Hanan Samet

List of Publications by Year
in descending order

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72	4,419	212478	242451
papers	citations	28 h-index	47 g-index

73	73	73	2033
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Habit2vec: Trajectory Semantic Embedding for Living Pattern Recognition in Population. IEEE Transactions on Mobile Computing, 2020, 19, 1096-1108.	3.9	48
2	Enhancing local live tweet stream to detect news. GeoInformatica, 2020, 24, 411-441.	2.0	5
3	HealthWalks. , 2020, 4, 1-26.		10
4	Visualizing SpatioTemporal Keyword Trends in Online News Articles. , 2020, , .		4
5	Learning Embeddings of Spatial, Textual and Temporal Entities in Geotagged Tweets. , 2019, , .		5
6	DeLLe. , 2019, , .		3
7	Sorting in Space and Words. , 2018, , .		2
8	Enhancing Local Live Tweet Stream to Detect News. , 2018, , .		4
9	Measuring Spatial Influence of Twitter Users by Interactions. , 2017, , .		10
10	Finding and Tracking Local Twitter Users for News Detection. , 2017, , .		10
11	Location Specification and Representation in Multimedia Databases. , 2015, , .		1
12	DICLERGE. , 2015, , .		8
13	Memory-efficient algorithms for spatial network queries. , 2013, , .		17
14	Sorting in Space: Multidimensional, spatial, and metric data structures for applications in spatial databases, geographic information systems (GIS), and location-based services. , 2013, , .		2
15	Schema extraction for tabular data on the web. Proceedings of the VLDB Endowment, 2013, 6, 421-432.	2.1	69
16	Query Processing Using Distance Oracles for Spatial Networks. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1158-1175.	4.0	53
17	Geotagging with local lexicons to build indexes for textually-specified spatial data. , 2010, , .		90
18	Distance Oracles for Spatial Networks. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	53

#	Article	IF	Citations
19	Sorting Spatial Data by Spatial Occupancy. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 31-43.	0.1	2
20	K-Nearest Neighbor Finding Using MaxNearestDist. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 243-252.	9.7	107
21	Augmenting spatio-textual search with an infectious disease ontology. , 2008, , .		8
22	Indexing Point Triples Via Triangle Geometry. , 2007, , .		2
23	Client-Based Spatial Browsing on the World Wide Web. IEEE Internet Computing, 2007, 11, 52-59.	3.2	19
24	Indexing Methods for Similarity Searching. , 2007, , .		5
25	Using a distributed quadtree index in peer-to-peer networks. VLDB Journal, 2007, 16, 165-178.	2.7	132
26	Indexing Methods for Similarity Searching. , 2007, , .		0
27	Extending the SAND Spatial Database System for the Visualization of Three-Dimensional Scientific Data. Geographical Analysis, 2006, 38, 87-101.	1.9	3
28	Building and Querying a P2P Virtual World. GeoInformatica, 2006, 10, 91-116.	2.0	9
29	Speeding up construction of PMR quadtree-based spatial indexes. VLDB Journal, 2002, 11, 109-137.	2.7	68
30	Object Representations. , 2001, , 181-217.		0
31	Integrating symbolic images into a multimedia database system using classification and abstraction approaches. VLDB Journal, 1998, 7, 253-274.	2.7	4
32	MAGELLAN: Map Acquisition of GEographic Labels by Legend ANalysis. International Journal on Document Analysis and Recognition, 1998, 1, 89-101.	2.7	24
33	Vertex representations and their applications in computer graphics. Visual Computer, 1998, 14, 240-256.	2.5	5
34	Handling Multiple Instances of Symbols in Pictorial Queries by Image Similarity. Series on Software Engineering and Knowledge Engineering, 1998, , 77-85.	0.1	5
35	Ranking in spatial databases. Lecture Notes in Computer Science, 1995, , 83-95.	1.0	188
36	A fast quadtree normalization algorithm. Pattern Recognition Letters, 1994, 15, 57-63.	2.6	5

