

Evangelos Kranakis

List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

3,637
citations

218381

26
h-index

205818

48
g-index

288
all docs

288
docs citations

288
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Trends in Collaborative Drones. <i>Sensors</i> , 2022, 22, 3321.	2.1	3
2	Search on a Line by Byzantine Robots. <i>International Journal of Foundations of Computer Science</i> , 2021, 32, 369-387.	0.8	1
3	Robot Evacuation on a Line Assisted by a Bike. <i>Information (Switzerland)</i> , 2021, 12, 28.	1.7	0
4	GPS-Free, Error Tolerant Path Planning for Swarms of Micro Aerial Vehicles with Quality Amplification $\hat{\epsilon}_i$. <i>Sensors</i> , 2021, 21, 4731.	2.1	1
5	Bike Assisted Evacuation on a Line. <i>Lecture Notes in Computer Science</i> , 2021, , 104-118.	1.0	0
6	Risky Zone Avoidance Strategies for Drones. , 2021, , .		3
7	Pilot Contamination Attack Detection in 5G Massive MIMO Systems Using Generative Adversarial Networks. , 2021, , .		3
8	Priority evacuation from a disk: The case of $n \in \{1, 2, 3\}$. <i>Theoretical Computer Science</i> , 2020, 806, 595-616.	0.5	11
9	Searching for a non-adversarial, uncooperative agent on a cycle. <i>Theoretical Computer Science</i> , 2020, 806, 531-542.	0.5	3
10	Weak Coverage of a Rectangular Barrier. <i>Algorithmica</i> , 2020, 82, 721-746.	1.0	3
11	Gathering in the plane of location-aware robots in the presence of spies. <i>Theoretical Computer Science</i> , 2020, 836, 94-109.	0.5	3
12	Capacity Requirements in Networks of Quantum Repeaters and Terminals. , 2020, , .		4
13	Plane and planarity thresholds for random geometric graphs. <i>Discrete Mathematics, Algorithms and Applications</i> , 2020, 12, 2050005.	0.4	0
14	Pantographs and Phase Transitions for the Boundedness of Orbits. <i>Journal of Information Processing</i> , 2020, 28, 775-781.	0.3	0
15	Geocaching-Inspired Navigation for Micro Aerial Vehicles with Fallible Place Recognition. <i>Lecture Notes in Computer Science</i> , 2020, , 55-70.	1.0	1
16	Tuning the demodulation frequency based on a normalized trajectory model for mobile underwater acoustic communications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019, 30, e3712.	2.6	9
17	Geocaching-inspired Resilient Path Planning for Drone Swarms. , 2019, , .		4
18	Quality Amplification of Error Prone Navigation for Swarms of Micro Aerial Vehicles. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Group Search and Evacuation. Lecture Notes in Computer Science, 2019, , 335-370.	1.0	16
20	Patrolling. Lecture Notes in Computer Science, 2019, , 371-400.	1.0	5
21	Group search of the plane with faulty robots. Theoretical Computer Science, 2019, 792, 69-84.	0.5	2
22	Search on a line with faulty robots. Distributed Computing, 2019, 32, 493-504.	0.7	14
23	Time-Energy Tradeoffs for Evacuation by Two Robots in the Wireless Model. Lecture Notes in Computer Science, 2019, , 185-199.	1.0	4
24	Optimal Circle Search Despite the Presence of Faulty Robots. Lecture Notes in Computer Science, 2019, , 192-205.	1.0	10
25	Asymptotically optimal scheduling of random malleable demands in smart grid. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850025.	0.4	1
26	The Sound of Communication in Underwater Acoustic Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 13-23.	0.2	10
27	Guest Editorial: Special Issue on Theoretical Informatics. Algorithmica, 2018, 80, 827-829.	1.0	0
28	Evacuating two robots from multiple unknown exits in a circle. Theoretical Computer Science, 2018, 709, 20-30.	0.5	9
29	Know when to persist: Deriving value from a stream buffer. Theoretical Computer Science, 2018, 717, 47-61.	0.5	0
30	Low Frequency Mobile Communications in Underwater Networks. Lecture Notes in Computer Science, 2018, , 239-251.	1.0	5
31	Gathering in the Plane of Location-Aware Robots in the Presence of Spies. Lecture Notes in Computer Science, 2018, , 361-376.	1.0	4
32	Priority Evacuation from a Disk Using Mobile Robots. Lecture Notes in Computer Science, 2018, , 392-407.	1.0	11
33	Patrolling a Path Connecting a Set of Points with Unbalanced Frequencies of Visits. Lecture Notes in Computer Science, 2018, , 367-380.	1.0	10
34	Exploring Graphs with Time Constraints by Unreliable Collections of Mobile Robots. Lecture Notes in Computer Science, 2018, , 381-395.	1.0	1
35	Weak Coverage of a Rectangular Barrier. Lecture Notes in Computer Science, 2017, , 196-208.	1.0	4
36	Patrolling Trees with Mobile Robots. Lecture Notes in Computer Science, 2017, , 331-344.	1.0	5

