Christos Faloutsos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

436 papers	27,587 citations	73 h-index	157 g-index
469 ext. papers	33,063 ext. citations	2.4 avg, IF	7.31 L-index

#	Paper	IF	Citations
436	CoCoS: Fast and Accurate Distributed Triangle Counting in Graph Streams. *ACM Transactions on Knowledge Discovery From Data*, **2021**, 15, 1-30	4	1
435	Fast and memory-efficient algorithms for high-order Tucker decomposition. *Knowledge and Information Systems*, **2020**, 62, 2765-2794	2.4	1
434	AutoAudit: Mining Accounting and Time-Evolving Graphs **2020**,		1
433	Fast, Accurate and Provable Triangle Counting in Fully Dynamic Graph Streams. *ACM Transactions on Knowledge Discovery From Data*, **2020**, 14, 1-39	4	10
432	MultiImport: Inferring Node Importance in a Knowledge Graph from Multiple Input Signals **2020**,		5
431	Temporal locality-aware sampling for accurate triangle counting in real graph streams. *VLDB Journal*, **2020**, 29, 1501-1525	3.9	4
430	Detecting Group Anomalies in Tera-Scale Multi-Aspect Data via Dense-Subtensor Mining. *Frontiers in Big Data*, **2020**, 3, 594302	2.8	0
429	Fast and Accurate Anomaly Detection in Dynamic Graphs with a Two-Pronged Approach **2019**,		18
428	WebHound: a data-driven intrusion detection from real-world web access logs. *Soft Computing*, **2019**, 23, 11947-11965	3.5	1
427	Beyond Outliers and on to Micro-clusters: Vision-Guided Anomaly Detection. *Lecture Notes in Computer Science*, **2019**, 541-554	0.9	1
426	GridWatch: Sensor Placement and Anomaly Detection in the Electrical Grid. *Lecture Notes in Computer Science*, **2019**, 71-86	0.9	1
425	TensorCast: forecasting and mining with coupled tensors. *Knowledge and Information Systems*, **2019** , 59, 497-522	2.4	2
424	Estimating Node Importance in Knowledge Graphs Using Graph Neural Networks **2019**,		37
423	Classical and Contemporary Approaches to Big Time Series Forecasting **2019**,		5
422	Social-Affiliation Networks: Patterns and the SOAR Model. *Lecture Notes in Computer Science*, **2019**, 105-121	0.9	
421	Think Before You Discard: Accurate Triangle Counting in Graph Streams with Deletions. *Lecture Notes in Computer Science*, **2019**, 141-157	0.9	3
420	Beyond Outlier Detection: LookOut for Pictorial Explanation. *Lecture Notes in Computer Science*, **2019**, 122-138	0.9	8

419	Impact of Load Models on Power Flow Optimization **2019**,		2
418	. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 2235-2248	4.2	6
417	. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 1727-1740	4.2	10
416	REV2 **2018**,		79
415	Fast, Accurate, and Flexible Algorithms for Dense Subtensor Mining. *ACM Transactions on Knowledge Discovery From Data*, **2018**, 12, 1-30	4	11
414	Modeling tumor progression via the comparison of stage-specific graphs. *Methods*, **2018**, 132, 34-41	4.6	5
413	Patterns and anomalies in k-cores of real-world graphs with applications. *Knowledge and Information Systems*, **2018**, 54, 677-710	2.4	28
412	SDREGION **2018**,		4
411	Tri-Fly: Distributed Estimation of Global and Local Triangle Counts in Graph Streams. *Lecture Notes in Computer Science*, **2018**, 651-663	0.9	9
410	Forecasting big time series. *Proceedings of the VLDB Endowment*, **2018**, 11, 2102-2105	3.1	17
409	TensorCast: Forecasting Time-Evolving Networks with Contextual Information **2018**,		4
408	ChangeDAR **2018**,		1
407	SedanSpot: Detecting Anomalies in Edge Streams **2018**,		9
406	Robust Data-Driven State Estimation for Smart Grid. *IEEE Transactions on Smart Grid*, **2017**, 8, 1956-1967	10.7	59
405	Ecosystem on the Web: non-linear mining and forecasting of co-evolving online activities. *World Wide Web*, **2017**, 20, 439-465	2.9	1
404	S-HOT **2017**,		17
403	Facebook wall posts: a model of user behaviors. *Social Network Analysis and Mining*, **2017**, 7, 1	2.2	9
402	Nonlinear Dynamics of Information Diffusion in Social Networks. *ACM Transactions on the Web*, **2017**, 11, 1-40	3.2	8

