

Mark Levene

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1740456/publications.pdf>

Version: 2024-02-01

88
papers

1,795
citations

304368

22
h-index

301761

39
g-index

105
all docs

105
docs citations

105
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing university rankings. <i>Scientometrics</i> , 2010, 85, 243-256.	1.6	234
2	Data Mining of User Navigation Patterns. <i>Lecture Notes in Computer Science</i> , 2000, , 92-112.	1.0	147
3	Why is the snowflake schema a good data warehouse design?. <i>Information Systems</i> , 2003, 28, 225-240.	2.4	100
4	Some measures for comparing citation databases. <i>Journal of Informetrics</i> , 2007, 1, 26-34.	1.4	93
5	Evaluating Variable-Length Markov Chain Models for Analysis of User Web Navigation Sessions. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007, 19, 441-452.	4.0	86
6	Kemeny's Constant and the Random Surfer. <i>American Mathematical Monthly</i> , 2002, 109, 741-745.	0.2	85
7	A novel bibliometric index with a simple geometric interpretation. <i>PLoS ONE</i> , 2018, 13, e0200098.	1.1	55
8	Presentation bias is significant in determining user preference for search resultsâ€”A user study. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 135-149.	2.6	54
9	User rankings of search engine results. <i>Journal of the Association for Information Science and Technology</i> , 2007, 58, 1254-1266.	2.6	49
10	A stochastic model for the evolution of the Web. <i>Computer Networks</i> , 2002, 39, 277-287.	3.2	47
11	XCQ: A queryable XML compression system. <i>Knowledge and Information Systems</i> , 2006, 10, 421-452.	2.1	46
12	Zipf's Law for Web Surfers. <i>Knowledge and Information Systems</i> , 2001, 3, 120-129.	2.1	43
13	A fine grained heuristic to capture web navigation patterns. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2000, 2, 40-50.	3.2	35
14	Associating search and navigation behavior through log analysis. <i>Journal of the Association for Information Science and Technology</i> , 2005, 56, 913-934.	2.6	34
15	Computing the Entropy of User Navigation in the Web. <i>International Journal of Information Technology and Decision Making</i> , 2003, 02, 459-476.	2.3	32
16	A suffix tree approach to anti-spam email filtering. <i>Machine Learning</i> , 2006, 65, 309-338.	3.4	32
17	Brick& Mortar: an on-line multi-agent exploration algorithm. <i>Proceedings - IEEE International Conference on Robotics and Automation</i> , 2007, , .	0.0	31
18	Database design for incomplete relations. <i>ACM Transactions on Database Systems</i> , 1999, 24, 80-126.	1.5	28

#	ARTICLE	IF	CITATIONS
19	A model for collaboration networks giving rise to a power-law distribution with an exponential cutoff. <i>Social Networks</i> , 2007, 29, 70-80.	1.3	28
20	A probabilistic approach to navigation in Hypertext. <i>Information Sciences</i> , 1999, 114, 165-186.	4.0	25
21	Rapid exploration of unknown areas through dynamic deployment of mobile and stationary sensor nodes. <i>Autonomous Agents and Multi-Agent Systems</i> , 2009, 19, 210-243.	1.3	25
22	A stochastic evolutionary model exhibiting power-law behaviour with an exponential cutoff. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 355, 641-656.	1.2	24
23	Null Inclusion Dependencies in Relational Databases. <i>Information and Computation</i> , 1997, 136, 67-108.	0.5	23
24	A General Centrality Framework-Based on Node Navigability. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020, 32, 2088-2100.	4.0	21
25	The nested universal relation data model. <i>Journal of Computer and System Sciences</i> , 1994, 49, 683-717.	0.9	15
26	AN AVERAGE LINEAR TIME ALGORITHM FOR WEB USAGE MINING. <i>International Journal of Information Technology and Decision Making</i> , 2004, 03, 307-319.	2.3	15
27	A method to assess search engine results. <i>Online Information Review</i> , 2011, 35, 854-868.	2.2	15
28	Navigation in Hypertext Is Easy Only Sometimes. <i>SIAM Journal on Computing</i> , 2000, 29, 728-760.	0.8	13
29	The hw-rank: an h-index variant for ranking web pages. <i>Scientometrics</i> , 2015, 102, 2247-2253.	1.6	13
30	Web dynamics. <i>Software Focus</i> , 2001, 2, 60-67.	0.3	12
31	Ranking Pages by Topology and Popularity within Web Sites. <i>World Wide Web</i> , 2006, 9, 301-316.	2.7	11
32	Testing the stability of "wisdom of crowds" judgments of search results over time and their similarity with the search engine rankings. <i>Aslib Journal of Information Management</i> , 2016, 68, 407-427.	1.3	11
33	How to prevent interaction of functional and inclusion dependencies. <i>Information Processing Letters</i> , 1999, 71, 115-125.	0.4	10
34	A stochastic model for the evolution of the Web allowing link deletion. <i>ACM Transactions on Internet Technology</i> , 2006, 6, 117-130.	3.0	10
35	A stochastic evolutionary growth model for social networks. <i>Computer Networks</i> , 2007, 51, 4586-4595.	3.2	10
36	The additivity problem for functional dependencies in incomplete relations. <i>Acta Informatica</i> , 1997, 34, 135-149.	0.5	9