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37	When Patrolmen Become Corrupted: Monitoring a Graph Using Faulty Mobile Robots. <i>Algorithmica</i> , 2017, 79, 925-940.	1.0	15
38	Learning to Communicate Underwater. , 2017, , .		1
39	Searching for a Non-adversarial, Uncooperative Agent on a Cycle. <i>Lecture Notes in Computer Science</i> , 2017, , 114-126.	1.0	0
40	Searching with Advice: Robot Fence-Jumping. <i>Journal of Information Processing</i> , 2017, 25, 559-571.	0.3	4
41	Different Speeds Suffice for Rendezvous of Two Agents on Arbitrary Graphs. <i>Lecture Notes in Computer Science</i> , 2017, , 79-90.	1.0	5
42	Search-and-Fetch with One Robot on a Disk. <i>Lecture Notes in Computer Science</i> , 2017, , 80-94.	1.0	7
43	Linear Search with Terrain-Dependent Speeds. <i>Lecture Notes in Computer Science</i> , 2017, , 430-441.	1.0	8
44	Evacuation from a Disc in the Presence of a Faulty Robot. <i>Lecture Notes in Computer Science</i> , 2017, , 158-173.	1.0	18
45	Rendezvous on a Line by Location-Aware Robots Despite the Presence of Byzantine Faults. <i>Lecture Notes in Computer Science</i> , 2017, , 70-83.	1.0	5
46	Distributed Patrolling with Two-Speed Robots (and an Application to Transportation). <i>Communications in Computer and Information Science</i> , 2017, , 71-95.	0.4	1
47	On the displacement for covering a unit interval with randomly placed sensors. <i>Information Processing Letters</i> , 2016, 116, 710-717.	0.4	9
48	Sensor allocation problems on the real line. <i>Journal of Applied Probability</i> , 2016, 53, 667-687.	0.4	4
49	Evacuating two robots from multiple unknown exits in a circle. , 2016, , .		7
50	Distributed algorithms for barrier coverage using relocatable sensors. <i>Distributed Computing</i> , 2016, 29, 361-376.	0.7	10
51	On the displacement for covering a d-dimensional cube with randomly placed sensors. <i>Ad Hoc Networks</i> , 2016, 40, 37-45.	3.4	9
52	Strong connectivity of sensor networks with double antennae. <i>Theoretical Computer Science</i> , 2016, 610, 192-203.	0.5	1
53	Channel selection using a multiple radio model. <i>Journal of Network and Computer Applications</i> , 2016, 64, 113-123.	5.8	3
54	Optimization Problems in Infrastructure Security. <i>Lecture Notes in Computer Science</i> , 2016, , 3-13.	1.0	3

