Christos Faloutsos

List of Publications by Year
in descending order

457 papers	39,730 citations	31949 53 h-index	12933 131 g-index
469 all docs	469 docs citations	469 times ranked	16656 citing authors

#	Article	IF	Citations
1	Autonomous graph mining algorithm search with best performance trade-off. Knowledge and Information Systems, 2022, 64, 1571-1602.	2.1	2
2	CoCoS: Fast and Accurate Distributed Triangle Counting in Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-30.	2.5	3
3	INFOSHIELD: Generalizable Information-Theoretic Human-Trafficking Detection. , 2021, , .		8
4	Temporal locality-aware sampling for accurate triangle counting in real graph streams. VLDB Journal, 2020, 29, 1501-1525.	2.7	8
5	Fast and memory-efficient algorithms for high-order Tucker decomposition. Knowledge and Information Systems, 2020, 62, 2765-2794.	2.1	3
6	Detecting Group Anomalies in Tera-Scale Multi-Aspect Data via Dense-Subtensor Mining. Frontiers in Big Data, 2020, 3, 594302.	1.8	2
7	AutoAudit: Mining Accounting and Time-Evolving Graphs. , 2020, , .		4
8	Higher-Order Label Homogeneity and Spreading in Graphs. , 2020, , .		5
9	Fast, Accurate and Provable Triangle Counting in Fully Dynamic Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-39.	2.5	22
10	MultiImport: Inferring Node Importance in a Knowledge Graph from Multiple Input Signals. , 2020, , .		10
11	TRIAGE. , 2020, , .		0
12	J-Recs: Principled and Scalable Recommendation Justification. , 2020, , .		1
13	TensorCast: forecasting and mining with coupled tensors. Knowledge and Information Systems, 2019, 59, 497-522.	2.1	5
14	Estimating Node Importance in Knowledge Graphs Using Graph Neural Networks. , 2019, , .		78
15	Classical and Contemporary Approaches to Big Time Series Forecasting. , 2019, , .		18
16	Fast and Accurate Anomaly Detection in Dynamic Graphs with a Two-Pronged Approach. , 2019, , .		42
17	WebHound: a data-driven intrusion detection from real-world web access logs. Soft Computing, 2019, 23, 11947-11965.	2.1	1
18	Beyond Outliers and on to Micro-clusters: Vision-Guided Anomaly Detection. Lecture Notes in Computer Science, 2019, , 541-554.	1.0	1

#	Article	IF	Citations
19	GridWatch: Sensor Placement and Anomaly Detection in the Electrical Grid. Lecture Notes in Computer Science, 2019, , 71-86.	1.0	4
20	Beyond Outlier Detection: LookOut for Pictorial Explanation. Lecture Notes in Computer Science, 2019, , 122-138.	1.0	15
21	Impact of Load Models on Power Flow Optimization. , 2019, , .		3
22	A Contrast Metric for Fraud Detection in Rich Graphs. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2235-2248.	4.0	16
23	Think Before You Discard: Accurate Triangle Counting in Graph Streams with Deletions. Lecture Notes in Computer Science, 2019, , 141-157.	1.0	4
24	Social-Affiliation Networks: Patterns and the SOAR Model. Lecture Notes in Computer Science, 2019, , 105-121.	1.0	0
25	On Power Law Growth of Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1727-1740.	4.0	16
26	REV2. , 2018, , .		183
27	Fast, Accurate, and Flexible Algorithms for Dense Subtensor Mining. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	2.5	17
28	Modeling tumor progression via the comparison of stage-specific graphs. Methods, 2018, 132, 34-41.	1.9	7
29	Patterns and anomalies in k-cores of real-world graphs with applications. Knowledge and Information Systems, 2018, 54, 677-710.	2.1	42
30	ChangeDAR. , 2018, , .		2
31	SedanSpot: Detecting Anomalies in Edge Streams. , 2018, , .		27
32	SDREGION. , 2018, , .		8
33	Tri-Fly: Distributed Estimation of Global and Local Triangle Counts in Graph Streams. Lecture Notes in Computer Science, 2018, , 651-663.	1.0	10
34	Forecasting big time series. Proceedings of the VLDB Endowment, 2018, 11, 2102-2105.	2.1	40
35	TensorCast: Forecasting Time-Evolving Networks with Contextual Information. , 2018, , .		5
36	Fraud Detection Using Social Network Analysis: A Case Study. , 2018, , 856-861.		2

