

Christos Faloutsos

List of Publications by Year in descending order

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Version: 2024-02-01

456
papers

39,730
citations

31976
53
h-index

12946
131
g-index

469
all docs

469
docs citations

469
times ranked

16656
citing authors

#	ARTICLE	IF	CITATIONS
1	On power-law relationships of the Internet topology. Computer Communication Review, 1999, 29, 251-262.	1.8	2,401
2	Graph evolution. ACM Transactions on Knowledge Discovery From Data, 2007, 1, 2.	3.5	1,808
3	On power-law relationships of the Internet topology. , 1999, , .		1,745
4	Cost-effective outbreak detection in networks. , 2007, , .		1,646
5	Graphs over time. , 2005, , .		1,461
6	Efficient similarity search in sequence databases. Lecture Notes in Computer Science, 1993, , 69-84.	1.3	1,213
7	Efficient and effective Querying by Image Content. Journal of Intelligent Information Systems, 1994, 3, 231-262.	3.9	1,009
8	Tensor Decomposition for Signal Processing and Machine Learning. IEEE Transactions on Signal Processing, 2017, 65, 3551-3582.	5.3	963
9	Fast subsequence matching in time-series databases. , 1994, , .		926
10	R-MAT: A Recursive Model for Graph Mining. , 2004, , .		797
11	Sampling from large graphs. , 2006, , .		756
12	Fast Random Walk with Restart and Its Applications. IEEE International Conference on Data Mining, 2006, , .	0.0	723
13	Epidemic thresholds in real networks. ACM Transactions on Information and System Security, 2008, 10, 1-26.	4.5	584
14	Fast subsequence matching in time-series databases. SIGMOD Record, 1994, 23, 419-429.	1.2	549
15	FastMap. , 1995, , .		531
16	Analysis of the clustering properties of the Hilbert space-filling curve. IEEE Transactions on Knowledge and Data Engineering, 2001, 13, 124-141.	5.7	514
17	Graph mining. ACM Computing Surveys, 2006, 38, 2.	23.0	431
18	PEGASUS: A Peta-Scale Graph Mining System Implementation and Observations. , 2009, , .		431

#	ARTICLE	IF	CITATIONS
19	Patterns of Cascading Behavior in Large Blog Graphs. , 2007, , .		403
20	The TV-tree: An index structure for high-dimensional data. VLDB Journal, 1994, 3, 517-542.	4.1	378
21	GraphScope. , 2007, , .		376
22	Automatic multimedia cross-modal correlation discovery. , 2004, , .		357
23	On packing R-trees. , 1993, , .		349
24	Beyond streams and graphs. , 2006, , .		321
25	oddball: Spotting Anomalies in Weighted Graphs. Lecture Notes in Computer Science, 2010, , 410-421.	1.3	318
26	Random walk with restart: fast solutions and applications. Knowledge and Information Systems, 2008, 14, 327-346.	3.2	307
27	Efficient Sensor Placement Optimization for Securing Large Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2008, 134, 516-526.	2.6	298
28	Power laws and the AS-level internet topology. IEEE/ACM Transactions on Networking, 2003, 11, 514-524.	3.8	289
29	Why people hate your app. , 2013, , .		279
30	Netprobe. , 2007, , .		263
31	Fast discovery of connection subgraphs. , 2004, , .		243
32	RolX. , 2012, , .		239
33	Anomaly detection in dynamic networks: a survey. Wiley Interdisciplinary Reviews: Computational Statistics, 2015, 7, 223-247.	3.9	232
34	Rise and fall patterns of information diffusion. , 2012, , .		230
35	DOULION. , 2009, , .		229
36	Efficiently supporting ad hoc queries in large datasets of time sequences. , 1997, , .		225