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55	Search on a Line with Faulty Robots. , 2016, , .		22
56	Fence Patrolling with Two-speed Robots. , 2016, , .		6
57	Know When to Persist: Deriving Value from a Stream Buffer. Lecture Notes in Computer Science, 2016, , 101-112.	1.0	1
58	Reconstructing Cactus Graphs from Shortest Path Information. Lecture Notes in Computer Science, 2016, , 150-161.	1.0	0
59	Mobile Agents and Exploration. , 2016, , 1338-1341.		0
60	Position discovery for a system of bouncing robots. Information and Computation, 2015, 244, 122-133.	0.5	2
61	The Beachcombers' Problem: Walking and searching with mobile robots. Theoretical Computer Science, 2015, 608, 201-218.	0.5	8
62	Searching for majority with k-tuple queries. Discrete Mathematics, Algorithms and Applications, 2015, 07, 1550009.	0.4	6
63	Location-free link state routing for underwater acoustic sensor networks. , 2015, , .		17
64	Introduction to the Special Issue: Combinatorics and Geometry. Graphs and Combinatorics, 2015, 31, 319-320.	0.2	0
65	Complexity of barrier coverage with relocatable sensors in the plane. Theoretical Computer Science, 2015, 579, 64-73.	0.5	47
66	Monitoring the Plane with Rotating Radars. Graphs and Combinatorics, 2015, 31, 393-405.	0.2	0
67	Localization for a system of colliding robots. Distributed Computing, 2015, 28, 245-252.	0.7	2
68	Randomized Rendezvous Algorithms for Agents on a Ring with Different Speeds. , 2015, , .		4
69	Connectivity and stretch factor trade-offs in wireless sensor networks with directional antennae. Theoretical Computer Science, 2015, 590, 55-72.	0.5	10
70	Excuse me! or the courteous theatregoers' problem. Theoretical Computer Science, 2015, 586, 95-110.	0.5	1
71	Rendezvous of Many Agents with Different Speeds in a Cycle. Lecture Notes in Computer Science, 2015, , 195-209.	1.0	8
72	Information Spreading by Mobile Particles on a Line. Lecture Notes in Computer Science, 2015, , 285-298.	1.0	1

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73	Maintaining Intruder Detection Capability in a Rectangular Domain with Sensors. Lecture Notes in Computer Science, 2015, , 27-40.	1.0	3
74	On Convergence and Threshold Properties of Discrete Lotka-Volterra Population Protocols. Lecture Notes in Computer Science, 2015, , 393-405.	1.0	10
75	When Patrolmen Become Corrupted: Monitoring a Graph Using Faulty Mobile Robots. Lecture Notes in Computer Science, 2015, , 343-354.	1.0	11
76	Plane and Planarity Thresholds for Random Geometric Graphs. Lecture Notes in Computer Science, 2015, , 1-12.	1.0	0
77	Optimal charging strategies for electrical vehicles under real time pricing. , 2014, , .		5
78	A new analysis of the cognitive radio jump-stay algorithm under the asymmetric model. , 2014, , .		7
79	The Bidirectional Algorithm for Channel Selection Using a Two-Radio Model. , 2014, , .		1
80	On the event distance of Poisson processes with applications to sensors. Discrete Applied Mathematics, 2014, 179, 152-162.	0.5	8
81	Editorial: Fun with Algorithms. Theory of Computing Systems, 2014, 54, 529-530.	0.7	0
82	Patrolling by Robots Equipped with Visibility. Lecture Notes in Computer Science, 2014, , 224-234.	1.0	5
83	The Beachcombers™ Problem: Walking and Searching with Mobile Robots. Lecture Notes in Computer Science, 2014, , 23-36.	1.0	11
84	Evacuating Robots via Unknown Exit in a Disk. Lecture Notes in Computer Science, 2014, , 122-136.	1.0	37
85	Survivability of Swarms of Bouncing Robots. Lecture Notes in Computer Science, 2014, , 622-633.	1.0	3
86	Excuse Me! or The Courteous Theatregoers™ Problem. Lecture Notes in Computer Science, 2014, , 194-205.	1.0	0
87	Revisiting the Performance of the Modular Clock Algorithm for Distributed Blind Rendezvous in Cognitive Radio Networks. Lecture Notes in Computer Science, 2014, , 197-208.	1.0	0
88	Distributed algorithms for barrier coverage using relocatable sensors. , 2013, , .		10
89	Asymptotic Number of Hairpins of Saturated RNA Secondary Structures. Bulletin of Mathematical Biology, 2013, 75, 2410-2430.	0.9	0
90	Asymptotic structural properties of quasi-random saturated structures of RNA. Algorithms for Molecular Biology, 2013, 8, 24.	0.3	1

