Tiziana Calamoneri

List of Publications by Year in Descending Order

73 papers	740 citations	12 h-index	25 g-index
79 ext. papers	815 ext. citations	1.4 avg, IF	4.46 L-index

#	Paper	IF	Citations
73	A Realistic Model to Support Rescue Operations After an Earthquake via UAVs. *IEEE Access*, **2022**, 10, 6109-6125	3.5	2
72	Some Problems Related to the Space of Optimal Tree Reconciliations. *Lecture Notes in Computer Science*, **2022**, 3-14	0.9	
71	Visualizing co-phylogenetic reconciliations. *Theoretical Computer Science*, **2020**, 815, 228-245	1.1	4
70	Linear Time Reconciliation with Bounded Transfers of Genes. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2020**, PP,	3	1
69	Algorithms for the quantitative Lock/Key model of cytoplasmic incompatibility. *Algorithms for Molecular Biology*, **2020**, 15, 14	1.8	
68	Extracting Few Representative Reconciliations with Host Switches. *Lecture Notes in Computer Science*, **2019**, 9-18	0.9	2
67	Some classes of graphs that are not PCGs. *Theoretical Computer Science*, **2019**, 791, 62-75	1.1	6
66	A simple linear time algorithm for the locally connected spanning tree problem on maximal planar chordal graphs. *Theoretical Computer Science*, **2019**, 764, 2-14	1.1	
65	On dynamic threshold graphs and related classes. *Theoretical Computer Science*, **2018**, 718, 46-57	1.1	2
64	Visualizing Co-phylogenetic Reconciliations. *Lecture Notes in Computer Science*, **2018**, 334-347	0.9	2
63	Graphs that Are Not Pairwise Compatible: A New Proof Technique (Extended Abstract). *Lecture Notes in Computer Science*, **2018**, 39-51	0.9	2
62	Autonomous Mobile Sensor Placement in Complex Environments. *ACM Transactions on Autonomous and Adaptive Systems*, **2017**, 12, 1-28	1.2	6
61	Fully Dynamically Maintaining Minimal Integral Separator for Threshold and Difference Graphs. *Lecture Notes in Computer Science*, **2016**, 313-324	0.9	0
60	Pairwise Compatibility Graphs: A Survey. *SIAM Review*, **2016**, 58, 445-460	7.4	23
59	On Maximal Chain Subgraphs and Covers of Bipartite Graphs. *Lecture Notes in Computer Science*, **2016**, 137-150	0.9	
58	Optimal L(j,k)-Edge-Labeling of Regular Grids. *International Journal of Foundations of Computer Science*, **2015**, 26, 523-535	0.6	3
57	On pairwise compatibility graphs having Dilworth number k. *Theoretical Computer Science*, **2014**, 547, 82-89	1.1	6

56	On pairwise compatibility graphs having Dilworth number two. *Theoretical Computer Science*, **2014**, 524, 34-40	1.1	11
55	Graphs with Dilworth Number Two are Pairwise Compatibility Graphs. *Electronic Notes in Discrete Mathematics*, **2013**, 44, 31-38	0.3	0
54	L(2,1)-labeling of oriented planar graphs. *Discrete Applied Mathematics*, **2013**, 161, 1719-1725	1	1
53	Optimal -labeling of eight-regular grids. *Information Processing Letters*, **2013**, 113, 361-364	0.8	8
52	ON THE PAIRWISE COMPATIBILITY PROPERTY OF SOME SUPERCLASSES OF THRESHOLD GRAPHS. *Discrete Mathematics, Algorithms and Applications*, **2013**, 05, 1360002	0.5	9
51	Sensor activation and radius adaptation (SARA) in heterogeneous sensor networks. *ACM Transactions on Sensor Networks*, **2012**, 8, 1-34	2.9	90
50	On Relaxing the Constraints in Pairwise Compatibility Graphs. *Lecture Notes in Computer Science*, **2012**, 124-135	0.9	5
49	The L(h, k)-Labelling Problem: An Updated Survey and Annotated Bibliography. *Computer Journal*, **2011**, 54, 1344-1371	1.3	98
48	On Adaptive Density Deployment to Mitigate the Sink-Hole Problem in Mobile Sensor Networks. *Mobile Networks and Applications*, **2011**, 16, 134-145	2.9	13
47	Autonomous Deployment of Heterogeneous Mobile Sensors. *IEEE Transactions on Mobile Computing*, **2011**, 10, 753-766	4.6	63
46	Maximizing the Number of Broadcast Operations in Random Geometric Ad Hoc Wireless Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2011**, 22, 208-216	3.7	3
45	The . *Discrete Applied Mathematics*, **2011**, 159, 1196-1206	1	4
44	The L(2, 1)-Labeling Problem on Oriented Regular Grids. *Computer Journal*, **2011**, 54, 1869-1875	1.3	4
43	Recognition of Unigraphs through Superposition of Graphs. *Journal of Graph Algorithms and Applications*, **2011**, 15, 323-343	1.5	7
42	L(2,1)-Labeling of Unigraphs. *Lecture Notes in Computer Science*, **2011**, 57-68	0.9	1
41	Mobile Sensor Deployment in Unknown Fields **2010**,		6
40	Push & Pull: autonomous deployment of mobile sensors for a complete coverage. *Wireless Networks*, **2010**, 16, 607-625	2.5	35
39	On the L(h, k)-labeling of co-comparability graphs and circular-arc graphs. *Networks*, **2009**, 53, 27-34	1.6	14