#	ARTICLE	IF	CITATIONS
37	Tensors for Data Mining and Data Fusion. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-44.	4.5	216
38	Center-piece subgraphs. , 2006, , .		207
39	CopyCatch. , 2013, , .		198
40	Prediction and indexing of moving objects with unknown motion patterns. , 2004, , .		196
41	Similarity searching in medical image databases. IEEE Transactions on Knowledge and Data Engineering, 1997, 9, 435-447.	5.7	194
42	Fast best-effort pattern matching in large attributed graphs. , 2007, , .		188
43	FRAUDAR. , 2016, , .		184
44	REV2. , 2018, , .		183
45	An efficient pictorial database system for PSQL. IEEE Transactions on Software Engineering, 1988, 14, 639-650.	5.6	182
46	Incremental tensor analysis. ACM Transactions on Knowledge Discovery From Data, 2008, 2, 1-37.	3.5	176
47	GigaTensor. , 2012, , .		176
48	FastMap. SIGMOD Record, 1995, 24, 163-174.	1.2	173
49	Searching Multimedia Databases by Content. The Kluwer International Series on Advances in Database Systems, 1996, , .	1.1	168
50	Beyond uniformity and independence. , 1994, , .		166
51	FTW. , 2005, , .		166
52	Realistic, Mathematically Tractable Graph Generation and Evolution, Using Kronecker Multiplication. Lecture Notes in Computer Science, 2005, , 133-145.	1.3	165
53	Click chain model in web search. , 2009, , .		162
54	Stream Monitoring under the Time Warping Distance. , 2007, , .		158

#	ARTICLE	IF	CITATIONS
55	On the "dimensionality curse" and the "self-similarity blessing". IEEE Transactions on Knowledge and Data Engineering, 2001, 13, 96-111.	5.7	153
56	It's who you know. , 2011, , .		152
57	Fully automatic cross-associations. , 2004, , .		150
58	Gelling, and melting, large graphs by edge manipulation. , 2012, , .		147
59	Scalable modeling of real graphs using Kronecker multiplication. , 2007, , .		144
60	ANF. , 2002, , .		142
61	Spotting Culprits in Epidemics: How Many and Which Ones?. , 2012, , .		140
62	BRAID. , 2005, , .		134
63	PEGASUS: mining peta-scale graphs. Knowledge and Information Systems, 2011, 27, 303-325.	3.2	133
64	Apolo. , 2011, , .		129
65	Slim-Trees: High Performance Metric Trees Minimizing Overlap between Nodes. Lecture Notes in Computer Science, 2000, , 51-65.	1.3	128
66	D Δ C Δ . ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-43.	3.5	125
67	Fast and effective retrieval of medical tumor shapes. IEEE Transactions on Knowledge and Data Engineering, 1998, 10, 889-904.	5.7	123
68	SlashBurn: Graph Compression and Mining beyond Caveman Communities. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 3077-3089.	5.7	123
69	Fast indexing and visualization of metric data sets using slim-trees. IEEE Transactions on Knowledge and Data Engineering, 2002, 14, 244-260.	5.7	121
70	Mobile call graphs. , 2008, , .		121
71	Protein complex identification by supervised graph local clustering. Bioinformatics, 2008, 24, i250-i268.	4.1	121
72	DynaMMo. , 2009, , .		108

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73	Using ghost edges for classification in sparsely labeled networks. , 2008, , .		106
74	Efficiently supporting ad hoc queries in large datasets of time sequences. SIGMOD Record, 1997, 26, 289-300.	1.2	105
75	D<scp>elta</scp>C<scp>on</scp>: A Principled Massive-Graph Similarity Function. , 2013, , .		104
76	CatchSync. , 2014, , .		104
77	Polonium: Tera-Scale Graph Mining and Inference for Malware Detection. , 2011, , .		101
78	Parallel R-trees. , 1992, , .		100
79	Threshold conditions for arbitrary cascade models on arbitrary networks. Knowledge and Information Systems, 2012, 33, 549-575.	3.2	100
80	TimeCrunch. , 2015, , .		99
81	Robust Data-Driven State Estimation for Smart Grid. IEEE Transactions on Smart Grid, 2017, 8, 1956-1967.	9.0	98
82	Designing access methods for bitemporal databases. IEEE Transactions on Knowledge and Data Engineering, 1998, 10, 1-20.	5.7	96
83	On the Vulnerability of Large Graphs. , 2010, , .		96
84	Analysis of the reputation system and user contributions on a question answering website. , 2013, , .		96
85	AutoPlait. , 2014, , .		95
86	Winner takes all. , 2012, , .		94
87	HADI. ACM Transactions on Knowledge Discovery From Data, 2011, 5, 1-24.	3.5	93
88	Beyond 'Caveman Communities': Hubs and Spokes for Graph Compression and Mining. , 2011, , .		90
89	GBASE. , 2011, , .		90
90	EigenSpokes: Surprising Patterns and Scalable Community Chipping in Large Graphs. Lecture Notes in Computer Science, 2010, , 435-448.	1.3	89