401	. *IEEE Transactions on Signal Processing*, **2017**, 65, 3551-3582	4.8	588
400	D-Cube **2017**,		29
399	Individual and Collective Graph Mining: Principles, Algorithms, and Applications. *Synthesis Lectures on Data Mining and Knowledge Discovery*, **2017**, 9, 1-206	1.3	16
398	Fraud Detection in Comparison-Shopping Services: Patterns and Anomalies in User Click Behaviors. *IEICE Transactions on Information and Systems*, **2017**, E100.D, 2659-2663	0.6	4
397	Modeling Temporal Activity to Detect Anomalous Behavior in Social Media. *ACM Transactions on Knowledge Discovery From Data*, **2017**, 11, 1-23	4	7
396	come N go. *ACM Transactions on Knowledge Discovery From Data*, **2017**, 11, 1-22	4	4
395	AutoCyclone **2017**,		7
394	Graph-Based Fraud Detection in the Face of Camouflage. *ACM Transactions on Knowledge Discovery From Data*, **2017**, 11, 1-26	4	30
393	Tensors for Data Mining and Data Fusion. *ACM Transactions on Intelligent Systems and Technology*, **2017**, 8, 1-44	8	127
392	zooRank: Ranking Suspicious Entities in Time-Evolving Tensors. *Lecture Notes in Computer Science*, **2017**, 68-84	0.9	2
391	HoloScope **2017**,		31
390	Linear load model for robust power system analysis **2017**,		9
389	Long Short Memory Process **2017**,		11
388	PNP **2017**,		2
387	DenseAlert **2017**,		20
386	Beyond Assortativity: Proclivity Index for Attributed Networks (ProNe). *Lecture Notes in Computer Science*, **2017**, 225-237	0.9	4
385	BeatLex: Summarizing and Forecasting Time Series with Patterns. *Lecture Notes in Computer Science*, **2017**, 3-19	0.9	7
384	PowerCast: Mining and Forecasting Power Grid Sequences. *Lecture Notes in Computer Science*, **2017**, 606-621	0.9	13

383	Discovery of □ome□ □ommunities in temporal and labeled graphs Com (^2). *Knowledge and Information Systems*, **2016**, 46, 657-677	2.4	3
382	Come-and-Go Patterns of Group Evolution **2016**,		13
381	FRAUDAR **2016**,		107
380	□nfect-me-not□A user-centric and site-centric study of web-based malware **2016**,		2
379	Turbo-SMT: Parallel Coupled Sparse Matrix-Tensor Factorizations and Applications. *Statistical Analysis and Data Mining*, **2016**, 9, 269-290	1.4	1
378	Unsupervised Tensor Mining for Big Data Practitioners. *Big Data*, **2016**, 4, 179-91	3.1	6
377	Parameter pattern discovery in nonlinear dynamic model for EEGs analysis. *Journal of Integrative Neuroscience*, **2016**, 15, 381-402	1.5	2
376	Non-Linear Mining of Competing Local Activities **2016**,		13
375	Eigen-Optimization on Large Graphs by Edge Manipulation. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 10, 1-30	4	22
374	Catching Synchronized Behaviors in Large Networks. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 10, 1-27	4	42
373	Mining billion-scale tensors: algorithms and discoveries. *VLDB Journal*, **2016**, 25, 519-544	3.9	20
372	Multimodal Data Mining in a Multimedia Database Based on Structured Max Margin Learning. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 10, 1-30	4	6
371	D elta C on. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 10, 1-43	4	77
370	. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 113-126	4.2	41
369	Power-Hop: A Pervasive Observation for Real Complex Networks. *PLoS ONE*, **2016**, 11, e0151027	3.7	4
368	Matrices, Compression, Learning Curves: Formulation, and the GroupNteach Algorithms. *Lecture Notes in Computer Science*, **2016**, 376-387	0.9	1
367	M-Zoom: Fast Dense-Block Detection in Tensors with Quality Guarantees. *Lecture Notes in Computer Science*, **2016**, 264-280	0.9	42
366	CoreScope: Graph Mining Using k-Core Analysis □Patterns, Anomalies and Algorithms **2016**,		42

