Yannis Manolopoulos

List of Publications by Year
in descending order

102	1,981	430442	301761
papers	citations	18 h-index	39 g-index

105	105	105	1586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generalized Hirsch h-index for disclosing latent facts in citation networks. Scientometrics, 2007, 72, 253-280.	1.6	297
2	Closest pair queries in spatial databases. , 2000, , .		129
3	A Unified Framework for Providing Recommendations in Social Tagging Systems Based on Ternary Semantic Analysis. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 179-192.	4.0	129
4	Edge betweenness centrality: A novel algorithm for QoS-based topology control over wireless sensor networks. Journal of Network and Computer Applications, 2012, 35, 1210-1217.	5.8	94
5	Providing Justifications in Recommender Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 1262-1272.	3.4	90
6	A generalized taxonomy of explanations styles for traditional and social recommender systems. Data Mining and Knowledge Discovery, 2012, 24, 555-583.	2.4	89
7	Closest pair queries in spatial databases. SIGMOD Record, 2000, 29, 189-200.	0.7	81
8	Collaborative recommender systems: Combining effectiveness and efficiency. Expert Systems With Applications, 2008, 34, 2995-3013.	4.4	79
9	Efficient and flexible algorithms for monitoring distance-based outliers over data streams. Information Systems, 2016, 55, 37-53.	2.4	76
10	MoviExplain. , 2009, , .		67
11	A time-aware spatio-textual recommender system. Expert Systems With Applications, 2017, 78, 396-406.	4.4	60
12	From biological to social networks: Link prediction based on multi-way spectral clustering. Data and Knowledge Engineering, 2013, 87, 226-242.	2.1	54
13	CDNsim. ACM Transactions on Modeling and Computer Simulation, 2010, 20, 1-40.	0.6	46
14	Cooperative Caching in Wireless Multimedia Sensor Networks. Mobile Networks and Applications, 2008, 13, 337.	2.2	42
15	Prefetching in Content Distribution Networks via Web Communities Identification and Outsourcing. World Wide Web, 2008, 11, 39-70.	2.7	41
16	A Graph-Based Taxonomy of Recommendation Algorithms and Systems in LBSNs. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 604-622.	4.0	38
17	Progressive processing of subspace dominating queries. VLDB Journal, 2011, 20, 921-948.	2.7	32
18	Recommendations based on a heterogeneous spatio-temporal social network. World Wide Web, 2018, 21, 345-371.	2.7	27

#	Article	IF	Citations
19	Recommendation of Points-of-Interest Using Graph Embeddings. , 2018, , .		25
20	Recommender Systems for Location-based Social Networks. Springer Briefs in Electrical and Computer Engineering, 2014, , .	0.3	22
21	RELINE: point-of-interest recommendations using multiple network embeddings. Knowledge and Information Systems, 2021, 63, 791-817.	2.1	21
22	Efficient distance join query processing in distributed spatial data management systems. Information Sciences, 2020, 512, 985-1008.	4.0	19
23	Multi-Way Distance Join Queries in Spatial Databases. GeoInformatica, 2004, 8, 373-402.	2.0	17
24	Caching in Web memory hierarchies. , 2004, , .		15
25	Ranking and identifying influential scientists versus mass producers by the Perfectionism Index. Scientometrics, 2015, 103, 1-31.	1.6	15
26	Music search engines: Specifications and challenges. Information Processing and Management, 2009, 45, 392-396.	5.4	14
27	Geo-activity recommendations by using improved feature combination. , 2012, , .		14
28	A quantitative approach to evaluate Website Archivability using the CLEAR+ method. International Journal on Digital Libraries, 2016, 17, 119-141.	1.1	14
29	New plane-sweep algorithms for distance-based join queries in spatial databases. GeoInformatica, 2016, 20, 571-628.	2.0	13
30	Efficient query processing on large spatial databases: A performance study. Journal of Systems and Software, 2017, 132, 165-185.	3.3	13
31	Efficient large-scale distance-based join queries in spatialhadoop. GeoInformatica, 2018, 22, 171-209.	2.0	13
32	Can Virtual Assistants Produce Recommendations?. , 2019, , .		13
33	Indexing in flash storage devices: a survey on challenges, current approaches, and future trends. VLDB Journal, 2020, 29, 273-311.	2.7	13
34	Finding maximum-length repeating patterns in music databases. Multimedia Tools and Applications, 2006, 32, 49-71.	2.6	12
35	Extended feature combination model for recommendations in location-based mobile services. Knowledge and Information Systems, 2015, 44, 629-661.	2.1	10
36	Skyline queries: An introduction. , 2015, , .		10