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91	QoS and security in Link State Routing protocols for MANETs. , 2013, , .		1
92	A new analytic model for the cognitive radio jump-stay algorithm. , 2013, , .		2
93	A multipath routing strategy to prevent flooding disruption attacks in link state routing protocols for MANETs. Journal of Network and Computer Applications, 2013, 36, 744-755.	5.8	33
94	Strongly connected orientations of plane graphs. Discrete Applied Mathematics, 2013, 161, 176-183.	0.5	0
95	Power strip packing of malleable demands in smart grid. , 2013, , .		7
96	Optimal patrolling of fragmented boundaries. , 2013, , .		25
97	Expected sum and maximum of displacement of random sensors for coverage of a domain. , 2013, , .		10
98	Asymptotic convex optimization for packing random malleable demands in smart grid. , 2013, , .		1
99	Complexity of Barrier Coverage with Relocatable Sensors in the Plane. Lecture Notes in Computer Science, 2013, , 170-182.	1.0	8
100	Strong Connectivity of Wireless Sensor Networks with Double Directional Antennae in 3D. Lecture Notes in Computer Science, 2013, , 257-268.	1.0	1
101	Localization for a System of Colliding Robots. Lecture Notes in Computer Science, 2013, , 508-519.	1.0	8
102	Approximation Algorithms for the Antenna Orientation Problem. Lecture Notes in Computer Science, 2013, , 225-235.	1.0	0
103	BOUNDED LENGTH, 2-EDGE AUGMENTATION OF GEOMETRIC PLANAR GRAPHS. Discrete Mathematics, Algorithms and Applications, 2012, 04, 1250036.	0.4	5
104	Cooperative Neighbor Discovery Protocol for a Wireless Network Using Two Antenna Patterns. , 2012, , .		5
105	STRONG CONNECTIVITY IN SENSOR NETWORKS WITH GIVEN NUMBER OF DIRECTIONAL ANTENNAE OF BOUNDED ANGLE. Discrete Mathematics, Algorithms and Applications, 2012, 04, 1250038.	0.4	10
106	Computing majority with triple queries. Theoretical Computer Science, 2012, 461, 17-26.	0.5	12
107	On the page number of RNA secondary structures with pseudoknots. Journal of Mathematical Biology, 2012, 65, 1337-1357.	0.8	14
108	Maintaining Privacy on a Line. Theory of Computing Systems, 2012, 50, 147-157.	0.7	2

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109	Neighbor Discovery in a Sensor Network with Directional Antennae. Lecture Notes in Computer Science, 2012, , 57-71.	1.0	11
110	Approximating the Edge Length of 2-Edge Connected Planar Geometric Graphs on a Set of Points. Lecture Notes in Computer Science, 2012, , 255-266.	1.0	3
111	Robust Sensor Range for Constructing Strongly Connected Spanning Digraphs in UDGs. Lecture Notes in Computer Science, 2012, , 112-124.	1.0	3
112	Uninterrupted Coverage of a Planar Region with Rotating Directional Antennae. Lecture Notes in Computer Science, 2012, , 56-68.	1.0	1
113	Position Discovery for a System of Bouncing Robots. Lecture Notes in Computer Science, 2012, , 341-355.	1.0	7
114	Security Issues in Link State Routing Protocols for MANETs. Mathematics in Industry, 2012, , 117-148.	0.1	3
115	Strong Connectivity of Sensor Networks with Double Antennae. Lecture Notes in Computer Science, 2012, , 99-110.	1.0	3
116	Preventing the Cluster Formation Attack against the Hierarchical OLSR Protocol. Lecture Notes in Computer Science, 2012, , 118-131.	1.0	2
117	Connectivity Trade-offs in 3D Wireless Sensor Networks Using Directional Antennae. , 2011, , .		5
118	Mitigation of Flooding Disruption Attacks in Hierarchical OLSR Networks. , 2011, , .		3
119	Distributed Key Establishment in Disruption Tolerant Location Based Social Wireless Sensor and Actor Network. , 2011, , .		1
120	Location-Oblivious Distributed Unit Disk Graph Coloring. Algorithmica, 2011, 60, 236-249.	1.0	0
121	Analysing local algorithms in location-aware quasi-unit-disk graphs. Discrete Applied Mathematics, 2011, 159, 1566-1580.	0.5	5
122	Secure geolocalization of wireless sensor nodes in the presence of misbehaving anchor nodes. Annales Des Telecommunications/Annals of Telecommunications, 2011, 66, 535-552.	1.6	10
123	Deterministic symmetric rendezvous with tokens in a synchronous torus. Discrete Applied Mathematics, 2011, 159, 896-923.	0.5	6
124	Randomized rendezvous with limited memory. ACM Transactions on Algorithms, 2011, 7, 1-12.	0.9	4
125	On the Complexity of the Multi-Robot, Multi-Depot Map Visitation Problem. , 2011, , .		2
126	Maintaining Connectivity in Sensor Networks Using Directional Antennae. Monographs in Theoretical Computer Science, 2011, , 59-84.	0.6	16