365	Vote-and-Comment: Modeling the Coevolution of User Interactions in Social Voting Web Sites **2016** ,		1
364	Efficient and Distributed Algorithms for Large-Scale Generalized Canonical Correlations Analysis **2016**,		11
363	TribeFlow **2016**,		17
362	CatchTartan **2016**,		10
361	Inferring lockstep behavior from connectivity pattern in large graphs. *Knowledge and Information Systems*, **2016**, 48, 399-428	2.4	20
360	. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 2187-2200	4.2	20
359	Mining Big Time-series Data on the Web **2016**,		3
358	FastStep: Scalable Boolean Matrix Decomposition. *Lecture Notes in Computer Science*, **2016**, 461-473	0.9	1
357	Beyond Sigmoids **2016**,		23
356	Retweeting Activity on Twitter: Signs of Deception. *Lecture Notes in Computer Science*, **2015**, 122-134	0.9	23
355	P ar C ube. *ACM Transactions on Knowledge Discovery From Data*, **2015**, 10, 1-25	4	20
354	MassExodus: modeling evolving networks in harsh environments. *Data Mining and Knowledge Discovery*, **2015**, 29, 1211-1232	5.6	3
353	Mining and Forecasting of Big Time-series Data **2015**,		22
352	Modeling Website Popularity Competition in the Attention-Activity Marketplace **2015**,		8
351	Universal and Distinct Properties of Communication Dynamics. *ACM Transactions on Knowledge Discovery From Data*, **2015**, 9, 1-31	4	4
350	HaTen2: Billion-scale tensor decompositions **2015**,		55
349	Estimating robustness in large social graphs. *Knowledge and Information Systems*, **2015**, 45, 645-678	2.4	15
348	An analysis on information diffusion through BlogCast in a blogosphere. *Information Sciences*, **2015**, 290, 45-62	7.7	17

347	The Web as a Jungle **2015**,		26
346	Summarizing and understanding large graphs. *Statistical Analysis and Data Mining*, **2015**, 8, 183-202	1.4	39
345	A General Suspiciousness Metric for Dense Blocks in Multimodal Data **2015**,		42
344	Location based Social Network analysis using Tensors and Signal Processing tools **2015**,		4
343	Anomaly detection in dynamic networks: a survey. *Wiley Interdisciplinary Reviews: Computational Statistics*, **2015**, 7, 223-247	1.4	154
342	RSC **2015**,		30
341	Scalable community discovery from multi-faceted graphs **2015**,		3
340	Perseus. *Proceedings of the VLDB Endowment*, **2015**, 8, 1924-1927	3.1	14
339	If walls could talk **2015**,		17
338	TimeCrunch **2015**,		64
337	ND-Sync: Detecting Synchronized Fraud Activities. *Lecture Notes in Computer Science*, **2015**, 201-214	0.9	14
336	SocNL: Bayesian Label Propagation with Confidence. *Lecture Notes in Computer Science*, **2015**, 633-645	0.9	4
335	. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 350-362	4.2	30
334	Topological properties of robust biological and computational networks. *Journal of the Royal Society Interface*, **2014**, 11, 20140283	4.1	21
333	. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 3077-3089	4.2	67
332	On Constructing Seminal Paper Genealogy. *IEEE Transactions on Cybernetics*, **2014**, 44, 54-65	10.2	4
331	VoidWiz: Resolving incompleteness using network effects **2014**,		2
330	Detecting anomalies in dynamic rating data **2014**,		20