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37	On the necessity of multiple university rankings. Collnet Journal of Scientometrics and Information Management, 2019, 13, 11-36.	0.4	10
38	An overlapping clustering approach for precision, diversity and novelty-aware recommendations. Expert Systems With Applications, 2021, 177, 114917.	4.4	10
39	Decentralized execution of linear workflows over web services. Future Generation Computer Systems, 2011, 27, 341-347.	4.9	9
40	xStreams. , 2014, , .		9
41	Processing Top-k Dominating Queries in Metric Spaces. ACM Transactions on Database Systems, 2016, 40, 1-38.	1.5	9
42	Enhancing SpatialHadoop with Closest Pair Queries. Lecture Notes in Computer Science, 2016, , 212-225.	1.0	9
43	Rainbow ranking: an adaptable, multidimensional ranking method for publication sets. Scientometrics, 2018, 116, 147-160.	1.6	9
44	A New Plane-Sweep Algorithm for the K-Closest-Pairs Query. Lecture Notes in Computer Science, 2014, , 478-490.	1.0	9
45	Secure Reverse k-Nearest Neighbours Search over Encrypted Multi-dimensional Databases. , 2018, , .		8
46	Parallel processing of spatial batch-queries using $${ext {xBR}}^+$$-trees in solid-state drives. Cluster Computing, 2020, 23, 1555-1575.	3.5	8
47	The xBR$$^+$$-tree: An Efficient Access Method for Points. Lecture Notes in Computer Science, 2015, , 43-58.	1.0	8
48	Nonlinear dimensionality reduction for efficient and effective audio similarity searching. Multimedia Tools and Applications, 2011, 51, 881-895.	2.6	7
49	On Estimating the Maximum Domination Value and the Skyline Cardinality of Multi-Dimensional Data Sets. International Journal of Knowledge-Based Organizations, 2013, 3, 61-83.	0.3	7
50	Processing skyline queries in temporal databases. , 2017, , .		7
51	Plane-Sweep Algorithms for the K Group Nearest-Neighbor Query. , 2015, , .		7
52	New perspectives for recommendations in location-based social networks. , 2013, , .		6
53	A Bi-objective Cost Model for Database Queries in a Multi-cloud Environment. , 2014, , .		6
54	Learning Relational User Profiles and Recommending Items as Their Preferences Change. International Journal on Artificial Intelligence Tools, 2015, 24, 1540009.	0.7	5

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55	Early malicious activity discovery in microblogs by social bridges detection. , 2016, , .		5
56	Spatial Batch-Queries Processing Using xBR$$^+$$-trees in Solid-State Drives. Lecture Notes in Computer Science, 2018, , 301-317.	1.0	5
57	Ranking music data by relevance and importance. , 2008, , .		4
58	Skyline Algorithms on Streams of Multidimensional Data. Communications in Computer and Information Science, 2016, , 63-71.	0.4	4
59	The K Group Nearest-Neighbor Query on Non-indexed RAM-Resident Data. Communications in Computer and Information Science, 2016, , 69-89.	0.4	4
60	A Hybrid Model for Linking Multiple Social Identities Across Heterogeneous Online Social Networks. Lecture Notes in Computer Science, 2017, , 423-435.	1.0	4
61	Metrics and Rankings: Myths and Fallacies. Communications in Computer and Information Science, 2017, , 265-280.	0.4	4
62	An efficient algorithm for bulk-loading xBR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math>-trees. Computer Standards and Interfaces, 2018, 57, 83-100.	3.8	4
63	Bulk-loading and bulk-insertion algorithms for $$hbox {xBR}^{+}hbox {-trees}$$ xBR + -trees in Solid State Drives. Computing (Vienna/New York), 2019, 101, 1539-1563.	3.2	4
64	Skyline-based dissimilarity of images. Journal of Intelligent Information Systems, 2019, 53, 509-545.	2.8	4
65	Recommending Points of Interest in LBSNs Using Deep Learning Techniques. , 2019, , .		4
66	Bulk-Loading xBR $$^+$$ -trees. Lecture Notes in Computer Science, 2016, , 57-71.	1.0	4
67	A bi-objective cost model for optimizing database queries in a multi-cloud environment. Journal of Innovation in Digital Ecosystems, 2014, 1, 12-25.	1.3	3
68	The Range Skyline Query. , 2018, , .		3
69	Skyline-Based University Rankings. Communications in Computer and Information Science, 2020, , 347-352.	0.4	3
70	Scalable Spectral Clustering with Weighted PageRank. Lecture Notes in Computer Science, 2014, , 289-300.	1.0	3
71	Bulk Insertions into xBR $$^{+}$$ -trees. Lecture Notes in Computer Science, 2017, , 185-199.	1.0	3
72	Predicting the Evolution of Scientific Output. Lecture Notes in Computer Science, 2017, , 244-254.	1.0	3