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91	Description and performance analysis of signature file methods for office filing. ACM Transactions on Information Systems, 1987, 5, 237-257.	4.9	88
92	ParCube: Sparse Parallelizable Tensor Decompositions. Lecture Notes in Computer Science, 2012, , 521-536.	1.3	88
93	Virus Propagation on Time-Varying Networks: Theory and Immunization Algorithms. Lecture Notes in Computer Science, 2010, , 99-114.	1.3	84
94	Weighted graphs and disconnected components. , 2008, , .		83
95	TANGENT. , 2009, , .		83
96	HaTen2: Billion-scale tensor decompositions. , 2015, , .		83
97	Parallel crawling for online social networks. , 2007, , .		82
98	Analysis of object oriented spatial access methods. , 1987, , .		81
99	Detecting insider threats in a real corporate database of computer usage activity. , 2013, , .		80
100	Competing Memes Propagation on Networks: A Network Science Perspective. IEEE Journal on Selected Areas in Communications, 2013, 31, 1049-1060.	14.0	80
101	MultiAspectForensics: Pattern Mining on Large-Scale Heterogeneous Networks with Tensor Analysis. , 2011, , .		79
102	Estimating Node Importance in Knowledge Graphs Using Graph Neural Networks. , 2019, , .		78
103	ThermoCast. , 2011, , .		76
104	Fast and reliable anomaly detection in categorical data. , 2012, , .		76
105	Fast mining and forecasting of complex time-stamped events. , 2012, , .		76
106	VOG: Summarizing and Understanding Large Graphs. , 2014, , .		76
107	Colibri. , 2008, , .		74
108	Interacting viruses in networks. , 2012, , .		74

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109	Storage device performance prediction with CART models. , 2004, , .		73
110	Clustering very large multi-dimensional datasets with MapReduce. , 2011, , .		73
111	The Omni-family of all-purpose access methods: a simple and effective way to make similarity search more efficient. VLDB Journal, 2007, 16, 483-505.	4.1	72
112	PICS: Parameter-free Identification of Cohesive Subgroups in Large Attributed Graphs. , 2012, , .		72
113	F_{lexi}F_aCT: Scalable Flexible Factorization of Coupled Tensors on Hadoop. , 2014, , .		71
114	FUNNEL. , 2014, , .		70
115	Less is More: Compact Matrix Decomposition for Large Sparse Graphs. , 2007, , .		68
116	The "DGX" distribution for mining massive, skewed data. , 2001, , .		67
117	Threshold Conditions for Arbitrary Cascade Models on Arbitrary Networks. , 2011, , .		67
118	Fast direction-aware proximity for graph mining. , 2007, , .		65
119	Proximity Tracking on Time-Evolving Bipartite Graphs. , 2008, , .		64
120	A General Suspiciousness Metric for Dense Blocks in Multimodal Data. , 2015, , .		64
121	Adaptive, Hands-Off Stream Mining. , 2003, , 560-571.		64
122	Standards for graph algorithm primitives. , 2013, , .		63
123	NetSpot: Spotting Significant Anomalous Regions on Dynamic Networks. , 2013, , .		63
124	On data mining, compression, and Kolmogorov complexity. Data Mining and Knowledge Discovery, 2007, 15, 3-20.	3.7	62
125	gbase: an efficient analysis platform for large graphs. VLDB Journal, 2012, 21, 637-650.	4.1	62
126	CoreScope: Graph Mining Using k-Core Analysis " Patterns, Anomalies and Algorithms. , 2016, , .		62