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37	Robust Data-Driven State Estimation for Smart Grid. IEEE Transactions on Smart Grid, 2017, 8, 1956-1967.	6.2	98
38	Ecosystem on the Web: non-linear mining and forecasting of co-evolving online activities. World Wide Web, 2017, 20, 439-465.	2.7	2
39	S-HOT. , 2017, , .		28
40	Facebook wall posts: a model of user behaviors. Social Network Analysis and Mining, 2017, 7, 1.	1.9	13
41	Nonlinear Dynamics of Information Diffusion in Social Networks. ACM Transactions on the Web, 2017, 11, 1-40.	2.0	11
42	Tensor Decomposition for Signal Processing and Machine Learning. IEEE Transactions on Signal Processing, 2017, 65, 3551-3582.	3.2	963
43	D-Cube. , 2017, , .		39
44	Individual and Collective Graph Mining: Principles, Algorithms, and Applications. Synthesis Lectures on Data Mining and Knowledge Discovery, 2017, 9, 1-206.	0.5	18
45	Modeling Temporal Activity to Detect Anomalous Behavior in Social Media. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-23.	2.5	13
46	<scp>come</scp> N <scp>go</scp>. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-22.	2.5	5
47	AutoCyclone. , 2017, , .		13
48	Graph-Based Fraud Detection in the Face of Camouflage. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-26.	2.5	47
49	Tensors for Data Mining and Data Fusion. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-44.	2.9	216
50	zooRank: Ranking Suspicious Entities in Time-Evolving Tensors. Lecture Notes in Computer Science, 2017, , 68-84.	1.0	3
51	HoloScope. , 2017, , .		43
52	Linear load model for robust power system analysis. , 2017, , .		12
53	GB-R: A Fast and Effective Gray-Box Reconstruction of Cascade Time-Series. , 2017, , .		0
54	Fraud Detection in Comparison-Shopping Services: Patterns and Anomalies in User Click Behaviors. IEICE Transactions on Information and Systems, 2017, E100.D, 2659-2663.	0.4	7

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55	Beyond Assortativity: Proclivity Index for Attributed Networks (ProNe). Lecture Notes in Computer Science, 2017, , 225-237.	1.0	5
56	BeatLex: Summarizing and Forecasting Time Series with Patterns. Lecture Notes in Computer Science, 2017, , 3-19.	1.0	10
57	PowerCast: Mining and Forecasting Power Grid Sequences. Lecture Notes in Computer Science, 2017, , 606-621.	1.0	25
58	Long Short Memory Process. , 2017, , .		13
59	PNP. , 2017, , .		5
60	DenseAlert. , 2017, , .		38
61	CoreScope: Graph Mining Using k-Core Analysis â€" Patterns, Anomalies and Algorithms. , 2016, , .		62
62	Vote-and-Comment: Modeling the Coevolution of User Interactions in Social Voting Web Sites. , 2016, , .		1
63	Efficient and Distributed Algorithms for Large-Scale Generalized Canonical Correlations Analysis. , 2016, , .		15
64	TribeFlow. , 2016, , .		23
65	CatchTartan. , 2016, , .		12
66	Inferring lockstep behavior from connectivity pattern in large graphs. Knowledge and Information Systems, 2016, 48, 399-428.	2.1	31
67	Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2187-2200.	4.0	30
68	Mining Big Time-series Data on the Web. , 2016, , .		7
69	FastStep: Scalable Boolean Matrix Decomposition. Lecture Notes in Computer Science, 2016, , 461-473.	1.0	4
70	Beyond Sigmoids. , 2016, , .		31
71	Come-and-Go Patterns of Group Evolution. , 2016, , .		16
72	FRAUDAR. , 2016, , .		184

