANNERS FOR HYPERCUBES. Parallel Processing Letters, 1991, 01, 35-42.	0.4	17
17	k-Broadcasting in trees. Networks, 2001, 38, 163-168.	1.6	16
18	Minimum broadcast digraphs. Discrete Applied Mathematics, 1992, 37-38, 401-419.	0.5	11

#	Article	IF	Citations
19	A linear algorithm for finding the kâ€broadcast center of a tree. Networks, 2009, 53, 287-292.	1.6	10
20	Reliable broadcasting. Discrete Applied Mathematics, 1994, 53, 135-148.	0.5	9
21	Degree-Constrained Network Spanners with Nonconstant Delay. SIAM Journal on Discrete Mathematics, 1995, 8, 291-321.	0.4	7
22	Degree-constrained spanners for multidimensional grids. Discrete Applied Mathematics, 1996, 68, 119-144.	0.5	6
23	Nonadaptive broadcasting in trees. Networks, 2011, 57, 157-168.	1.6	6
24	MESSY BROADCASTING IN MULTIDIMENSIONAL DIRECTED TORI. Journal of Interconnection Networks, 2003, 04, 37-51.	0.6	5
25	Edge-disjoint spanners of complete graphs and complete digraphs. Discrete Mathematics, 1999, 203, 133-159.	0.4	4
26	Edge-disjoint spanners of complete bipartite graphs. Discrete Mathematics, 2001, 234, 65-76.	0.4	4
27	Edge-disjoint spanners in tori. Discrete Mathematics, 2009, 309, 2239-2249.	0.4	4
28	Toward optimal gossiping schemes with conference calls. Discrete Applied Mathematics, 1984, 7, 183-189.	0.5	3
29	Broadcasting from multiple originators. Discrete Applied Mathematics, 2009, 157, 2886-2891.	0.5	3
30	Edge-disjoint spanners in Cartesian products of graphs. Discrete Mathematics, 2005, 296, 167-186.	0.4	2
31	Messy broadcasting â€" Decentralized broadcast schemes with limited knowledge. Discrete Applied Mathematics, 2011, 159, 322-327.	0.5	2
32	The even adjacency split problem for graphs. Discrete Applied Mathematics, 2000, 102, 175-188.	0.5	0
33	Minimum multiple originator broadcast graphs. Discrete Applied Mathematics, 2017, 216, 646-661.	0.5	0