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127	Boundary Patrolling by Mobile Agents with Distinct Maximal Speeds. Lecture Notes in Computer Science, 2011, , 701-712.	1.0	60
128	Computing Majority with Triple Queries. Lecture Notes in Computer Science, 2011, , 604-615.	1.0	1
129	Planar Subgraphs without Low-Degree Nodes. Lecture Notes in Computer Science, 2011, , 583-594.	1.0	2
130	The diameter and connectivity of networks with random dependent faults. Networks, 2010, 56, 103-115.	1.6	1
131	Distributed storage in Disruption Tolerant Network. , 2010, , .		5
132	A geometric routing protocol in disruption tolerant network. International Journal of Parallel, Emergent and Distributed Systems, 2010, 25, 489-508.	0.7	5
133	Using time-of-day and location-based mobility profiles to improve scanning during handovers. , 2010, , .		4
134	The Mobile Agent Rendezvous Problem in the Ring. Synthesis Lectures on Distributed Computing Theory, 2010, 1, 1-122.	0.1	62
135	Mitigation of topology control traffic attacks in OLSR networks. , 2010, , .		9
136	Prioritized Access for Emergency Stations in Next Generation Broadband Wireless Networks. , 2010, , .		2
137	The Urinal Problem. Lecture Notes in Computer Science, 2010, , 284-295.	1.0	1
138	On Minimizing the Sum of Sensor Movements for Barrier Coverage of a Line Segment. Lecture Notes in Computer Science, 2010, , 29-42.	1.0	45
139	Strong Connectivity in Sensor Networks with Given Number of Directional Antennae of Bounded Angle. Lecture Notes in Computer Science, 2010, , 72-86.	1.0	18
140	Bounded Length, 2-Edge Augmentation of Geometric Planar Graphs. Lecture Notes in Computer Science, 2010, , 385-397.	1.0	2
141	Security Threat Mitigation Trends in Low-Cost RFID Systems. Lecture Notes in Computer Science, 2010, , 193-207.	1.0	4
142	Strong Orientations of Planar Graphs with Bounded Stretch Factor. Lecture Notes in Computer Science, 2010, , 224-236.	1.0	3
143	Maximum Interference of Random Sensors on a Line. Lecture Notes in Computer Science, 2010, , 197-210.	1.0	3
144	Broadcasting in Sensor Networks of Unknown Topology in the Presence of Swamping. Lecture Notes in Computer Science, 2010, , 267-281.	1.0	0

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145	Optimal Balancing of Satellite Queues in Packet Transmission to Ground Stations. Lecture Notes in Computer Science, 2010, , 303-316.	1.0	0
146	WIMAX/802.16 BROADBAND WIRELESS NETWORKS. , 2010, , 79-111.		1
147	Asymptotics of Canonical RNA Secondary Structures. , 2009, , .		0
148	Sensor network connectivity with multiple directional antennae of a given angular sum. , 2009, , .		19
149	ASYMPTOTICS OF CANONICAL AND SATURATED RNA SECONDARY STRUCTURES. Journal of Bioinformatics and Computational Biology, 2009, 07, 869-893.	0.3	13
150	BALANCING TRAFFIC LOAD USING ONE-TURN RECTILINEAR ROUTING. Journal of Interconnection Networks, 2009, 10, 93-120.	0.6	4
151	LOCAL CONSTRUCTION AND COLORING OF SPANNERS OF LOCATION AWARE UNIT DISK GRAPHS. Discrete Mathematics, Algorithms and Applications, 2009, 01, 555-588.	0.4	5
152	An integrated approach to detection of fast and slow scanning worms. , 2009, , .		5
153	Optimal movement of mobile sensors for barrier coverage of a planar region. Theoretical Computer Science, 2009, 410, 5515-5528.	0.5	90
154	Random maximal independent sets and the unfriendly theater seating arrangement problem. Discrete Mathematics, 2009, 309, 5120-5129.	0.4	10
155	Detection of slow malicious worms using multi-sensor data fusion. , 2009, , .		1
156	A Hop Count Based Greedy Face Greedy Routing Protocol on Localized Geometric Spanners. , 2009, , .		1
157	A Geometric Routing Protocol in Disruption Tolerant Network. , 2009, , .		4
158	Local PTAS for Dominating and Connected Dominating Set in Location Aware Unit Disk Graphs. Lecture Notes in Computer Science, 2009, , 227-240.	1.0	5
159	Routing on Delay Tolerant Sensor Networks. Lecture Notes in Computer Science, 2009, , 155-166.	1.0	2
160	Constant memory routing in quasi-planar and quasi-polyhedral graphs. Discrete Applied Mathematics, 2008, 156, 3430-3442.	0.5	1
161	On the false-positive rate of Bloom filters. Information Processing Letters, 2008, 108, 210-213.	0.4	127
162	Memoryless search algorithms in a network with faulty advice. Theoretical Computer Science, 2008, 402, 190-198.	0.5	12