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37	Data-Parallel R-Tree Algorithms. , 1993, , .		8
38	Linear-time border-tracing algorithms for quadtrees. Algorithmica, 1992, 8, 39-54.	1.0	4
39	QUILT: a geographic information system based on quadtreesâ€. International Journal of Geographical Information Science, 1990, 4, 103-131.	2.2	56
40	Set operations for unaligned linear quadtrees. Computer Vision, Graphics, and Image Processing, 1990, 50, 29-49.	1.1	14
41	Hierarchical Data Structures for Spatial Reasoning. , 1990, , 41-58.		2
42	Neighbor finding in images represented by octrees. Computer Vision, Graphics, and Image Processing, 1989, 46, 367-386.	1.1	55
43	Implementing ray tracing with octrees and neighbor finding. Computers and Graphics, 1989, 13, 445-460.	1.4	49
44	An Overview of Quadtrees, Octrees, and Related Hierarchical Data Structures. , 1988, , 51-68.		72
45	Optimal quadtree construction algorithms. Computer Vision, Graphics, and Image Processing, 1987, 37, 402-419.	1.1	84
46	Bibliography on quadtrees and related hierarchical data structures. , 1986, , 181-201.		13
47	Using linear quadtrees to store vector data. , 1986, , 91-123.		3
48	Bintrees, CSG trees, and time. Computer Graphics, 1985, 19, 121-130.	0.1	57
49	Reconstruction of quadtrees from quadtree medial axis transforms. Computer Vision, Graphics, and Image Processing, 1985, 29, 311-328.	1.1	16
50	Data structures for quadtree approximation and compression. Communications of the ACM, 1985, 28, 973-993.	3.3	68
51	A Top-Down Quadtree Traversal Algorithm. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 94-98.	9.7	43
52	Computing Geometric Properties of Images Represented by Linear Quadtrees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 229-240.	9.7	95
53	Using Quadtrees to Represent Spatial Data. , 1985, , 229-247.		9
54	Algorithms for the conversion of quadtrees to rasters. Computer Vision, Graphics, and Image Processing, 1984, 26, 1-16.	1.1	22

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55	On Encoding Boundaries with Quadtrees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1984, PAMI-6, 365-369.	9.7	33
56	The Quadtree and Related Hierarchical Data Structures. ACM Computing Surveys, 1984, 16, 187-260.	16.1	1,697
57	Efficient octree conversion by connectivity labeling. Computer Graphics, 1984, 18, 43-51.	0.1	43
58	Quadtree region representation in cartography: Experimental results. IEEE Transactions on Systems, Man, and Cybernetics, 1983, SMC-13, 1148-1154.	0.9	10
59	A quadtree medial axis transform. Communications of the ACM, 1983, 26, 680-693.	3.3	50
60	Distance Transform for Images Represented by Quadtrees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1982, PAMI-4, 298-303.	9.7	58
61	Neighbor finding techniques for images represented by quadtrees. Computer Graphics and Image Processing, 1982, 18, 37-57.	0.9	167
62	Shape approximation using quadtrees. Pattern Recognition, 1982, 15, 31-40.	5.1	23
63	Computing Perimeters of Regions in Images Represented by Quadtrees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1981, PAMI-3, 683-687.	9.7	46
64	An Algorithm for Converting Rasters to Quadtrees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1981, PAMI-3, 93-95.	9.7	98
65	Connected Component Labeling Using Quadtrees. Journal of the ACM, 1981, 28, 487-501.	1.8	169
66	Region representation: Quadtrees from binary arrays. Computer Graphics and Image Processing, 1980, 13, 88-93.	0.9	90
67	Region representation. Communications of the ACM, 1980, 23, 163-170.	3.3	150
68	Region representation. Communications of the ACM, 1980, 23, 171-179.	3.3	124
69	A Coroutine Approach to Parsing. ACM Transactions on Programming Languages and Systems, 1980, 2, 290-306.	1.7	1
70	Artificial Intelligence Programming Languages for Computer Aided Manufacturing. IEEE Transactions on Systems, Man, and Cybernetics, 1979, 9, 205-226.	0.9	7
71	A normal form for compiler testing. ACM SIGART Bulletin, 1977, , 155-162.	0.5	0
72	A normal form for compiler testing. ACM SIGPLAN Notices, 1977, 12, 155-162.	0.2	1