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73	"Infect-me-not" A user-centric and site-centric study of web-based malware. , 2016, , .		2
74	Turbo-SMT: Parallel coupled sparse matrix-Tensor factorizations and applications. Statistical Analysis and Data Mining, 2016, 9, 269-290.	1.4	1
75	Unsupervised Tensor Mining for Big Data Practitioners. Big Data, 2016, 4, 179-191.	2.1	6
76	Parameter pattern discovery in nonlinear dynamic model for EEGs analysis. Journal of Integrative Neuroscience, 2016, 15, 381-402.	0.8	2
77	Non-Linear Mining of Competing Local Activities. , 2016, , .		21
78	Eigen-Optimization on Large Graphs by Edge Manipulation. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-30.	2.5	36
79	Catching Synchronized Behaviors in Large Networks. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-27.	2.5	60
80	Mining billion-scale tensors: algorithms and discoveries. VLDB Journal, 2016, 25, 519-544.	2.7	26
81	Multimodal Data Mining in a Multimedia Database Based on Structured Max Margin Learning. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-30.	2.5	6
82	D <scp>elta</scp> C <scp>on</scp>. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-43.	2.5	125
83	Node Immunization on Large Graphs: Theory and Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 113-126.	4.0	62
84	Discovery of "comet" communities in temporal and labeled graphs Com ^{2} 2 Â. Knowledge and Information Systems, 2016, 46, 657-677.	2.1	4
85	Fraud Detection Using Social Network Analysis, A Case Study. , 2016, , 1-6.		1
86	Matrices, Compression, Learning Curves: Formulation, and the GroupNteach Algorithms. Lecture Notes in Computer Science, 2016, , 376-387.	1.0	1
87	M-Zoom: Fast Dense-Block Detection in Tensors with Quality Guarantees. Lecture Notes in Computer Science, 2016, , 264-280.	1.0	52
88	Power-Hop: A Pervasive Observation for Real Complex Networks. PLoS ONE, 2016, 11, e0151027.	1.1	4
89	The Web as a Jungle. , 2015, , .		38
90	Summarizing and understanding large graphs. Statistical Analysis and Data Mining, 2015, 8, 183-202.	1.4	53

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91	A General Suspiciousness Metric for Dense Blocks in Multimodal Data. , 2015, , .		64
92	Location based Social Network analysis using Tensors and Signal Processing tools. , 2015, , .		8
93	Anomaly detection in dynamic networks: a survey. Wiley Interdisciplinary Reviews: Computational Statistics, 2015, 7, 223-247.	2.1	232
94	Education, Learning and Information Theory. , 2015, , .		0
95	RSC. , 2015, , .		49
96	Scalable community discovery from multi-faceted graphs. , 2015, , .		4
97	Perseus. Proceedings of the VLDB Endowment, 2015, 8, 1924-1927.	2.1	15
98	Automatic Taxonomy Extraction from Bipartite Graphs. , 2015, , .		0
99	If walls could talk. , 2015, , .		24
100	Retweeting Activity on Twitter: Signs of Deception. Lecture Notes in Computer Science, 2015, , 122-134.	1.0	29
101	P <scp>ar</scp> C <scp>ube</scp>. ACM Transactions on Knowledge Discovery From Data, 2015, 10, 1-25.	2.5	28
102	MassExodus: modeling evolving networks in harsh environments. Data Mining and Knowledge Discovery, 2015, 29, 1211-1232.	2.4	3
103	Mining and Forecasting of Big Time-series Data. , 2015, , .		27
104	Modeling Website Popularity Competition in the Attention-Activity Marketplace. , 2015, , .		11
105	Universal and Distinct Properties of Communication Dynamics. ACM Transactions on Knowledge Discovery From Data, 2015, 9, 1-31.	2.5	4
106	HaTen2: Billion-scale tensor decompositions. , 2015, , .		83
107	Estimating robustness in large social graphs. Knowledge and Information Systems, 2015, 45, 645-678.	2.1	19
108	An analysis on information diffusion through BlogCast in a blogosphere. Information Sciences, 2015, 290, 45-62.	4.0	21