329	Parallel Randomly Compressed Cubes : A scalable distributed architecture for big tensor decomposition. *IEEE Signal Processing Magazine*, **2014**, 31, 57-70	9.4	44
328	CoBaFi **2014**,		25
327	QuMinS: Fast and scalable querying, mining and summarizing multi-modal databases. *Information Sciences*, **2014**, 264, 211-229	7.7	2
326	Data-driven topology estimation **2014**,		6
325	Speed up of data-driven state estimation using low-complexity indexing method **2014**,		1
324	Trust prediction using positive, implicit, and negative information **2014**,		4
323	SharkFin: Spatio-temporal mining of software adoption and penetration. *Social Network Analysis and Mining*, **2014**, 4, 1	2.2	
322	Robust multivariate autoregression for anomaly detection in dynamic product ratings **2014**,		13
321	Spotting misbehaviors in location-based social networks using tensors **2014**,		25
320	AutoPlait **2014**,		56
319	CatchSync **2014**,		78
318	VOG: Summarizing and Understanding Large Graphs **2014**,		44
317	Turbo-SMT: Accelerating Coupled Sparse Matrix-Tensor Factorizations by 200□**2014**, 2014, 118-126	0.8	28
316	Good-Enough Brain Model: Challenges, Algorithms, and Discoveries in Multisubject Experiments. *Big Data*, **2014**, 2, 216-29	3.1	1
315	Detecting suspicious following behavior in multimillion-node social networks **2014**,		16
314	FUNNEL **2014**,		44
313	FlexiFaCT: Scalable Flexible Factorization of Coupled Tensors on Hadoop **2014**,		55
312	Spotting Suspicious Link Behavior with fBox: An Adversarial Perspective **2014**,		40

311	Good-enough brain model **2014**,		7
310	Efficiently spotting the starting points of an epidemic in a large graph. *Knowledge and Information Systems*, **2014**, 38, 35-59	2.4	42
309	Accurate Approximation of the Earth Mover's Distance in Linear Time. *Journal of Computer Science and Technology*, **2014**, 29, 142-154	1.7	1
308	Beyond Poisson: Modeling Inter-Arrival Time of Requests in a Datacenter. *Lecture Notes in Computer Science*, **2014**, 198-209	0.9	17
307	Com2: Fast Automatic Discovery of Temporal ('Comet') Communities. *Lecture Notes in Computer Science*, **2014**, 271-283	0.9	41
306	MalSpot: Multi2 Malicious Network Behavior Patterns Analysis. *Lecture Notes in Computer Science*, **2014**, 1-14	0.9	16
305	Inferring Strange Behavior from Connectivity Pattern in Social Networks. *Lecture Notes in Computer Science*, **2014**, 126-138	0.9	36
304	Net-Ray: Visualizing and Mining Billion-Scale Graphs. *Lecture Notes in Computer Science*, **2014**, 348-361	0.9	11
303	Influence Propagation: Patterns, Model and a Case Study. *Lecture Notes in Computer Science*, **2014**, 386-397	0.9	3
302	MidiFind: Similarity Search and Popularity Mining in Large MIDI Databases. *Lecture Notes in Computer Science*, **2014**, 259-276	0.9	2
301	Revisit Behavior in Social Media: The Phoenix-R Model and Discoveries. *Lecture Notes in Computer Science*, **2014**, 386-401	0.9	10
300	Beyond Blocks: Hyperbolic Community Detection. *Lecture Notes in Computer Science*, **2014**, 50-65	0.9	15
299	Interestingness-Driven Diffusion Process Summarization in Dynamic Networks. *Lecture Notes in Computer Science*, **2014**, 597-613	0.9	19
298	Mining Tera-Scale Graphs with 'Pegasus' Algorithms and Discoveries **2014**, 75-99		1
297	Fault-Tolerant Concept Detection in Information Networks. *Lecture Notes in Computer Science*, **2014**, 410-421	0.9	
296	Detecting insider threats in a real corporate database of computer usage activity **2013**,		51
295	Big graph mining. *SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining*, **2013**, 14, 29-36	4.6	33
294	Anomaly, event, and fraud detection in large network datasets **2013**,		28

