Li Xiong

List of Publications by Citations

144	3,692	30	57
papers	citations	h-index	g-index
158	4,498	2.9	5.88
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
144	PeerTrust: supporting reputation-based trust for peer-to-peer electronic communities. *IEEE Transactions on Knowledge and Data Engineering*, **2004**, 16, 843-857	4.2	978
143	Protecting Locations with Differential Privacy under Temporal Correlations **2015**,		174
142	TrustGuard **2005**,		149
141	Spatial Task Assignment for Crowd Sensing with Cloaked Locations **2014**,		121
140	p90 ribosomal S6 kinase 2 promotes invasion and metastasis of human head and neck squamous cell carcinoma cells. *Journal of Clinical Investigation*, **2010**, 120, 1165-77	15.9	114
139	Aesthetic-based Clothing Recommendation **2018**,		93
138	The glycolytic inhibitor 2-deoxyglucose activates multiple prosurvival pathways through IGF1R. *Journal of Biological Chemistry*, **2009**, 284, 23225-33	5.4	88
137	Publishing set-valued data via differential privacy. *Proceedings of the VLDB Endowment*, **2011**, 4, 1087-1098	3.8	85
136	An Adaptive Approach to Real-Time Aggregate Monitoring With Differential Privacy. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2094-2106	4.2	72
135	Participant Privacy in Mobile Crowd Sensing Task Management. *SIGMOD Record*, **2016**, 44, 23-34	1.1	65
134	Differentially Private Data Release through Multidimensional Partitioning. *Lecture Notes in Computer Science*, **2010**, 150-168	0.9	61
133	WebDISCO: a web service for distributed cox model learning without patient-level data sharing. *Journal of the American Medical Informatics Association: JAMIA*, **2015**, 22, 1212-9	8.6	58
132	Quantifying Differential Privacy under Temporal Correlations. *Proceedings - International Conference on Data Engineering*, **2017**, 2017, 821-832	2	48
131	A Comprehensive Comparison of Multiparty Secure Additions with Differential Privacy. *IEEE Transactions on Dependable and Secure Computing*, **2017**, 14, 463-477	3.9	47
130	Differentially private distributed logistic regression using private and public data. *BMC Medical Genomics*, **2014**, 7 Suppl 1, S14	3.7	44
129	An integrated framework for de-identifying unstructured medical data. *Data and Knowledge Engineering*, **2009**, 68, 1441-1451	1.5	41
128	Real-time aggregate monitoring with differential privacy **2012**,		39

127	Finding Pareto optimal groups. *Proceedings of the VLDB Endowment*, **2015**, 8, 2086-2097	3.1	38
126	A reputation-based trust model for peer-to-peer e-commerce communities		37
125	Quantifying Differential Privacy in Continuous Data Release Under Temporal Correlations. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 1281-1295	4.2	36
124	Secure Skyline Queries on Cloud Platform. *Proceedings - International Conference on Data Engineering*, **2017**, 2017, 633-644	2	34
123	Monitoring web browsing behavior with differential privacy **2014**,		34
122	Service-Oriented Architecture for High-Dimensional Private Data Mashup. *IEEE Transactions on Services Computing*, **2012**, 5, 373-386	4.8	32
121	Fine-grained record integration and linkage tool. *Birth Defects Research Part A: Clinical and Molecular Teratology*, **2008**, 82, 822-9		32
120	Privacy-Preserving Online Task Assignment in Spatial Crowdsourcing with Untrusted Server **2018**,		32
119	A two-phase algorithm for mining sequential patterns with differential privacy **2013**,		31
118	HIDE: An Integrated System for Health Information DE-identification **2008**,		31
117	Differentially Private Distributed Online Learning. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 1440-1453	4.2	30
116	Dynamic Data Driven Crowd Sensing Task Assignment. *Procedia Computer Science*, **2014**, 29, 1314-1323	1.6	30
115	Preserving data privacy in outsourcing data aggregation services. *ACM Transactions on Internet Technology*, **2007**, 7, 17	3.8	30
114	Protecting genomic data analytics in the cloud: state of the art and opportunities. *BMC Medical Genomics*, **2016**, 9, 63	3.7	30
113	Secure multiparty aggregation with differential privacy **2013**,		29
112	m -Privacy for Collaborative Data Publishing. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2520-2533	4.2	26
111	SHARE: system design and case studies for statistical health information release. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 109-16	8.6	26
110	Distributed Anonymization: Achieving Privacy for Both Data Subjects and Data Providers. *Lecture Notes in Computer Science*, **2009**, 191-207	0.9	26

