Yannis Manolopoulos

List of Publications by Year
in descending order

102 papers	1,981 citations	430874 18 h-index	302126 39 g-index
105 all docs	105 docs citations	105 times ranked	1586 citing authors

#	Article	IF	Citations
1	Indexing and progressive top-k similarity retrieval of trajectories. World Wide Web, 2021, 24, 51-83.	4.0	1
2	RELINE: point-of-interest recommendations using multiple network embeddings. Knowledge and Information Systems, 2021, 63, 791-817.	3.2	21
3	News Recommendations by Combining Intra-session with Inter-session and Content-Based Probabilistic Modelling. Lecture Notes in Computer Science, 2021, , 154-166.	1.3	0
4	Digitalâ€"A New Open Access Journal to Report on Recent IT Advancements and Their Implementations for Interdisciplinary Research. Digital, 2021, 1, 64-65.	2.2	0
5	Recommending PO is in LBSNs with Deep Learning. , 2021, , .		0
6	Sink Group Betweenness Centrality. , 2021, , .		1
7	An overlapping clustering approach for precision, diversity and novelty-aware recommendations. Expert Systems With Applications, 2021, 177, 114917.	7.6	10
8	Scientific Impact Vitality: The Citation Currency Ratio and Citation Currency Exergy Indicators. , 2021, , 209-224.		0
9	When universities rise (Rank) high into the skyline. Collnet Journal of Scientometrics and Information Management, 2021, 15, 241-258.	0.8	3
10	A Data-Driven Unified Framework for Predicting Citation Dynamics. IEEE Transactions on Big Data, 2020, 6, 727-740.	6.1	1
11	Efficient distance join query processing in distributed spatial data management systems. Information Sciences, 2020, 512, 985-1008.	6.9	19
12	Indexing in flash storage devices: a survey on challenges, current approaches, and future trends. VLDB Journal, 2020, 29, 273-311.	4.1	13
13	Parallel processing of spatial batch-queries using $${ext {xBR}}^+$$-trees in solid-state drives. Cluster Computing, 2020, 23, 1555-1575.	5.0	8
14	Skylines and Other Dominance-Based Queries. Synthesis Lectures on Data Management, 2020, 15, 1-158.	0.6	0
15	Skyline-Based University Rankings. Communications in Computer and Information Science, 2020, , 347-352.	0.5	3
16	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.	4.8	4
17	Skyline-based dissimilarity of images. Journal of Intelligent Information Systems, 2019, 53, 509-545.	3.9	4
18	Recommending Points of Interest in LBSNs Using Deep Learning Techniques. , 2019, , .		4

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19	Can Virtual Assistants Produce Recommendations?. , 2019, , .		13
20	On the necessity of multiple university rankings. Collnet Journal of Scientometrics and Information Management, 2019, 13, 11-36.	0.8	10
21	Distributed Computation of Top-k Degrees in Hidden Bipartite Graphs. Communications in Computer and Information Science, 2019, , 3-10.	0.5	1
22	Rainbow ranking: an adaptable, multidimensional ranking method for publication sets. Scientometrics, 2018, 116, 147-160.	3.0	9
23	Recommendations based on a heterogeneous spatio-temporal social network. World Wide Web, 2018, 21, 345-371.	4.0	27
24	A symbolic dynamics approach to Epileptic Chronnectomics: Employing strings to predict crisis onset. Theoretical Computer Science, 2018, 710, 116-125.	0.9	2
25	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.	5.4	4
26	Efficient large-scale distance-based join queries in spatialhadoop. GeoInformatica, 2018, 22, 171-209.	2.7	13
27	Recommendation of Points-of-Interest Using Graph Embeddings. , 2018, , .		25
28	Measuring science in our highly digitized world. , 2018, , .		0
29	The Range Skyline Query. , 2018, , .		3
30	Secure Reverse k-Nearest Neighbours Search over Encrypted Multi-dimensional Databases. , 2018, , .		8
31	The Science of Science and a Multilayer Network Approach to Scientists' Ranking. , 2018, , .		2
32	Spatial Batch-Queries Processing Using xBR$$^+$$-trees in Solid-State Drives. Lecture Notes in Computer Science, 2018, , 301-317.	1.3	5
33	Network Analysis of the Science of Science: AÂCase Study in SOFSEM Conference. Lecture Notes in Computer Science, 2018, , 94-108.	1.3	1
34	A Hybrid Model for Linking Multiple Social Identities Across Heterogeneous Online Social Networks. Lecture Notes in Computer Science, 2017, , 423-435.	1.3	4
35	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.	3.0	1
36	A time-aware spatio-textual recommender system. Expert Systems With Applications, 2017, 78, 396-406.	7.6	60