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163	Analysis of Threats to the Security of EPC Networks. , 2008, , .		11
164	Security Threats on EPC Based RFID Systems. , 2008, , .		6
165	Communication in wireless networks with directional antennas. , 2008, , .		42
166	Modeling host-based detection and active worm containment. , 2008, , .		0
167	Strategies for fast scanning, ranging and handovers in WiMAX/802.16. International Journal of Communication Networks and Distributed Systems, 2008, 1, 414.	0.3	14
168	Impact of Locality on Location Aware Unit Disk Graphs. Algorithms, 2008, 1, 2-29.	1.2	4
169	Local PTAS for Independent Set and Vertex Cover in Location Aware Unit Disk Graphs. , 2008, , 415-431.		8
170	The Power of Tokens: Rendezvous and Symmetry Detection for Two Mobile Agents in a Ring. Lecture Notes in Computer Science, 2008, , 234-246.	1.0	12
171	Randomized Rendez-Vous with Limited Memory. , 2008, , 605-616.		24
172	Local Maximal Matching and Local 2-Approximation for Vertex Cover in UDGs. Lecture Notes in Computer Science, 2008, , 1-14.	1.0	2
173	Mobile Agents and Exploration. , 2008, , 548-551.		0
174	Local Construction and Coloring of Spanners of Location Aware Unit Disk Graphs. Lecture Notes in Computer Science, 2008, , 372-383.	1.0	3
175	On interdomain routing security and pretty secure BGP (psBGP). ACM Transactions on Information and System Security, 2007, 10, 11.	4.5	72
176	Endpoint-Driven Intrusion Detection and Containment of Fast Spreading Worms in Enterprise Networks. , 2007, , .		3
177	Tracking Darkports for Network Defense. , 2007, , .		12
178	Strategies for fast scanning and handovers in WiMAX/802.16. , 2007, , .		17
179	Asymptotic expected number of base pairs in optimal secondary structure for random RNA using the Nussinov-Jacobson energy model. Discrete Applied Mathematics, 2007, 155, 759-787.	0.5	7
180	Local Edge Colouring of Yao-Like Subgraphs of Unit Disk Graphs. , 2007, , 195-207.		4