109	Differentially Private Multi-dimensional Time Series Release for Traffic Monitoring. *Lecture Notes in Computer Science*, **2013**, 33-48	0.9	26
108	LocLok. *Proceedings of the VLDB Endowment*, **2017**, 10, 1901-1904	3.1	24
107	DPSynthesizer: Differentially Private Data Synthesizer for Privacy Preserving Data Sharing. *Proceedings of the VLDB Endowment*, **2014**, 7, 1677-1680	3.1	24
106	FAST **2013**,		24
105	Differentially Private Histogram Publication For Dynamic Datasets: An Adaptive Sampling Approach **2015**, 2015, 1001-1010	4.5	23
104	FastGeo: Efficient Geometric Range Queries on Encrypted Spatial Data. *IEEE Transactions on Dependable and Secure Computing*, **2019**, 16, 245-258	3.9	23
103	Homozygous deletion of SMAD4 in breast cancer cell lines and invasive ductal carcinomas. *Cancer Biology and Therapy*, **2006**, 5, 601-7	4.6	22
102	Anonymizing user profiles for personalized web search **2010**,		21
101	k nearest neighbor classification across multiple private databases **2006**,		17
100	Mining multiple private databases using a kNN classifier **2007**,		17
99	A Two-Phase Algorithm for Differentially Private Frequent Subgraph Mining. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 1411-1425	4.2	16
98	Differentially Private Frequent Sequence Mining. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 2910-2926	4.2	16
97	Differentially Private Frequent Subgraph Mining. *Proceedings - International Conference on Data Engineering*, **2016**, 2016, 229-240	2	16
96	Finding Probabilistic k-Skyline Sets on Uncertain Data **2015**,		15
95	DPCube: Releasing Differentially Private Data Cubes for Health Information **2012**,		15
94	Frequent grams based embedding for privacy preserving record linkage **2012**,		15
93	PriSTE: From Location Privacy to Spatiotemporal Event Privacy **2019**,		14
92	Secure and Efficient Skyline Queries on Encrypted Data. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 1397-1411	4.2	14

91	Truth discovery for spatio-temporal events from crowdsourced data. *Proceedings of the VLDB Endowment*, **2017**, 10, 1562-1573	3.1	14
90	Privacy preserving RBF kernel support vector machine. *BioMed Research International*, **2014**, 2014, 827371	3	14
89	FRIL: A tool for comparative record linkage **2008**, 440-4	0.7	14
88	CP-ORTHO **2017**,		13
87	Fast Algorithms for Pareto Optimal Group-based Skyline **2017**,		13
86	Privacy-Preserving Tensor Factorization for Collaborative Health Data Analysis **2019**, 2019, 1291-1300	4.5	13
85	Database Fragmentation with Confidentiality Constraints **2015**,		12
84	Providing Input-Discriminative Protection for Local Differential Privacy **2020**,		12
83	Faster output-sensitive skyline computation algorithm. *Information Processing Letters*, **2014**, 114, 710-713	0.8	12
82	Crowdsourcing Under Data Poisoning Attacks: A Comparative Study. *Lecture Notes in Computer Science*, **2020**, 310-332	0.9	12
81	Differentially Private Frequent Sequence Mining via Sampling-based Candidate Pruning. *Proceedings - International Conference on Data Engineering*, **2015**, 2015, 1035-1046	2	11
80	m-Privacy for Collaborative Data Publishing **2011**,		11
79	Frequent pattern mining for kernel trace data **2008**,		11
78	Differentially Private Synthesization of Multi-Dimensional Data using Copula Functions **2014**, 2014, 475-486		11
77	Partitioning-based mechanisms under personalized differential privacy. *Lecture Notes in Computer Science*, **2017**, 10234, 615-627	0.9	10
76	Mining frequent patterns with differential privacy. *Proceedings of the VLDB Endowment*, **2013**, 6, 1422-1427	3.7	10
75	Supporting Both Range Queries and Frequency Estimation with Local Differential Privacy **2019**,		9
74	Protecting Spatiotemporal Event Privacy in Continuous Location-Based Services. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	9