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37	Metrics and Rankings: Myths and Fallacies. Communications in Computer and Information Science, 2017, , 265-280.	0.5	4
38	The dbMark: A benchmarking system for watermarking methods for relational databases. , 2017, , .		1
39	Efficient query processing on large spatial databases: A performance study. Journal of Systems and Software, 2017, 132, 165-185.	4.5	13
40	The Rainbow over the Greek Departments of Computer Science/Engineering. , 2017, , .		2
41	Detecting Intrinsic Dissimilarities in Large Image Databases through Skylines. , 2017, , .		0
42	Use-based Optimization of Spatial Access Methods. , 2017, , .		0
43	Bulk Insertions into xBR $$^{+}$$ -trees. Lecture Notes in Computer Science, 2017, , 185-199.	1.3	3
44	Predicting the Evolution of Scientific Output. Lecture Notes in Computer Science, 2017, , 244-254.	1.3	3
45	Processing skyline queries in temporal databases. , 2017, , .		7
46	Incorporating change detection in the monitoring phase of adaptive query processing. Journal of Internet Services and Applications, 2016, 7, .	2.1	1
47	Early malicious activity discovery in microblogs by social bridges detection. , 2016, , .		5
48	Skyline Algorithms on Streams of Multidimensional Data. Communications in Computer and Information Science, 2016, , 63-71.	0.5	4
49	Processing Top-k Dominating Queries in Metric Spaces. ACM Transactions on Database Systems, 2016, 40, 1-38.	2.8	9
50	A Scientist's Impact over Time. , 2016, , .		2
51	Enhancing SpatialHadoop with Closest Pair Queries. Lecture Notes in Computer Science, 2016, , 212-225.	1.3	9
52	New plane-sweep algorithms for distance-based join queries in spatial databases. GeoInformatica, 2016, 20, 571-628.	2.7	13
53	A Graph-Based Taxonomy of Recommendation Algorithms and Systems in LBSNs. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 604-622.	5.7	38
54	The K Group Nearest-Neighbor Query on Non-indexed RAM-Resident Data. Communications in Computer and Information Science, 2016, , 69-89.	0.5	4

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55	Efficient and flexible algorithms for monitoring distance-based outliers over data streams. Information Systems, 2016, 55, 37-53.	3.6	76
56	A quantitative approach to evaluate Website Archivability using the CLEAR+ method. International Journal on Digital Libraries, 2016, 17, 119-141.	1.5	14
57	Bulk-Loading xBR $$^+$$ -trees. Lecture Notes in Computer Science, 2016, , 57-71.	1.3	4
58	Bibliometric indices for the assessment of the citation curve tail. , 2015, , .		0
59	Extended feature combination model for recommendations in location-based mobile services. Knowledge and Information Systems, 2015, 44, 629-661.	3.2	10
60	A Scalable Approach to Harvest Modern Weblogs. International Journal on Artificial Intelligence Tools, 2015, 24, 1540005.	1.0	0
61	Skyline queries: An introduction. , 2015, , .		10
62	Learning Relational User Profiles and Recommending Items as Their Preferences Change. International Journal on Artificial Intelligence Tools, 2015, 24, 1540009.	1.0	5
63	Parallel similarity search based on the dimensions value cardinalities of image descriptor vectors. , 2015, , .		0
64	Ranking and identifying influential scientists versus mass producers by the Perfectionism Index. Scientometrics, 2015, 103, 1-31.	3.0	15
65	The xBR$$^+$$-tree: An Efficient Access Method for Points. Lecture Notes in Computer Science, 2015, , 43-58.	1.3	8
66	Plane-Sweep Algorithms for the K Group Nearest-Neighbor Query. , 2015, , .		7
67	Web Content Management Systems Archivability. Lecture Notes in Computer Science, 2015, , 198-212.	1.3	0
68	A Bi-objective Cost Model for Database Queries in a Multi-cloud Environment. , 2014, , .		6
69	Advances in Algorithms for Time-Dependent Recommender Systems. , 2014, , .		0
70	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
71	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.	4.0	1
72	Going over the three dimensional protein structure similarity problem. Artificial Intelligence Review, 2014, 42, 445-459.	15.7	1