293	Mixed Membership Subspace Clustering **2013**,		3
292	Spatio-temporal mining of software adoption & penetration **2013**,		18
291	Standards for graph algorithm primitives **2013**,		41
290	Related Work and Concepts. *SpringerBriefs in Computer Science*, **2013**, 7-20	0.4	
289	Data Mining in Large Sets of Complex Data. *SpringerBriefs in Computer Science*, **2013**,	0.4	3
288	Smartphone viruses propagation on heterogeneous composite networks **2013**,		2
287	Why people hate your app **2013**,		206
286	Fast anomaly detection despite the duplicates **2013**,		7
285	Analysis of the reputation system and user contributions on a question answering website **2013**,		67
284	Network similarity via multiple social theories **2013**,		26
283	DeltaCon: A Principled Massive-Graph Similarity Function **2013**,		65
282	. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 1049-1060	14.2	70
281	Fractional Immunization in Networks **2013**,		29
280	CopyCatch **2013**,		127
279	NetSpot: Spotting Significant Anomalous Regions on Dynamic Networks **2013**,		44
278	The self-feeding process **2013**,		12
277	Mining Connection Pathways for Marked Nodes in Large Graphs **2013**,		23
276	Coercively adjusted auto regression model for forecasting in epilepsy EEG. *Computational and Mathematical Methods in Medicine*, **2013**, 2013, 545613	2.8	12

275	Patterns amongst Competing Task Frequencies: Super-Linearities, and the Almond-DG Model. *Lecture Notes in Computer Science*, **2013**, 201-212	0.9	8
274	F-Trail: Finding Patterns in Taxi Trajectories. *Lecture Notes in Computer Science*, **2013**, 86-98	0.9	8
273	EEG-MINE: Mining and Understanding Epilepsy Data. *Lecture Notes in Computer Science*, **2013**, 155-167	0.9	1
272	A Highly Scalable and Adaptable Co-Learning Framework on Multimodal Data Mining in a Multimedia Database **2013**, 567-586		
271	QMAS. *SpringerBriefs in Computer Science*, **2013**, 93-109	0.4	
270	gbase: an efficient analysis platform for large graphs. *VLDB Journal*, **2012**, 21, 637-650	3.9	35
269	Threshold conditions for arbitrary cascade models on arbitrary networks. *Knowledge and Information Systems*, **2012**, 33, 549-575	2.4	71
268	Rise and fall patterns of information diffusion **2012**,		167
267	Managing and mining large graphs **2012**,		6
266	**2012**,		24
265	Gelling, and melting, large graphs by edge manipulation **2012**,		102
264	Gateway finder in large graphs: problem definitions and fast solutions. *Information Retrieval*, **2012**, 15, 391-411	1.8	9
263	Understanding and managing cascades on large graphs. *Proceedings of the VLDB Endowment*, **2012**, 5, 2024-2025	3.1	4
262	Competing memes propagation on networks. *Computer Communication Review*, **2012**, 42, 5-12	1.4	31
261	Winner takes all **2012**,		73
260	ParCube: Sparse Parallelizable Tensor Decompositions. *Lecture Notes in Computer Science*, **2012**, 521-536	0.9	72
259	RolX **2012**,		164
258	Interacting viruses in networks **2012**,		53

257	RainMon **2012**,		14
256	Forecasting in the NBA and other team sports. *ACM Transactions on Knowledge Discovery From Data* , **2012**, 6, 1-27	4	18
255	Fast and reliable anomaly detection in categorical data **2012**,		49
254	Fast mining and forecasting of complex time-stamped events **2012**,		59
253	GigaTensor **2012**,		133
252	OPAvion **2012**,		15
251	TensorSplat: Spotting Latent Anomalies in Time **2012**,		20
250	Top-N recommendation through belief propagation **2012**,		13
249	TourViz **2012**,		7
248	Fast Robustness Estimation in Large Social Graphs: Communities and Anomaly Detection **2012**,		15
247	MultiAspectForensics: mining large heterogeneous networks using tensor. *International Journal of Web Engineering and Technology*, **2012**, 7, 302	0.3	4
246	PICS: Parameter-free Identification of Cohesive Subgroups in Large Attributed Graphs **2012**,		55
245	Spotting Culprits in Epidemics: How Many and Which Ones? **2012**,		100
244	Quantifying Reciprocity in Large Weighted Communication Networks. *Lecture Notes in Computer Science*, **2012**, 85-96	0.9	22
243	TWave: high-order analysis of functional MRI. *NeuroImage*, **2011**, 58, 537-48	7.9	12
242	**2011**,		27
241	Apolo **2011**,		93
240	WindMine: Fast and Effective Mining of Web-click Sequences **2011**,		4