73	Differentially Private Anomaly Detection with a Case Study on Epidemic Outbreak Detection **2013**,		9
72	Anonymizing data with quasi-sensitive attribute values **2010**,		9
71	Topk Queries across Multiple Private Databases		9
70	Privacy preserving distributed DBSCAN clustering **2012**,		8
69	Countering feedback sparsity and manipulation in reputation systems **2007**,		8
68	Enabling mutually private location proximity services in smart cities: A comparative assessment **2016**,		8
67	Privacy-Preserving IR 2016 **2016**,		8
66	Skyline Diagram: Finding the Voronoi Counterpart for Skyline Queries **2018**,		8
65	PREDICT: Privacy and Security Enhancing Dynamic Information Collection and Monitoring. *Procedia Computer Science*, **2013**, 18, 1979-1988	1.6	7
64	STAC **2015**,		7
63	Privacy-preserving inference of social relationships from location data **2015**,		7
62	LinkIT **2013**,		7
61	REACT. *SIGSPATIAL Special*, **2020**, 12, 3-14	2.3	7
60	Generating sequential electronic health records using dual adversarial autoencoder. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 1411-1419	8.6	7
59	PriSTE. *Proceedings of the VLDB Endowment*, **2019**, 12, 1866-1869	3.1	7
58	Optimal group route query: Finding itinerary for group of users in spatial databases. *GeoInformatica* , **2018**, 22, 845-867	2.5	7
57	D-Grid: An In-Memory Dual Space Grid Index for Moving Object Databases **2016**,		6
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53	HIDE **2009**,		6
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51	Security and Privacy Dimensions in Next Generation DDDAS/Infosymbiotic Systems: A Position Paper. *Procedia Computer Science*, **2015**, 51, 2483-2492	1.6	5
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49	Automatic link detection **2009**,		5
48	NNexus: An Automatic Linker for Collaborative Web-Based Corpora. *IEEE Transactions on Knowledge and Data Engineering*, **2009**, 21, 829-839	4.2	5
47	ExchangeGuard: a distributed protocol for electronic fair-exchange		5
46	PANDA. *Proceedings of the VLDB Endowment*, **2020**, 13, 3001-3004	3.1	5
45	Speed Partitioning for Indexing Moving Objects. *Lecture Notes in Computer Science*, **2015**, 216-234	0.9	5
44	Regularizing Neural Networks via Minimizing Hyperspherical Energy **2020**,		5
43	Transparent Contribution Evaluation for Secure Federated Learning on Blockchain **2021**,		5
42	Efficient Contour Computation of Group-Based Skyline. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 1317-1332	4.2	5
41	Visually aware recommendation with aesthetic features. *VLDB Journal*, **2021**, 30, 495-513	3.9	5
40	Harnessing personal data from Internet of Things: Privacy enhancing dynamic information monitoring **2015**,		4
39	DObjects+: Enabling Privacy-Preserving Data Federation Services **2012**,		4
38	Information Sharing across Private Databases: Secure Union Revisited **2011**,		4

37	Towards privacy-preserving integration of distributed heterogeneous data **2008**,		4
36	DObjects: Enabling Distributed Data Services for Metacomputing Platforms. *Lecture Notes in Computer Science*, **2008**, 136-145	0.9	4
35	Efficient logging and querying for blockchain-based cross-site genomic dataset access audit. *BMC Medical Genomics*, **2020**, 13, 91	3.7	4
34	Benchmarking blockchain-based gene-drug interaction data sharing methods: A case study from the iDASH 2019 secure genome analysis competition blockchain track. *International Journal of Medical Informatics*, **2021**, 154, 104559	5.3	4
33	An evaluation of feature sets and sampling techniques for de-identification of medical records **2010**,		3
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30	DObjects. *Proceedings of the VLDB Endowment*, **2008**, 1, 1432-1435	3.1	3
29	Generating Adversarial Examples with Distance Constrained Adversarial Imitation Networks. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 1-1	3.9	3
28	REACT: Real-Time Contact Tracing and Risk Monitoring via Privacy-Enhanced Mobile Tracking **2021**,		3
27	Skyline Diagram: Efficient Space Partitioning for Skyline Queries. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 33, 271-286	4.2	3
26	Group-Based Skyline for Pareto Optimal Groups. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 33, 2914-2929	4.2	3
25	ConTPL: Controlling Temporal Privacy Leakage in Differentially Private Continuous Data Release. *Proceedings of the VLDB Endowment*, **2018**, 11, 2090-2093	3.1	2
24	Dynamic Query Processing for P2P Data Services in the Cloud. *Lecture Notes in Computer Science*, **2009**, 396-411	0.9	2
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21	A Quantitative Approach for Evaluating the Utility of a Differentially Private Behavioral Science Dataset **2014**,		1
20	A privacy framework **2013**,		1

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17	Report on international workshop on privacy and anonymity in the information society (PAIS 2008). *SIGMOD Record*, **2009**, 37, 108-111	1.1	1
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14	PGLP: Customizable and Rigorous Location Privacy Through Policy Graph. *Lecture Notes in Computer Science*, **2020**, 655-676	0.9	1
13	Adapting Commit Protocols for Large-Scale and Dynamic Distributed Applications. *Lecture Notes in Computer Science*, **2008**, 465-474	0.9	1
12	Secure Similarity Queries: Enabling Precision Medicine with Privacy. *Lecture Notes in Computer Science*, **2016**, 61-70	0.9	1
11	Towards Secure Cloud Database with Fine-Grained Access Control. *Lecture Notes in Computer Science*, **2014**, 324-338	0.9	1
10	Communication Efficient Federated Generalized Tensor Factorization for Collaborative Health Data Analytics **2021**, 2021, 171-182		1
9	A Review of Privacy Preserving Mechanisms for Record Linkage **2015**, 233-265		0
8	Projected federated averaging with heterogeneous differential privacy. *Proceedings of the VLDB Endowment*, **2021**, 15, 828-840	3.1	0
7	Privacy-preserving Sequential Pattern Mining in distributed EHRs for Predicting Cardiovascular Disease. *AMIA Summits on Translational Science Proceedings*, **2021**, 2021, 384-393	1.1	
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5	Mutually Private Location Proximity Detection with Access Control. *Lecture Notes in Computer Science*, **2017**, 164-184	0.9	
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