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127	Node Immunization on Large Graphs: Theory and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 113-126.	5.7	62
128	Com2: Fast Automatic Discovery of Temporal (Comet™) Communities. Lecture Notes in Computer Science, 2014, , 271-283.	1.3	61
129	Catching Synchronized Behaviors in Large Networks. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-27.	3.5	60
130	Spectral counting of triangles via element-wise sparsification and triangle-based link recommendation. Social Network Analysis and Mining, 2011, 1, 75-81.	2.8	59
131	Spotting Suspicious Link Behavior with fBox: An Adversarial Perspective. , 2014, , .		59
132	Capturing the spatio-temporal behavior of real traffic data. Performance Evaluation, 2002, 49, 147-163.	1.2	57
133	Density biased sampling. , 2000, , .		56
134	Inferring Strange Behavior from Connectivity Pattern in Social Networks. Lecture Notes in Computer Science, 2014, , 126-138.	1.3	56
135	Relevance search and anomaly detection in bipartite graphs. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2005, 7, 48-55.	4.0	55
136	SNARE. , 2009, , .		55
137	Unifying Guilt-by-Association Approaches: Theorems and Fast Algorithms. Lecture Notes in Computer Science, 2011, , 245-260.	1.3	55
138	Efficiently spotting the starting points of an epidemic in a large graph. Knowledge and Information Systems, 2014, 38, 35-59.	3.2	54
139	Parallel Randomly Compressed Cubes : A scalable distributed architecture for big tensor decomposition. IEEE Signal Processing Magazine, 2014, 31, 57-70.	5.6	53
140	Summarizing and understanding large graphs. Statistical Analysis and Data Mining, 2015, 8, 183-202.	2.8	53
141	Density biased sampling. SIGMOD Record, 2000, 29, 82-92.	1.2	52
142	M-Zoom: Fast Dense-Block Detection in Tensors with Quality Guarantees. Lecture Notes in Computer Science, 2016, , 264-280.	1.3	52
143	RTG: a recursive realistic graph generator using random typing. Data Mining and Knowledge Discovery, 2009, 19, 194-209.	3.7	49
144	RSC. , 2015, , .		49

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145	Spectral Analysis for Billion-Scale Graphs: Discoveries and Implementation. Lecture Notes in Computer Science, 2011, , 13-25.	1.3	48
146	Parallel R-trees. SIGMOD Record, 1992, 21, 195-204.	1.2	47
147	Parsimonious linear fingerprinting for time series. Proceedings of the VLDB Endowment, 2010, 3, 385-396.	3.8	47
148	Mining large graphs: Algorithms, inference, and discoveries. , 2011, , .		47
149	Big graph mining. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2013, 14, 29-36.	4.0	47
150	Graph-Based Fraud Detection in the Face of Camouflage. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-26.	3.5	47
151	BBM. , 2009, , .		46
152	Recommending People in Developers' Collaboration Network. , 2011, , .		45
153	Less is More: Sparse Graph Mining with Compact Matrix Decomposition. Statistical Analysis and Data Mining, 2008, 1, 6-22.	2.8	44
154	Radius Plots for Mining Tera-byte Scale Graphs: Algorithms, Patterns, and Observations. , 2010, , .		44
155	Surprising Patterns for the Call Duration Distribution of Mobile Phone Users. Lecture Notes in Computer Science, 2010, , 354-369.	1.3	44
156	Multiattribute hashing using Gray codes. , 1986, , .		43
157	Monitoring Network Evolution using MDL. , 2008, , .		43
158	Anomaly, event, and fraud detection in large network datasets. , 2013, , .		43
159	HoloScope. , 2017, , .		43
160	Multiattribute hashing using Gray codes. SIGMOD Record, 1986, 15, 227-238.	1.2	42
161	Flexible buffer allocation based on marginal gains. , 1991, , .		42
162	Competing memes propagation on networks. Computer Communication Review, 2012, 42, 5-12.	1.8	42