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73	Recommender Systems for Location-based Social Networks. Springer Briefs in Electrical and Computer Engineering, 2014, , .	0.5	22
74	xStreams. , 2014, , .		9
75	Recommender Systems. Springer Briefs in Electrical and Computer Engineering, 2014, , 7-20.	0.5	2
76	A New Plane-Sweep Algorithm for the K-Closest-Pairs Query. Lecture Notes in Computer Science, 2014, , 478-490.	1.3	9
77	Scalable Spectral Clustering with Weighted PageRank. Lecture Notes in Computer Science, 2014, , 289-300.	1.3	3
78	From biological to social networks: Link prediction based on multi-way spectral clustering. Data and Knowledge Engineering, 2013, 87, 226-242.	3.4	54
79	New perspectives for recommendations in location-based social networks. , 2013, , .		6
80	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.	0.4	7
81	Geo-activity recommendations by using improved feature combination. , 2012, , .		14
82	Optimization of decentralized multi-way join queries over pipelined filtering services. Computing (Vienna/New York), 2012, 94, 939-972.	4.8	1
83	A generalized taxonomy of explanations styles for traditional and social recommender systems. Data Mining and Knowledge Discovery, 2012, 24, 555-583.	3.7	89
84	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.	9.1	94
85	Nonlinear dimensionality reduction for efficient and effective audio similarity searching. Multimedia Tools and Applications, 2011, 51, 881-895.	3.9	7
86	Progressive processing of subspace dominating queries. VLDB Journal, 2011, 20, 921-948.	4.1	32
87	Decentralized execution of linear workflows over web services. Future Generation Computer Systems, 2011, 27, 341-347.	7.5	9
88	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.	5.7	129
89	CDNsim. ACM Transactions on Modeling and Computer Simulation, 2010, 20, 1-40.	0.8	46
90	MoviExplain. , 2009, , .		67

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91	Music search engines: Specifications and challenges. Information Processing and Management, 2009, 45, 392-396.	8.6	14
92	Cooperative Caching in Wireless Multimedia Sensor Networks. Mobile Networks and Applications, 2008, 13, 337.	3.3	42
93	Prefetching in Content Distribution Networks via Web Communities Identification and Outsourcing. World Wide Web, 2008, 11, 39-70.	4.0	41
94	Collaborative recommender systems: Combining effectiveness and efficiency. Expert Systems With Applications, 2008, 34, 2995-3013.	7.6	79
95	Providing Justifications in Recommender Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 1262-1272.	2.9	90
96	Ranking music data by relevance and importance. , 2008, , .		4
97	Generalized Hirsch h-index for disclosing latent facts in citation networks. Scientometrics, 2007, 72, 253-280.	3.0	297
98	Finding maximum-length repeating patterns in music databases. Multimedia Tools and Applications, 2006, 32, 49-71.	3.9	12
99	Caching in Web memory hierarchies. , 2004, , .		15
100	Multi-Way Distance Join Queries in Spatial Databases. GeoInformatica, 2004, 8, 373-402.	2.7	17
101	Closest pair queries in spatial databases. SIGMOD Record, 2000, 29, 189-200.	1.2	81
102	Closest pair queries in spatial databases. , 2000, , .		129