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181	Communication in Networks with Random Dependent Faults. Lecture Notes in Computer Science, 2007, , 418-429.	1.0	3
182	Tracking Darkports for Network Defense. Proceedings of the Computer Security Applications Conference, 2007, , .	0.0	1
183	Addressing SMTP-Based Mass-Mailing Activity within Enterprise Networks. Proceedings of the Computer Security Applications Conference, 2006, , .	0.0	4
184	Asynchronous deterministic rendezvous in graphs. Theoretical Computer Science, 2006, 355, 315-326.	0.5	132
185	Deterministic M2M multicast in radio networks. Theoretical Computer Science, 2006, 362, 196-206.	0.5	13
186	Local Construction of Planar Spanners in Unit Disk Graphs with Irregular Transmission Ranges. Lecture Notes in Computer Science, 2006, , 286-297.	1.0	12
187	Mobile Agent Rendezvous in a Synchronous Torus. Lecture Notes in Computer Science, 2006, , 653-664.	1.0	26
188	Mobile Agent Rendezvous: A Survey. Lecture Notes in Computer Science, 2006, , 1-9.	1.0	51
189	Directional Versus Omnidirectional Antennas for Energy Consumption and k-Connectivity of Networks of Sensors. Lecture Notes in Computer Science, 2005, , 357-368.	1.0	44
190	On realizing shapes in the theory of RNA neutral networks. Journal of Theoretical Biology, 2005, 236, 216-227.	0.8	7
191	Games on triangulations. Theoretical Computer Science, 2005, 343, 42-71.	0.5	8
192	Structural RNA has lower folding energy than random RNA of the same dinucleotide frequency. Rna, 2005, 11, 578-591.	1.6	178
193	Distributed Dynamic Storage in Wireless Networks. International Journal of Distributed Sensor Networks, 2005, 1, 355-371.	1.3	4
194	Satellite transport protocol handling bit corruption, handoff and limited connectivity. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 489-502.	2.6	12
195	Asynchronous Deterministic Rendezvous in Graphs. Lecture Notes in Computer Science, 2005, , 271-282.	1.0	11
196	Tree exploration with little memory. Journal of Algorithms, 2004, 51, 38-63.	0.9	94
197	Sorting and election in anonymous asynchronous rings. Journal of Parallel and Distributed Computing, 2004, 64, 254-265.	2.7	32
198	Searching with mobile agents in networks with liars. Discrete Applied Mathematics, 2004, 137, 69-85.	0.5	7

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199	Approximate hotlink assignment. Information Processing Letters, 2004, 90, 121-128.	0.4	11
200	S-RIP: A Secure Distance Vector Routing Protocol. Lecture Notes in Computer Science, 2004, , 103-119.	1.0	13
201	Improving Distance Based Geographic Location Techniques in Sensor Networks. Lecture Notes in Computer Science, 2004, , 197-210.	1.0	20
202	Multiple Mobile Agent Rendezvous in a Ring. Lecture Notes in Computer Science, 2004, , 599-608.	1.0	58
203	Mobile Agents Rendezvous When Tokens Fail. Lecture Notes in Computer Science, 2004, , 161-172.	1.0	19
204	Morelia Test: Improving the Efficiency of the Gabriel Test and Face Routing in Ad-Hoc Networks. Lecture Notes in Computer Science, 2004, , 23-34.	1.0	20
205	Locating information with uncertainty in fully interconnected networks: The case of nondistributed memory. Networks, 2003, 42, 169-180.	1.6	3
206	STATION LAYOUTS IN THE PRESENCE OF LOCATION CONSTRAINTS. Journal of Interconnection Networks, 2002, 03, 1-17.	0.6	1
207	The impact of information on broadcasting time in linear radio networks. Theoretical Computer Science, 2002, 287, 449-471.	0.5	34
208	Distributed computing on oriented anonymous hypercubes with faulty components. Distributed Computing, 2001, 14, 185-189.	0.7	3
209	Ray shooting from convex ranges. Discrete Applied Mathematics, 2001, 108, 259-267.	0.5	0
210	Rigorous results for random (2+p)-SAT. Theoretical Computer Science, 2001, 265, 109-129.	0.5	55
211	Fault-Tolerant Broadcasting in Radio Networks. Journal of Algorithms, 2001, 39, 47-67.	0.9	59
212	Random Constraint Satisfaction: A More Accurate Picture. Constraints, 2001, 6, 329-344.	0.4	52
213	Locating Information with Uncertainty in Fully Interconnected Networks with Applications to World Wide Web Information Retrieval. Computer Journal, 2001, 44, 221-229.	1.5	5
214	Approximate Hotlink Assignment. Lecture Notes in Computer Science, 2001, , 756-767.	1.0	17
215	Power consumption in packet radio networks. Theoretical Computer Science, 2000, 243, 289-305.	0.5	336
216	Efficient Regular Polygon Dissections. Geometriae Dedicata, 2000, 80, 247-262.	0.1	8

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217	On Recognizing a String on an Anonymous Ring. Theory of Computing Systems, 2000, 34, 3-12.	0.7	1
218	Searching with Mobile Agents in Networks with Liars. Lecture Notes in Computer Science, 2000, , 583-590.	1.0	1
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