239	Polonium: Tera-Scale Graph Mining and Inference for Malware Detection **2011**,		69
238	Outlier detection by example. *Journal of Intelligent Information Systems*, **2011**, 36, 217-247	2.1	8
237	PEGASUS: mining peta-scale graphs. *Knowledge and Information Systems*, **2011**, 27, 303-325	2.4	88
236	Spectral counting of triangles via element-wise sparsification and triangle-based link recommendation. *Social Network Analysis and Mining*, **2011**, 1, 75-81	2.2	26
235	Mobile Phone Graph Evolution: Findings, Model and Interpretation **2011**,		1
234	Threshold Conditions for Arbitrary Cascade Models on Arbitrary Networks **2011**,		58
233	Beyond 'Caveman Communities': Hubs and Spokes for Graph Compression and Mining **2011**,		64
232	Recommending People in Developers' Collaboration Network **2011**,		35
231	Constructing seminal paper genealogy **2011**,		3
230	BlogCast effect on information diffusion in a blogosphere **2011**,		2
229	GBASE **2011**,		65
228	A linear-time approximation of the earth mover's distance **2011**,		6
227	Apolo **2011**,		9
226	Clustering very large multi-dimensional datasets with MapReduce **2011**,		48
225	Human Dynamics in Large Communication Networks **2011**,		5
224	Non-binary information propagation: Modeling BGP routing churn **2011**,		3
223	MultiAspectForensics: Pattern Mining on Large-Scale Heterogeneous Networks with Tensor Analysis **2011**,		60
222	ThermoCast **2011**,		57

221	It's who you know **2011**,		108
220	HADI. *ACM Transactions on Knowledge Discovery From Data*, **2011**, 5, 1-24	4	61
219	SBAD: Sequence Based Attack Detection via Sequence Comparison. *Lecture Notes in Computer Science*, **2011**, 78-91	0.9	4
218	Epidemic Spread in Mobile Ad Hoc Networks: Determining the Tipping Point. *Lecture Notes in Computer Science*, **2011**, 266-280	0.9	24
217	Spectral Analysis for Billion-Scale Graphs: Discoveries and Implementation. *Lecture Notes in Computer Science*, **2011**, 13-25	0.9	31
216	Unifying Guilt-by-Association Approaches: Theorems and Fast Algorithms. *Lecture Notes in Computer Science*, **2011**, 245-260	0.9	37
215	Statistical Properties of Social Networks **2011**, 17-42		18
214	SPEX2: automated concise extraction of spatial gene expression patterns from Fly embryo ISH images. *Bioinformatics*, **2010**, 26, i47-56	7.2	28
213	EigenSpokes: Surprising Patterns and Scalable Community Chipping in Large Graphs. *Lecture Notes in Computer Science*, **2010**, 435-448	0.9	56
212	Metric forensics **2010**,		25
211	Fast Discovery of Group Lag Correlations in Streams. *ACM Transactions on Knowledge Discovery From Data*, **2010**, 5, 1-43	4	2
210	Bayesian Browsing Model. *ACM Transactions on Knowledge Discovery From Data*, **2010**, 4, 1-26	4	12
209	EigenDiagnostics: Spotting Connection Patterns and Outliers in Large Graphs **2010**,		2
208	**2010**,		7
207	On the Vulnerability of Large Graphs **2010**,		70
206	**2010**,		12
205	Patterns on the Connected Components of Terabyte-Scale Graphs **2010**,		21
204	QMAS: Querying, Mining and Summarization of Multi-modal Databases **2010**,		2