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163	Patterns and anomalies in k-cores of real-world graphs with applications. Knowledge and Information Systems, 2018, 54, 677-710.	3.2	42
164	Fast and Accurate Anomaly Detection in Dynamic Graphs with a Two-Pronged Approach. , 2019, , .		42
165	Two heads better than one: pattern discovery in time-evolving multi-aspect data. Data Mining and Knowledge Discovery, 2008, 17, 111-128.	3.7	41
166	Network similarity via multiple social theories. , 2013, , .		40
167	HEigen: Spectral Analysis for Billion-Scale Graphs. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 350-362.	5.7	40
168	Forecasting big time series. Proceedings of the VLDB Endowment, 2018, 11, 2102-2105.	3.8	40
169	Spatial join selectivity using power laws. , 2000, , .		39
170	Automatic mining of fruit fly embryo images. , 2006, , .		39
171	HCDF: A Hybrid Community Discovery Framework. , 2010, , .		39
172	Metric forensics. , 2010, , .		39
173	CoBaFi. , 2014, , .		39
174	D-Cube. , 2017, , .		39
175	The Web as a Jungle. , 2015, , .		38
176	DenseAlert. , 2017, , .		38
177	GRAPHITE: A Visual Query System for Large Graphs. , 2008, , .		37
178	Fractional Immunization in Networks. , 2013, , .		37
179	Turbo-SMT: Accelerating Coupled Sparse Matrix-Tensor Factorizations by 200x. , 2014, 2014, 118-126.		37
180	Hierarchical, Parameter-Free Community Discovery. Lecture Notes in Computer Science, 2008, , 170-187.	1.3	37

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181	Self-spacial join selectivity estimation using fractal concepts. ACM Transactions on Information Systems, 1998, 16, 161-201.	4.9	36
182	Data-driven evolution of data mining algorithms. Communications of the ACM, 2002, 45, 33-37.	4.5	36
183	Outlier-robust clustering using independent components. , 2008, , .		36
184	Eigen-Optimization on Large Graphs by Edge Manipulation. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-30.	3.5	36
185	Epidemic Spread in Mobile Ad Hoc Networks: Determining the Tipping Point. Lecture Notes in Computer Science, 2011, , 266-280.	1.3	36
186	Declustering spatial databases on a multi-computer architecture. Lecture Notes in Computer Science, 1996, , 592-614.	1.3	35
187	Quantifiable data mining using ratio rules. VLDB Journal, 2000, 8, 254-266.	4.1	35
188	A fast and effective method to find correlations among attributes in databases. Data Mining and Knowledge Discovery, 2007, 14, 367-407.	3.7	34
189	Analytical results on the quadtree decomposition of arbitrary rectangles. Pattern Recognition Letters, 1992, 13, 31-40.	4.2	33
190	RTM: Laws and a Recursive Generator for Weighted Time-Evolving Graphs. , 2008, , .		33
191	Robust information-theoretic clustering. , 2006, , .		32
192	Large human communication networks. , 2009, , .		32
193	SPEX2: automated concise extraction of spatial gene expression patterns from Fly embryo ISH images. Bioinformatics, 2010, 26, i47-i56.	4.1	32
194	Pegasus: Mining billion-scale graphs in the cloud. , 2012, , .		32
195	Patterns on the Connected Components of Terabyte-Scale Graphs. , 2010, , .		31
196	Detecting anomalies in dynamic rating data. , 2014, , .		31
197	Inferring lockstep behavior from connectivity pattern in large graphs. Knowledge and Information Systems, 2016, 48, 399-428.	3.2	31
198	Beyond Sigmoids. , 2016, , .		31