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109	ND-Sync: Detecting Synchronized Fraud Activities. Lecture Notes in Computer Science, 2015, , 201-214.	1.0	18
110	SocNL: Bayesian Label Propagation with Confidence. Lecture Notes in Computer Science, 2015, , 633-645.	1.0	5
111	TimeCrunch. , 2015, , .		99
112	Data-driven topology estimation. , 2014, , .		12
113	Speed up of data-driven state estimation using low-complexity indexing method. , 2014, , .		2
114	Trust prediction using positive, implicit, and negative information. , 2014, , .		5
115	SharkFin: Spatio-temporal mining of software adoption and penetration. Social Network Analysis and Mining, 2014, 4, 1.	1.9	0
116	Robust multivariate autoregression for anomaly detection in dynamic product ratings. , 2014, , .		25
117	Spotting misbehaviors in location-based social networks using tensors. , 2014, , .		30
118	AutoPlait. , 2014, , .		95
119	CatchSync. , 2014, , .		104
120	VOG: Summarizing and Understanding Large Graphs. , 2014, , .		76
121	Turbo-SMT: Accelerating Coupled Sparse Matrix-Tensor Factorizations by 200x. , 2014, 2014, 118-126.		37
122	Good-Enough Brain Model: Challenges, Algorithms, and Discoveries in Multisubject Experiments. Big Data, 2014, 2, 216-229.	2.1	3
123	Detecting suspicious following behavior in multimillion-node social networks. , 2014, , .		22
124	FUNNEL. , 2014, , .		70
125	F<scp>lexi</scp>F<scp>a</scp>CT: Scalable Flexible Factorization of Coupled Tensors on Hadoop. , 2014, , .		71
126	Spotting Suspicious Link Behavior with fBox: An Adversarial Perspective. , 2014, , .		59

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127	Good-enough brain model. , 2014, , .		9
128	Efficiently spotting the starting points of an epidemic in a large graph. Knowledge and Information Systems, 2014, 38, 35-59.	2.1	54
129	Accurate Approximation of the Earth Mover's Distance in Linear Time. Journal of Computer Science and Technology, 2014, 29, 142-154.	0.9	2
130	HEigen: Spectral Analysis for Billion-Scale Graphs. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 350-362.	4.0	40
131	Topological properties of robust biological and computational networks. Journal of the Royal Society Interface, 2014, 11, 20140283.	1.5	26
132	SlashBurn: Graph Compression and Mining beyond Caveman Communities. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 3077-3089.	4.0	123
133	On Constructing Seminal Paper Genealogy. IEEE Transactions on Cybernetics, 2014, 44, 54-65.	6.2	7
134	VoidWiz: Resolving incompleteness using network effects. , 2014, , .		2
135	Detecting anomalies in dynamic rating data. , 2014, , .		31
136	Parallel Randomly Compressed Cubes : A scalable distributed architecture for big tensor decomposition. IEEE Signal Processing Magazine, 2014, 31, 57-70.	4.6	53
137	CoBaFi. , 2014, , .		39
138	Large graph mining. , 2014, , .		3
139	QuMinS: Fast and scalable querying, mining and summarizing multi-modal databases. Information Sciences, 2014, 264, 211-229.	4.0	2
140	Beyond Poisson: Modeling Inter-Arrival Time of Requests in a Datacenter. Lecture Notes in Computer Science, 2014, , 198-209.	1.0	25
141	Com2: Fast Automatic Discovery of Temporal ('Comet') Communities. Lecture Notes in Computer Science, 2014, , 271-283.	1.0	61
142	MalSpot: Multi2 Malicious Network Behavior Patterns Analysis. Lecture Notes in Computer Science, 2014, , 1-14.	1.0	19
143	Inferring Strange Behavior from Connectivity Pattern in Social Networks. Lecture Notes in Computer Science, 2014, , 126-138.	1.0	56
144	Net-Ray: Visualizing and Mining Billion-Scale Graphs. Lecture Notes in Computer Science, 2014, , 348-361.	1.0	14

