

# Xiaolin Li

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Adversarial Examples: Attacks and Defenses for Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2805-2824.	11.3	921
2	Predicting the clinical impact of human mutation with deep neural networks. Nature Genetics, 2018, 50, 1161-1170.	21.4	288
3	Single Shot Text Detector with Regional Attention. , 2017, , .		227
4	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
5	Guoguo. , 2013, , .		154
6	S3PAS: A Scalable Shoulder-Surfing Resistant Textual-Graphical Password Authentication Scheme. , 2007, , .		110
7	Guoguo: Enabling Fine-Grained Smartphone Localization via Acoustic Anchors. IEEE Transactions on Mobile Computing, 2016, 15, 1144-1156.	5.8	76
8	Comparing clinical judgment with the MySurgeryRisk algorithm for preoperative risk assessment: A pilot usability study. Surgery, 2019, 165, 1035-1045.	1.9	59
9	Identifying Nontechnical Power Loss via Spatial and Temporal Deep Learning. , 2016, , .		58
10	DeepAtom: A Framework for Protein-Ligand Binding Affinity Prediction. , 2019, , .		40
11	DeepBipolar: Identifying genomic mutations for bipolar disorder via deep learning. Human Mutation, 2017, 38, 1217-1224.	2.5	38
12	Towards accurate acoustic localization on a smartphone. , 2013, , .		34
13	Maximizing positive influence spread in online social networks via fluid dynamics. Future Generation Computer Systems, 2018, 86, 1491-1502.	7.5	34
14	An incentive mechanism to reinforce truthful reports in reputation systems. Journal of Network and Computer Applications, 2012, 35, 951-961.	9.1	31
15	VectorTrust: trust vector aggregation scheme for trust management in peer-to-peer networks. Journal of Supercomputing, 2013, 64, 805-829.	3.6	31
16	cTrust: Trust Management in Cyclic Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 2792-2806.	6.3	25
17	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
18	Exploring Fine-Grained Resource Rental Planning in Cloud Computing. IEEE Transactions on Cloud Computing, 2015, 3, 304-317.	4.4	20

#	ARTICLE	IF	CITATIONS
19	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
20	Decision analysis and reinforcement learning in surgical decision-making. Surgery, 2020, 168, 253-266.	1.9	18
21	Power-Aware Markov Chain Based Tracking Approach for Wireless Sensor Networks. , 2007, , .		17
22	H-Trust: A Robust and Lightweight Group Reputation System for Peer-to-Peer Desktop Grid. , 2008, , .		17
23	VectorTrust: Trust Vector Aggregation Scheme for Trust Management in Peer-to-Peer Networks. , 2009, , .		16
24	Efficient Grid Task-Bundle Allocation Using Bargaining Based Self-Adaptive Auction. , 2009, , .		14
25	A taxonomy of peer-to-peer desktop grid paradigms. Cluster Computing, 2011, 14, 129-144.	5.0	14
26	Sensing Workload Scheduling in Sensor Networks Using Divisible Load Theory. , 2007, , .		13
27	TinyBee: Mobile-Agent-Based Data Gathering System in Wireless Sensor Networks. , 2009, , .		12
28	CloudBay: Enabling an Online Resource Market Place for Open Clouds. , 2012, , .		12
29	VitalTrack: A Doppler radar sensor platform for monitoring activity levels. , 2012, , .		11
30	User-centric private matching for eHealth networks - A social perspective. , 2012, , .		10
31	Acoustic ranging and communication via microphone channel. , 2012, , .		10
32	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
33	DLBEM: Dynamic load balancing using expectation-maximization. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	8
34	PPDD: scheduling multi-site divisible loads in single-level tree networks. Cluster Computing, 2010, 13, 31-46.	5.0	8
35	Hypergraph-based task-bundle scheduling towards efficiency and fairness in heterogeneous distributed systems. , 2010, , .		8
36	Enhancing smartphone indoor localization via opportunistic sensing. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
37	Minimizing Distribution Cost of Distributed Neural Networks in Wireless Sensor Networks. , 2007, , .		6
38	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
39	Enhancing Localization Scalability and Accuracy via Opportunistic Sensing. IEEE/ACM Transactions on Networking, 2018, 26, 1517-1530.	3.8	6
40	Autonomic Sensor Networks: A New Paradigm for Collaborative Information Processing. , 2006, , .		5
41	EPC: Energy-Aware Probability-Based Clustering Algorithm for Correlated Data Gathering in Wireless Sensor Networks. , 2011, , .		5
42	Palantir: Reseizing Network Proximity in Large-Scale Distributed Computing Frameworks Using SDN. , 2014, , .		5
43	Load Scheduling Strategies for Parallel DNA Sequencing Applications. , 2009, , .		4
44	WIM: A Wage-Based Incentive Mechanism for Reinforcing Truthful Feedbacks in Reputation Systems. , 2010, , .		4
45	Designing Flexible Resource Rental Models for Implementing HPC-as-a-Service in Cloud. , 2012, , .		4
46	Control of photo sharing over Online Social Networks. , 2014, , .		4
47	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
48	AuctionNet: Market oriented task scheduling in heterogeneous distributed environments. , 2010, , .		3
49	Improving GPS Service via Social Collaboration. , 2013, , .		3
50	iMiner: Sub-room-level POI interaction detection for semantic location history construction. , 2016, , .		2
51	The dose makes the poison “ Leveraging uncertainty for effective malware detection. , 2017, , .		2
52	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
53	A Personalized Group Trust Management System for Collaborative Services. , 2008, , .		0
54	GridMate: A Portable Simulation Environment for Large-Scale Adaptive Scientific Applications. , 2008, , .		0

#	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