38	L(h, 1, 1)-labeling of outerplanar graphs. *Mathematical Methods of Operations Research*, **2009**, 69, 307-321	1	8
37	Antibandwidth of complete . *Discrete Mathematics*, **2009**, 309, 6408-6414	0.7	7
36	Variable Density Deployment and Topology Control for the Solution of the Sink-Hole Problem. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2009**, 167-182	0.2	
35	Recognition of Unigraphs through Superposition of Graphs (Extended Abstract). *Lecture Notes in Computer Science*, **2009**, 165-176	0.9	1
34	Minimum-energy broadcast in random-grid ad-hoc networks **2008**,		4
33	A General Approach to L(h,k)-Label Interconnection Networks. *Journal of Computer Science and Technology*, **2008**, 23, 652-659	1.7	2
32	Minimum-Energy Broadcast and disk cover in grid wireless networks. *Theoretical Computer Science*, **2008**, 399, 38-53	1.1	4
31	Impact of Information on the Complexity of Asynchronous Radio Broadcasting. *Lecture Notes in Computer Science*, **2008**, 311-330	0.9	1
30	On the L(h,k)-Labeling of Co-comparability Graphs. *Lecture Notes in Computer Science*, **2007**, 116-127	0.9	1
29	Labeling trees with a condition at distance two. *Discrete Mathematics*, **2006**, 306, 1534-1539	0.7	25
28	Nearly optimal three dimensional layout of hypercube networks. *Networks*, **2006**, 47, 1-8	1.6	1
27	The L(h, k)-Labelling Problem: A Survey and Annotated Bibliography. *Computer Journal*, **2006**, 49, 585-608	3	101
26	. *Discrete Applied Mathematics*, **2006**, 154, 2445-2457	1	6
25	Antibandwidth of Complete k-Ary Trees. *Electronic Notes in Discrete Mathematics*, **2006**, 24, 259-266	0.3	12
24	Minimum Energy Broadcast and Disk Cover in Grid Wireless Networks. *Lecture Notes in Computer Science*, **2006**, 227-239	0.9	1
23	L(h,1,1)-Labeling of Outerplanar Graphs. *Lecture Notes in Computer Science*, **2006**, 268-279	0.9	1
22	Efficient algorithms for checking the equivalence of multistage interconnection networks. *Journal of Parallel and Distributed Computing*, **2004**, 64, 135-150	4.4	3
21	L(h,1)-labeling subclasses of planar graphs. *Journal of Parallel and Distributed Computing*, **2004**, 64, 414-426	4.4	46

20	Nearly Optimal Three Dimensional Layout of Hypercube Networks. *Lecture Notes in Computer Science*, **2004**, 247-258	0.9	1
19	Interval routing & layered cross product: compact routing schemes for butterflies, meshes of trees, fat trees and Bene□networks. *Journal of Parallel and Distributed Computing*, **2003**, 63, 1017-1025	4.4	1
18	New results on edge-bandwidth. *Theoretical Computer Science*, **2003**, 307, 503-513	1.1	5
17	Exact Solution of a Class of Frequency Assignment Problems in Cellular Networks. *Lecture Notes in Computer Science*, **2003**, 163-173	0.9	1
16	On the Radiocoloring Problem. *Lecture Notes in Computer Science*, **2002**, 118-127	0.9	5
15	L(2, 1)-Coloring Matrogenic Graphs. *Lecture Notes in Computer Science*, **2002**, 236-247	0.9	4
14	ON MAX CUT IN CUBIC GRAPHS. *International Journal of Parallel, Emergent and Distributed Systems*, **2002**, 17, 165-183		
13	L(2,1)-labeling of planar graphs **2001**,		8
12	Optimal three-dimensional layout of interconnection networks. *Theoretical Computer Science*, **2001**, 255, 263-279	1.1	5
11	LD-Coloring of Regular Tiling (Extended Abstract). *Electronic Notes in Discrete Mathematics*, **2001**, 8, 18-21	0.3	1
10	An optimal layout of multigrid networks. *Information Processing Letters*, **1999**, 72, 137-141	0.8	3
9	Orthogonally Drawing Cubic Graphs in Parallel. *Journal of Parallel and Distributed Computing*, **1998**, 55, 94-108	4.4	3
8	Drawing 2-, 3- and 4-colorable graphs in O(n2) volume. *Lecture Notes in Computer Science*, **1997**, 53-62	0.9	4
7	A new 3D representation of trivalent Cayley networks. *Information Processing Letters*, **1997**, 61, 247-252	0.8	1
6	3D straight-line grid drawing of 4-colorable graphs. *Information Processing Letters*, **1997**, 63, 97-102	0.8	14
5	Improved approximations of independent dominating set in bounded degree graphs. *Lecture Notes in Computer Science*, **1997**, 2-16	0.9	1
4	On three-dimensional layout of interconnection networks. *Lecture Notes in Computer Science*, **1997**, 64-75	0.9	3
3	A tight layout of the butterfly network **1996**,		6

2	An efficient orthogonal grid drawing algorithm for cubic graphs. *Lecture Notes in Computer Science*, **1995**, 31-40	0.9	5
1	Optimal L(h,k)-Labeling of Regular Grids. *Discrete Mathematics and Theoretical Computer Science* ,Vol. 8,		13