203	Fast algorithms for time series mining **2010**,		2
202	An Intrinsic Graphical Signature Based on Alert Correlation Analysis for Intrusion Detection **2010**,		4
201	Radius Plots for Mining Tera-byte Scale Graphs: Algorithms, Patterns, and Observations **2010**,		30
200	HCDF: A Hybrid Community Discovery Framework **2010**,		35
199	Parsimonious linear fingerprinting for time series. *Proceedings of the VLDB Endowment*, **2010**, 3, 385-3963.1		40
198	Time series analysis with multiple resolutions. *Information Systems*, **2010**, 35, 56-74	2.7	18
197	oddball: Spotting Anomalies in Weighted Graphs. *Lecture Notes in Computer Science*, **2010**, 410-421	0.9	207
196	BASSET: Scalable Gateway Finder in Large Graphs. *Lecture Notes in Computer Science*, **2010**, 449-463	0.9	4
195	Analysis of Large Multi-modal Social Networks: Patterns and a Generator. *Lecture Notes in Computer Science*, **2010**, 393-408	0.9	9
194	Surprising Patterns for the Call Duration Distribution of Mobile Phone Users. *Lecture Notes in Computer Science*, **2010**, 354-369	0.9	23
193	Virus Propagation on Time-Varying Networks: Theory and Immunization Algorithms. *Lecture Notes in Computer Science*, **2010**, 99-114	0.9	54
192	TWave: High-Order Analysis of Spatiotemporal Data. *Lecture Notes in Computer Science*, **2010**, 246-253	0.9	
191	Graph Mining: Laws and Generators. *The Kluwer International Series on Advances in Database Systems*, **2010**, 69-123		10
190	Community Evolution and Change Point Detection in Time-Evolving Graphs **2010**, 73-104		1
189	Proximity Tracking on Dynamic Bipartite Graphs: Problem Definitions and Fast Solutions **2010**, 211-236		1
188	SNARE **2009**,		34
187	BGP-lens **2009**,		21
186	iPoG **2009**,		7

185	TANGENT **2009**,		61
184	DynaMMo **2009**,		80
183	Tailoring click models to user goals **2009**,		20
182	Large human communication networks **2009**,		27
181	DOULION **2009**,		159
180	BBM **2009**,		32
179	RTG: a recursive realistic graph generator using random typing. *Data Mining and Knowledge Discovery*, **2009**, 19, 194-209	5.6	40
178	PEGASUS: A Peta-Scale Graph Mining System Implementation and Observations **2009**,		330
177	EigenSpokes: Surprising Patterns and Scalable Community Chipping in Large Graphs **2009**,		13
176	Spectral Counting of Triangles in Power-Law Networks via Element-Wise Sparsification **2009**,		16
175	Click chain model in web search **2009**,		112
174	ShatterPlots: Fast Tools for Mining Large Graphs **2009**,		6
173	RTG: A Recursive Realistic Graph Generator Using Random Typing. *Lecture Notes in Computer Science*, **2009**, 13-28	0.9	15
172	Direction-Aware Proximity on Graphs **2009**, 646-653		
171	Efficient Sensor Placement Optimization for Securing Large Water Distribution Networks. *Journal of Water Resources Planning and Management - ASCE*, **2008**, 134, 516-526	2.8	226
170	Incremental tensor analysis. *ACM Transactions on Knowledge Discovery From Data*, **2008**, 2, 1-37	4	132
169	GRAPHITE: A Visual Query System for Large Graphs **2008**,		27
168	Monitoring Network Evolution using MDL **2008**,		31

167	Compact Similarity Joins **2008**,		9
166	Outlier-robust clustering using independent components **2008**,		29
165	Unsupervised modeling and recognition of object categories with combination of visual contents and geometric similarity links **2008**,		7
164	Mobile call graphs **2008**,		101
163	Protein complex identification by supervised graph local clustering. *Bioinformatics*, **2008**, 24, i250-8	7.2	83
162	Using ghost edges for classification in sparsely labeled networks **2008**,		88
161	Cut-and-stitch **2008**,		4
160	Colibri **2008**,		58
159	Fast mining of complex time-stamped events **2008**,		5
158	A novel optimization approach to efficiently process aggregate similarity queries in metric access methods **2008**,		11
157	Epidemic thresholds in real networks. *ACM Transactions on Information and System Security*, **2008**, 10, 1-26		438
156	Weighted graphs and disconnected components **2008**,		64
155	Unsupervised modeling of object categories using link analysis techniques **2008**,		2
154	Bayesian tensor analysis **2008**,		11
153	Toward a Comprehensive Model in Internet Auction Fraud Detection **2008**,		15
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