#	ARTICLE	IF	CITATIONS
37	Restructuring Partitioned Normal Form Relations without Information Loss. SIAM Journal on Computing, 2000, 29, 1550-1567.	0.8	9
38	Testing the Predictive Power of Variable History Web Usage. Soft Computing, 2007, 11, 717-727.	2.1	8
39	A multiplicative process for generating a beta-like survival function with application to the UK 2016 EU referendum results. International Journal of Modern Physics C, 2017, 28, 1750132.	0.8	8
40	Can navigational assistance improve search experience? A user study. First Monday, 2001, 6, .	0.6	8
41	A COMPARISON OF SCORING METRICS FOR PREDICTING THE NEXT NAVIGATION STEP WITH MARKOV MODEL-BASED SYSTEMS. International Journal of Information Technology and Decision Making, 2010, 09, 547-573.	2.3	7
42	Collective suffix tree-based models for location prediction. , 2013, , .		7
43	Empirical survival Jensen-Shannon divergence as a goodness-of-Fit measure for maximum likelihood estimation and curve fitting. Communications in Statistics Part B: Simulation and Computation, 2019, , 1-17.	0.6	7
44	Bootstrap Domain-Specific Sentiment Classifiers from Unlabeled Corpora. Transactions of the Association for Computational Linguistics, 2018, 6, 269-285.	3.2	7
45	Monitoring COVID-19 on Social Media: Development of an End-to-End Natural Language Processing Pipeline Using a Novel Triage and Diagnosis Approach. Journal of Medical Internet Research, 2022, 24, e30397.	2.1	7
46	Inferring null join dependencies in relational databases. BIT Numerical Mathematics, 1992, 32, 413-429.	1.0	6
47	Predicting the long tail of book sales: Unearthing the power-law exponent. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2416-2421.	1.2	6
48	A multiplicative process for generating the rank-order distribution of UK election results. Quality and Quantity, 2018, 52, 1069-1079.	2.0	6
49	Learning structured medical information from social media. Journal of Biomedical Informatics, 2020, 110, 103568.	2.5	6
50	Navigating the World Wide Web. , 2004, , 117-151.		6
51	A Fully Precise Null Extended Nested Relational Algebra. Fundamenta Informaticae, 1993, 19, 303-342.	0.3	6
52	A Correspondence Between Variable Relations And Three-Valued Propositional Logic. International Journal of Computer Mathematics, 1995, 55, 29-38.	1.0	5
53	On the expressive power of the relational algebra with partially ordered domains. International Journal of Computer Mathematics, 2000, 74, 53-62.	1.0	5
54	Special issue on Web dynamics. Computer Networks, 2006, 50, 1425-1429.	3.2	5