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199	Spotting misbehaviors in location-based social networks using tensors. , 2014, , .		30
200	Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2187-2200.	5.7	30
201	VideoTrails. , 1997, , .		29
202	Spatial join selectivity using power laws. SIGMOD Record, 2000, 29, 177-188.	1.2	29
203	Mining Connection Pathways for Marked Nodes in Large Graphs. , 2013, , .		29
204	Retweeting Activity on Twitter: Signs of Deception. Lecture Notes in Computer Science, 2015, , 122-134.	1.3	29
205	Quantifying Reciprocity in Large Weighted Communication Networks. Lecture Notes in Computer Science, 2012, , 85-96.	1.3	29
206	TensorSplat: Spotting Latent Anomalies in Time. , 2012, , .		28
207	P <scp>ar</scp> C <scp>ube</scp>. ACM Transactions on Knowledge Discovery From Data, 2015, 10, 1-25.	3.5	28
208	S-HOT. , 2017, , .		28
209	Mining and Forecasting of Big Time-series Data. , 2015, , .		27
210	SedanSpot: Detecting Anomalies in Edge Streams. , 2018, , .		27
211	Interestingness-Driven Diffusion Process Summarization in Dynamic Networks. Lecture Notes in Computer Science, 2014, , 597-613.	1.3	27
212	F4. , 2002, , .		26
213	Cross-Outlier Detection. Lecture Notes in Computer Science, 2003, , 199-213.	1.3	26
214	Topological properties of robust biological and computational networks. Journal of the Royal Society Interface, 2014, 11, 20140283.	3.4	26
215	Mining billion-scale tensors: algorithms and discoveries. VLDB Journal, 2016, 25, 519-544.	4.1	26
216	RTG: A Recursive Realistic Graph Generator Using Random Typing. Lecture Notes in Computer Science, 2009, , 13-28.	1.3	26

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217	Optimal signature extraction and information loss. ACM Transactions on Database Systems, 1987, 12, 395-428.	2.8	25
218	BGP-lens. , 2009, , .		25
219	Robust multivariate autoregression for anomaly detection in dynamic product ratings. , 2014, , .		25
220	Statistical Properties of Social Networks. , 2011, , 17-42.		25
221	Beyond Poisson: Modeling Inter-Arrival Time of Requests in a Datacenter. Lecture Notes in Computer Science, 2014, , 198-209.	1.3	25
222	PowerCast: Mining and Forecasting Power Grid Sequences. Lecture Notes in Computer Science, 2017, , 606-621.	1.3	25
223	Overlay striping and optimal parallel I/O for modern applications. Parallel Computing, 1998, 24, 21-43.	2.1	24
224	Fast estimation of fractal dimension and correlation integral on stream data. Information Processing Letters, 2005, 93, 91-97.	0.6	24
225	Visualization of large networks with min-cut plots, A-plots and R-MAT. International Journal of Human Computer Studies, 2007, 65, 434-445.	5.6	24
226	Fast Robustness Estimation in Large Social Graphs: Communities and Anomaly Detection. , 2012, , .		24
227	If walls could talk. , 2015, , .		24
228	VideoCube: A Novel Tool for Video Mining and Classification. Lecture Notes in Computer Science, 2002, , 194-205.	1.3	24
229	Incorporating String Search in a Hypertext System: User Interface and Signature File Design Issues. New Review of Hypermedia and Multimedia, 1990, 2, 183-200.	1.2	23
230	Unsupervised modeling of object categories using link analysis techniques. , 2008, , .		23
231	OPAvion. , 2012, , .		23
232	TribeFlow. , 2016, , .		23
233	Detecting suspicious following behavior in multimillion-node social networks. , 2014, , .		22
234	Fast, Accurate and Provable Triangle Counting in Fully Dynamic Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-39.	3.5	22