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145	Influence Propagation: Patterns, Model and a Case Study. Lecture Notes in Computer Science, 2014, , 386-397.	1.0	5
146	MidiFind: Similarity Search and Popularity Mining in Large MIDI Databases. Lecture Notes in Computer Science, 2014, , 259-276.	1.0	2
147	Revisit Behavior in Social Media: The Phoenix-R Model and Discoveries. Lecture Notes in Computer Science, 2014, , 386-401.	1.0	11
148	Beyond Blocks: Hyperbolic Community Detection. Lecture Notes in Computer Science, 2014, , 50-65.	1.0	20
149	Interestingness-Driven Diffusion Process Summarization in Dynamic Networks. Lecture Notes in Computer Science, 2014, , 597-613.	1.0	27
150	Mining Tera-Scale Graphs with â€œPegasusâ€ Algorithms and Discoveries. , 2014, , 75-99.		1
151	Fault-Tolerant Concept Detection in Information Networks. Lecture Notes in Computer Science, 2014, , 410-421.	1.0	0
152	Detecting insider threats in a real corporate database of computer usage activity. , 2013, , .		80
153	Big graph mining. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2013, 14, 29-36.	3.2	47
154	Anomaly, event, and fraud detection in large network datasets. , 2013, , .		43
155	Mixed Membership Subspace Clustering. , 2013, , .		4
156	Spatio-temporal mining of software adoption & penetration. , 2013, , .		19
157	Standards for graph algorithm primitives. , 2013, , .		63
158	Related Work and Concepts. SpringerBriefs in Computer Science, 2013, , 7-20.	0.2	0
159	Data Mining in Large Sets of Complex Data. SpringerBriefs in Computer Science, 2013, , .	0.2	3
160	Smartphone viruses propagation on heterogeneous composite networks. , 2013, , .		3
161	Why people hate your app. , 2013, , .		279
162	Fast anomaly detection despite the duplicates. , 2013, , .		8

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163	Analysis of the reputation system and user contributions on a question answering website. , 2013, , .		96
164	Network similarity via multiple social theories. , 2013, , .		40
165	D<scp>elta</scp>C<scp>on</scp>: A Principled Massive-Graph Similarity Function. , 2013, , .		104
166	Competing Memes Propagation on Networks: A Network Science Perspective. IEEE Journal on Selected Areas in Communications, 2013, 31, 1049-1060.	9.7	80
167	Fractional Immunization in Networks. , 2013, , .		37
168	CopyCatch. , 2013, , .		198
169	NetSpot: Spotting Significant Anomalous Regions on Dynamic Networks. , 2013, , .		63
170	The self-feeding process. , 2013, , .		15
171	Mining Connection Pathways for Marked Nodes in Large Graphs. , 2013, , .		29
172	Coercively Adjusted Auto Regression Model for Forecasting in Epilepsy EEG. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12.	0.7	19
173	Patterns amongst Competing Task Frequencies: Super-Linearities, and the Almond-DG Model. Lecture Notes in Computer Science, 2013, , 201-212.	1.0	10
174	F-Trail: Finding Patterns in Taxi Trajectories. Lecture Notes in Computer Science, 2013, , 86-98.	1.0	11
175	EEG-MINE: Mining and Understanding Epilepsy Data. Lecture Notes in Computer Science, 2013, , 155-167.	1.0	1
176	A Highly Scalable and Adaptable Co-Learning Framework on Multimodal Data Mining in a Multimedia Database. , 2013, , 567-586.		0
177	QMAS. SpringerBriefs in Computer Science, 2013, , 93-109.	0.2	0
178	Understanding and managing cascades on large graphs. Proceedings of the VLDB Endowment, 2012, 5, 2024-2025.	2.1	4
179	Competing memes propagation on networks. Computer Communication Review, 2012, 42, 5-12.	1.5	42
180	Winner takes all. , 2012, , .		94