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73	When universities rise (Rank) high into the skyline. Collnet Journal of Scientometrics and Information Management, 2021, 15, 241-258.	0.4	3
74	A Scientist's Impact over Time. , 2016, , .		2
75	The Rainbow over the Greek Departments of Computer Science/Engineering. , 2017, , .		2
76	A symbolic dynamics approach to Epileptic Chronnectomics: Employing strings to predict crisis onset. Theoretical Computer Science, 2018, 710, 116-125.	0.5	2
77	The Science of Science and a Multilayer Network Approach to Scientists' Ranking. , 2018, , .		2
78	Recommender Systems. Springer Briefs in Electrical and Computer Engineering, 2014, , 7-20.	0.3	2
79	Optimization of decentralized multi-way join queries over pipelined filtering services. Computing (Vienna/New York), 2012, 94, 939-972.	3.2	1
80	Introduction to the special issue of the World Wide Web journal on â€œSocial Media Preservation and Applicationsâ€• World Wide Web, 2014, 17, 691-693.	2.7	1
81	Going over the three dimensional protein structure similarity problem. Artificial Intelligence Review, 2014, 42, 445-459.	9.7	1
82	Incorporating change detection in the monitoring phase of adaptive query processing. Journal of Internet Services and Applications, 2016, 7, .	1.6	1
83	The fractal dimension of a citation curve: quantifying an individualâ€™s scientific output using the geometry of the entire curve. Scientometrics, 2017, 111, 1751-1774.	1.6	1
84	The dbMark: A benchmarking system for watermarking methods for relational databases. , 2017, , .		1
85	A Data-Driven Unified Framework for Predicting Citation Dynamics. IEEE Transactions on Big Data, 2020, 6, 727-740.	4.4	1
86	Indexing and progressive top-k similarity retrieval of trajectories. World Wide Web, 2021, 24, 51-83.	2.7	1
87	Sink Group Betweenness Centrality. , 2021, , .		1
88	Network Analysis of the Science of Science: AÂCase Study in SOFSEM Conference. Lecture Notes in Computer Science, 2018, , 94-108.	1.0	1
89	Distributed Computation of Top-k Degrees in Hidden Bipartite Graphs. Communications in Computer and Information Science, 2019, , 3-10.	0.4	1
90	Advances in Algorithms for Time-Dependent Recommender Systems. , 2014, , .		0

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91	Bibliometric indices for the assessment of the citation curve tail. , 2015, , .		0
92	A Scalable Approach to Harvest Modern Weblogs. International Journal on Artificial Intelligence Tools, 2015, 24, 1540005.	0.7	0
93	Parallel similarity search based on the dimensions value cardinalities of image descriptor vectors. , 2015, , .		0
94	Detecting Intrinsic Dissimilarities in Large Image Databases through Skylines. , 2017, , .		0
95	Use-based Optimization of Spatial Access Methods. , 2017, , .		0
96	Measuring science in our highly digitized world. , 2018, , .		0
97	Skylines and Other Dominance-Based Queries. Synthesis Lectures on Data Management, 2020, 15, 1-158.	0.6	0
98	News Recommendations by Combining Intra-session with Inter-session and Content-Based Probabilistic Modelling. Lecture Notes in Computer Science, 2021, , 154-166.	1.0	0
99	Digitalâ€"A New Open Access Journal to Report on Recent IT Advancements and Their Implementations for Interdisciplinary Research. Digital, 2021, 1, 64-65.	1.1	0
100	Recommending PO is in LBSNs with Deep Learning. , 2021, , .		0
101	Scientific Impact Vitality: The Citation Currency Ratio and Citation Currency Exergy Indicators. , 2021, , 209-224.		0
102	Web Content Management Systems Archivability. Lecture Notes in Computer Science, 2015, , 198-212.	1.0	0