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235	Relaxing the Uniformity and Independence Assumptions Using the Concept of Fractal Dimension. Journal of Computer and System Sciences, 1997, 55, 229-240.	1.2	21
236	Toward a Comprehensive Model in Internet Auction Fraud Detection. , 2008, , .		21
237	Tailoring click models to user goals. , 2009, , .		21
238	Time series analysis with multiple resolutions. Information Systems, 2010, 35, 56-74.	3.6	21
239	Top-N recommendation through belief propagation. , 2012, , .		21
240	An analysis on information diffusion through BlogCast in a blogosphere. Information Sciences, 2015, 290, 45-62.	6.9	21
241	Non-Linear Mining of Competing Local Activities. , 2016, , .		21
242	Forecasting in the NBA and other team sports. ACM Transactions on Knowledge Discovery From Data, 2012, 6, 1-27.	3.5	20
243	Beyond Blocks: Hyperbolic Community Detection. Lecture Notes in Computer Science, 2014, , 50-65.	1.3	20
244	How to improve the pruning ability of dynamic metric access methods. , 2002, , .		19
245	OBE: Outlier by Example. Lecture Notes in Computer Science, 2004, , 222-234.	1.3	19
246	Spectral Counting of Triangles in Power-Law Networks via Element-Wise Sparsification. , 2009, , .		19
247	Spatio-temporal mining of software adoption & penetration. , 2013, , .		19
248	Coercively Adjusted Auto Regression Model for Forecasting in Epilepsy EEG. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12.	1.3	19
249	Estimating robustness in large social graphs. Knowledge and Information Systems, 2015, 45, 645-678.	3.2	19
250	MalSpot: Multi2 Malicious Network Behavior Patterns Analysis. Lecture Notes in Computer Science, 2014, , 1-14.	1.3	19
251	InteMon. Operating Systems Review (ACM), 2006, 40, 38-44.	1.9	18
252	Bayesian Browsing Model. ACM Transactions on Knowledge Discovery From Data, 2010, 4, 1-26.	3.5	18

#	ARTICLE	IF	CITATIONS
253	RainMon. , 2012, , .		18
254	Individual and Collective Graph Mining: Principles, Algorithms, and Applications. Synthesis Lectures on Data Mining and Knowledge Discovery, 2017, 9, 1-206.	0.5	18
255	Classical and Contemporary Approaches to Big Time Series Forecasting. , 2019, , .		18
256	ND-Sync: Detecting Synchronized Fraud Activities. Lecture Notes in Computer Science, 2015, , 201-214.	1.3	18
257	Finding Clusters in subspaces of very large, multi-dimensional datasets. , 2010, , .		17
258	Fast, Accurate, and Flexible Algorithms for Dense Subtensor Mining. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	3.5	17
259	Tri-plots. , 2001, , .		16
260	EigenSpokes: Surprising Patterns and Scalable Community Chipping in Large Graphs. , 2009, , .		16
261	Come-and-Go Patterns of Group Evolution. , 2016, , .		16
262	On Power Law Growth of Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1727-1740.	5.7	16
263	A Contrast Metric for Fraud Detection in Rich Graphs. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2235-2248.	5.7	16
264	Data mining on an OLTP system (nearly) for free. , 2000, , .		15
265	Adaptive, unsupervised stream mining. VLDB Journal, 2004, 13, 222.	4.1	15
266	RIC. ACM Transactions on Knowledge Discovery From Data, 2007, 1, 10.	3.5	15
267	The self-feeding process. , 2013, , .		15
268	Perseus. Proceedings of the VLDB Endowment, 2015, 8, 1924-1927.	3.8	15
269	Efficient and Distributed Algorithms for Large-Scale Generalized Canonical Correlations Analysis. , 2016, , .		15
270	Beyond Outlier Detection: LookOut for Pictorial Explanation. Lecture Notes in Computer Science, 2019, , 122-138.	1.3	15

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271	TWave: High-order analysis of functional MRI. NeuroImage, 2011, 58, 537-548.	4.2	14
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