

Xiaolin Li

List of Publications by Year in descending order

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56
papers

2,736
citations

623734

14
h-index

642732

23
g-index

82
all docs

82
docs citations

82
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	A Praise for Defensive Programming: Leveraging Uncertainty for Effective Malware Mitigation. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 353-369.	5.4	2
2	Deep Learning in Drug Design: Protein-Ligand Binding Affinity Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 407-417.	3.0	25
3	Learning Fast and Slow: Propedeutica for Real-Time Malware Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2518-2529.	11.3	4
4	Decision analysis and reinforcement learning in surgical decision-making. Surgery, 2020, 168, 253-266.	1.9	18
5	Comparing clinical judgment with the MySurgeryRisk algorithm for preoperative risk assessment: A pilot usability study. Surgery, 2019, 165, 1035-1045.	1.9	59
6	DeepAtom: A Framework for Protein-Ligand Binding Affinity Prediction. , 2019, , .		40
7	Adversarial Examples: Attacks and Defenses for Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2805-2824.	11.3	921
8	MySurgeryRisk: Development and Validation of a Machine-learning Risk Algorithm for Major Complications and Death After Surgery. Annals of Surgery, 2019, 269, 652-662.	4.2	197
9	Maximizing positive influence spread in online social networks via fluid dynamics. Future Generation Computer Systems, 2018, 86, 1491-1502.	7.5	34
10	Predicting the clinical impact of human mutation with deep neural networks. Nature Genetics, 2018, 50, 1161-1170.	21.4	288
11	Enhancing Localization Scalability and Accuracy via Opportunistic Sensing. IEEE/ACM Transactions on Networking, 2018, 26, 1517-1530.	3.8	6
12	DeepBipolar: Identifying genomic mutations for bipolar disorder via deep learning. Human Mutation, 2017, 38, 1217-1224.	2.5	38
13	Single Shot Text Detector with Regional Attention. , 2017, , .		227
14	The dose makes the poison " Leveraging uncertainty for effective malware detection. , 2017, , .		2
15	Identifying Nontechnical Power Loss via Spatial and Temporal Deep Learning. , 2016, , .		58
16	iMiner: Sub-room-level POI interaction detection for semantic location history construction. , 2016, , .		2
17	Enhancing smartphone indoor localization via opportunistic sensing. , 2016, , .		8
18	Guoguo: Enabling Fine-Grained Smartphone Localization via Acoustic Anchors. IEEE Transactions on Mobile Computing, 2016, 15, 1144-1156.	5.8	76

#	ARTICLE	IF	CITATIONS
19	Enabling Context-Aware Indoor Augmented Reality via Smartphone Sensing and Vision Tracking. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 12, 1-23.	4.3	9
20	Exploring Fine-Grained Resource Rental Planning in Cloud Computing. IEEE Transactions on Cloud Computing, 2015, 3, 304-317.	4.4	20
21	Palantir: Reseizing Network Proximity in Large-Scale Distributed Computing Frameworks Using SDN. , 2014, , .		5
22	Control of photo sharing over Online Social Networks. , 2014, , .		4
23	VectorTrust: trust vector aggregation scheme for trust management in peer-to-peer networks. Journal of Supercomputing, 2013, 64, 805-829.	3.6	31
24	Improving GPS Service via Social Collaboration. , 2013, , .		3
25	Towards accurate acoustic localization on a smartphone. , 2013, , .		34
26	cTrust: Trust Management in Cyclic Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 2792-2806.	6.3	25
27	Guoguo. , 2013, , .		154
28	User-centric private matching for eHealth networks - A social perspective. , 2012, , .		10
29	Acoustic ranging and communication via microphone channel. , 2012, , .		10
30	CloudBay: Enabling an Online Resource Market Place for Open Clouds. , 2012, , .		12
31	VitalTrack: A Doppler radar sensor platform for monitoring activity levels. , 2012, , .		11
32	Designing Flexible Resource Rental Models for Implementing HPC-as-a-Service in Cloud. , 2012, , .		4
33	An incentive mechanism to reinforce truthful reports in reputation systems. Journal of Network and Computer Applications, 2012, 35, 951-961.	9.1	31
34	EPC: Energy-Aware Probability-Based Clustering Algorithm for Correlated Data Gathering in Wireless Sensor Networks. , 2011, , .		5
35	A taxonomy of peer-to-peer desktop grid paradigms. Cluster Computing, 2011, 14, 129-144.	5.0	14
36	PPDD: scheduling multi-site divisible loads in single-level tree networks. Cluster Computing, 2010, 13, 31-46.	5.0	8

#	ARTICLE	IF	CITATIONS
37	WIM: A Wage-Based Incentive Mechanism for Reinforcing Truthful Feedbacks in Reputation Systems. , 2010, , .		4
38	AuctionNet: Market oriented task scheduling in heterogeneous distributed environments. , 2010, , .		3
39	Hypergraph-based task-bundle scheduling towards efficiency and fairness in heterogeneous distributed systems. , 2010, , .		8
40	VectorTrust: Trust Vector Aggregation Scheme for Trust Management in Peer-to-Peer Networks. , 2009, , .		16
41	H-Trust: A Group Trust Management System for Peer-to-Peer Desktop Grid. Journal of Computer Science and Technology, 2009, 24, 833-843.	1.5	19
42	Efficient Grid Task-Bundle Allocation Using Bargaining Based Self-Adaptive Auction. , 2009, , .		14
43	TinyBee: Mobile-Agent-Based Data Gathering System in Wireless Sensor Networks. , 2009, , .		12
44	Load Scheduling Strategies for Parallel DNA Sequencing Applications. , 2009, , .		4
45	H-Trust: A Robust and Lightweight Group Reputation System for Peer-to-Peer Desktop Grid. , 2008, , .		17
46	A Personalized Group Trust Management System for Collaborative Services. , 2008, , .		0
47	GridMate: A Portable Simulation Environment for Large-Scale Adaptive Scientific Applications. , 2008, , .		0
48	DLBEM: Dynamic load balancing using expectation-maximization. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	8
49	Power-Aware Markov Chain Based Tracking Approach for Wireless Sensor Networks. , 2007, , .		17
50	Minimizing Distribution Cost of Distributed Neural Networks in Wireless Sensor Networks. , 2007, , .		6
51	Hybrid Runtime Management of Space-Time Heterogeneity for Parallel Structured Adaptive Applications. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1202-1214.	5.6	6
52	Sensing Workload Scheduling in Sensor Networks Using Divisible Load Theory. , 2007, , .		13
53	S3PAS: A Scalable Shoulder-Surfing Resistant Textual-Graphical Password Authentication Scheme. , 2007, , .		110
54	Autonomic Sensor Networks: A New Paradigm for Collaborative Information Processing. , 2006, , .		5

#	ARTICLE	IF	CITATIONS
55	Plane Wave Seismic Data: Parallel and Adaptive Strategies for Velocity Analysis and Imaging. , 0, , 45-63.		0
56	Wiley Series on Parallel and Distributed Computing. , 0, , 519-520.		0