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181	ParCube: Sparse Parallelizable Tensor Decompositions. Lecture Notes in Computer Science, 2012, , 521-536.	1.0	88
182	RolX. , 2012, , .		239
183	Interacting viruses in networks. , 2012, , .		74
184	RainMon. , 2012, , .		18
185	Forecasting in the NBA and other team sports. ACM Transactions on Knowledge Discovery From Data, 2012, 6, 1-27.	2.5	20
186	Fast and reliable anomaly detection in categorical data. , 2012, , .		76
187	Fast mining and forecasting of complex time-stamped events. , 2012, , .		76
188	GigaTensor. , 2012, , .		176
189	OPAvion. , 2012, , .		23
190	TensorSplat: Spotting Latent Anomalies in Time. , 2012, , .		28
191	Top-N recommendation through belief propagation. , 2012, , .		21
192	TourViz. , 2012, , .		9
193	Fast Robustness Estimation in Large Social Graphs: Communities and Anomaly Detection. , 2012, , .		24
194	MultiAspectForensics: mining large heterogeneous networks using tensor. International Journal of Web Engineering and Technology, 2012, 7, 302.	0.1	4
195	PICS: Parameter-free Identification of Cohesive Subgroups in Large Attributed Graphs. , 2012, , .		72
196	gbase: an efficient analysis platform for large graphs. VLDB Journal, 2012, 21, 637-650.	2.7	62
197	Threshold conditions for arbitrary cascade models on arbitrary networks. Knowledge and Information Systems, 2012, 33, 549-575.	2.1	100
198	Rise and fall patterns of information diffusion. , 2012, , .		230

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199	Interactively and Visually Exploring Tours of Marked Nodes in Large Graphs. , 2012, , .		1
200	EigenSP: A More Accurate Shortest Path Distance Estimation on Large-Scale Networks. , 2012, , .		0
201	Managing and mining large graphs. , 2012, , .		8
202	Pegasus: Mining billion-scale graphs in the cloud. , 2012, , .		32
203	Gelling, and melting, large graphs by edge manipulation. , 2012, , .		147
204	Gateway finder in large graphs: problem definitions and fast solutions. Information Retrieval, 2012, 15, 391-411.	1.6	9
205	Quantifying Reciprocity in Large Weighted Communication Networks. Lecture Notes in Computer Science, 2012, , 85-96.	1.0	29
206	Spotting Culprits in Epidemics: How Many and Which Ones?. , 2012, , .		140
207	SigSpot. , 2012, , .		1
208	Mobile Phone Graph Evolution: Findings, Model and Interpretation. , 2011, , .		1
209	Threshold Conditions for Arbitrary Cascade Models on Arbitrary Networks. , 2011, , .		67
210	Beyond 'Caveman Communities': Hubs and Spokes for Graph Compression and Mining. , 2011, , .		90
211	Recommending People in Developers' Collaboration Network. , 2011, , .		45
212	TWave: High-order analysis of functional MRI. NeuroImage, 2011, 58, 537-548.	2.1	14
213	Mining large graphs: Algorithms, inference, and discoveries. , 2011, , .		47
214	Apolo. , 2011, , .		129
215	WindMine: Fast and Effective Mining of Web-click Sequences. , 2011, , .		4
216	Polonium: Tera-Scale Graph Mining and Inference for Malware Detection. , 2011, , .		101