#	ARTICLE	IF	CITATIONS
55	MOVE GENERATION WITH PERFECT HASH FUNCTIONS. ICGA Journal, 2008, 31, 3-12.	0.2	5
56	A stochastic evolutionary model for capturing human dynamics. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P08015.	0.9	5
57	Categorical relevance judgment. Journal of the Association for Information Science and Technology, 2018, 69, 1084-1094.	1.5	5
58	A domain theoretic characterisation of the universal relation. International Journal of Computer Mathematics, 1991, 40, 69-74.	1.0	4
59	Implementation of a graph-based data model for complex objects. SIGMOD Record, 1993, 22, 26-31.	0.7	4
60	A TWO-PLAYER GAME OF LIFE. International Journal of Modern Physics C, 2003, 14, 195-201.	0.8	4
61	Comparing Move Choices of Chess Search Engines. ICGA Journal, 2005, 28, 67-76.	0.2	4
62	How and why do users change their assessment of search results over time?. Proceedings of the Association for Information Science and Technology, 2015, 52, 1-4.	0.3	4
63	A stochastic evolutionary model generating a mixture of exponential distributions. European Physical Journal B, 2016, 89, 1.	0.6	4
64	Characterisation of the χ -index and the rec-index. Scientometrics, 2019, 120, 885-896.	1.6	4
65	“Slick Systems”™ and “Happy Hackers”™: experience with group projects at UCL. Software Engineering Journal, 1993, 8, 132.	0.7	3
66	A stochastic evolutionary model for survival dynamics. Physica A: Statistical Mechanics and Its Applications, 2014, 410, 595-600.	1.2	3
67	Analysis of change in users' assessment of search results over time. Journal of the Association for Information Science and Technology, 2017, 68, 1137-1148.	1.5	3
68	A stochastic differential equation approach to the analysis of the UK 2016 EU referendum polls. Journal of Physics Communications, 2018, 2, 055022.	0.5	3
69	A Markov Chain Model for Changes in Users'™ Assessment of Search Results. PLoS ONE, 2016, 11, e0155285.	1.1	3
70	Modelling the navigation potential of a web page. Theoretical Computer Science, 2008, 396, 88-96.	0.5	2
71	A bi-logistic growth model for conference registration with an early bird deadline. Open Physics, 2013, 11, .	0.8	2
72	Human dynamics with limited complexity. International Journal of Parallel, Emergent and Distributed Systems, 2019, 34, 356-363.	0.7	2

#	ARTICLE	IF	CITATIONS
73	A two-dimensional bibliometric index reflecting both quality and quantity. <i>Scientometrics</i> , 2020, 123, 1235-1246.	1.6	2
74	A stochastic differential equation approach to the analysis of the 2017 and 2019 UK general election polls. <i>International Journal of Forecasting</i> , 2021, 37, 1227-1234.	3.9	2
75	A Skew Logistic Distribution for Modelling COVID-19 Waves and Its Evaluation Using the Empirical Survival Jensen-Shannon Divergence. <i>Entropy</i> , 2022, 24, 600.	1.1	2
76	A MODAL LOGIC FORMALISM FOR DISTRIBUTED AND PARALLEL KNOWLEDGE BASES. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 1993, 1, 11-27.	0.4	1
77	Artificial Intelligence for Games. <i>Series in Interactive 3D Technology. Computer Journal</i> , 2007, 50, 371-371.	1.5	1
78	HybridExploration: A distributed approach to terrain exploration using mobile and fixed sensor nodes. , 2008, , .		1
79	Query classification using asymmetric learning. , 2009, , .		1
80	A problem in human dynamics: modelling the population density of a social space. <i>Journal of Building Performance Simulation</i> , 2020, 13, 112-121.	1.0	1
81	A Partial Analysis of Minimizing Game Trees with Random Leaf Values. <i>ICGA Journal</i> , 1995, 18, 20-33.	0.2	0
82	CATEGORISATION OF COMPUTABLE DATABASE QUERIES. <i>Fundamenta Informaticae</i> , 1996, 27, 319-348.	0.3	0
83	A. Spink and B. J. Jansen's Web Search: Public Searching of the Web. <i>Information Science & Knowledge Management</i> , Vol. 6. Kluwer Academic Publishers (2004). ISBN 1-4020-2268-9. 100 pp. Hardcover.. <i>Computer Journal</i> , 2006, 49, 128-129.	1.5	0
84	Users' views on country-specific search engine results. <i>Proceedings of the American Society for Information Science and Technology</i> , 2009, 46, 1-12.	0.2	0
85	Social Networks: An Introduction. <i>Computer Journal</i> , 2010, 53, 1129-1129.	1.5	0
86	A Hypothesis Test for the Goodness-of-Fit of the Marginal Distribution of a Time Series with Application to Stablecoin Data. <i>Engineering Proceedings</i> , 2021, 5, .	0.4	0
87	Report on the 3rd web dynamics workshop, at WWW'2004. <i>SIGMOD Record</i> , 2004, 33, 91-95.	0.7	0
88	Variable Length Markov Chains for Web Usage Mining. , 2009, , 2031-2035.		0