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217	Outlier detection by example. Journal of Intelligent Information Systems, 2011, 36, 217-247.	2.8	9
218	PEGASUS: mining peta-scale graphs. Knowledge and Information Systems, 2011, 27, 303-325.	2.1	133
219	Spectral counting of triangles via element-wise sparsification and triangle-based link recommendation. Social Network Analysis and Mining, 2011, 1, 75-81.	1.9	59
220	Constructing seminal paper genealogy. , 2011, , .		7
221	BlogCast effect on information diffusion in a blogosphere. , 2011, , .		2
222	Mining billion-node graphs. , 2011, , .		1
223	Spectral analysis of a blogosphere. , 2011, , .		1
224	GBASE. , 2011, , .		90
225	A linear-time approximation of the earth mover's distance. , 2011, , .		12
226	Apolo. , 2011, , .		13
227	Clustering very large multi-dimensional datasets with MapReduce. , 2011, , .		73
228	Human Dynamics in Large Communication Networks. , 2011, , .		5
229	Non-binary information propagation: Modeling BGP routing churn. , 2011, , .		3
230	MultiAspectForensics: Pattern Mining on Large-Scale Heterogeneous Networks with Tensor Analysis. , 2011, , .		79
231	ThermoCast. , 2011, , .		76
232	It's who you know. , 2011, , .		152
233	HADI. ACM Transactions on Knowledge Discovery From Data, 2011, 5, 1-24.	2.5	93
234	Statistical Properties of Social Networks. , 2011, , 17-42.		25

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235	Epidemic Spread in Mobile Ad Hoc Networks: Determining the Tipping Point. Lecture Notes in Computer Science, 2011, , 266-280.	1.0	36
236	Spectral Analysis for Billion-Scale Graphs: Discoveries and Implementation. Lecture Notes in Computer Science, 2011, , 13-25.	1.0	48
237	Unifying Guilt-by-Association Approaches: Theorems and Fast Algorithms. Lecture Notes in Computer Science, 2011, , 245-260.	1.0	55
238	Radius Plots for Mining Tera-byte Scale Graphs: Algorithms, Patterns, and Observations. , 2010, , .		44
239	HCDF: A Hybrid Community Discovery Framework. , 2010, , .		39
240	Parsimonious linear fingerprinting for time series. Proceedings of the VLDB Endowment, 2010, 3, 385-396.	2.1	47
241	Time series analysis with multiple resolutions. Information Systems, 2010, 35, 56-74.	2.4	21
242	SPEX2: automated concise extraction of spatial gene expression patterns from Fly embryo ISH images. Bioinformatics, 2010, 26, i47-i56.	1.8	32
243	High-order concept discovery in functional brain imaging. , 2010, , .		0
244	EigenSpokes: Surprising Patterns and Scalable Community Chipping in Large Graphs. Lecture Notes in Computer Science, 2010, , 435-448.	1.0	89
245	Metric forensics. , 2010, , .		39
246	Fast Discovery of Group Lag Correlations in Streams. ACM Transactions on Knowledge Discovery From Data, 2010, 5, 1-43.	2.5	2
247	Bayesian Browsing Model. ACM Transactions on Knowledge Discovery From Data, 2010, 4, 1-26.	2.5	18
248	EigenDiagnostics: Spotting Connection Patterns and Outliers in Large Graphs. , 2010, , .		2
249	Mining Billion-node Graphs: Patterns, Generators and Tools. , 2010, , .		0
250	ValuePick: Towards a Value-Oriented Dual-Goal Recommender System. , 2010, , .		10
251	On the Vulnerability of Large Graphs. , 2010, , .		96
252	Finding Clusters in subspaces of very large, multi-dimensional datasets. , 2010, , .		17

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253	Patterns on the Connected Components of Terabyte-Scale Graphs. , 2010, , .		31
254	QMAS: Querying, Mining and Summarization of Multi-modal Databases. , 2010, , .		6
255	Fast algorithms for time series mining. , 2010, , .		2
256	An Intrinsic Graphical Signature Based on Alert Correlation Analysis for Intrusion Detection. , 2010, , .		5
257	Graph Mining: Laws and Generators. The Kluwer International Series on Advances in Database Systems, 2010, , 69-123.	1.1	14
258	Community Evolution and Change Point Detection in Time-Evolving Graphs. , 2010, , 73-104.		1
259	Proximity Tracking on Dynamic Bipartite Graphs: Problem Definitions and Fast Solutions. , 2010, , 211-236.		1
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