Hao Yin

List of Publications by Year
in descending order

66	1,300	623734	434195
papers	citations	14	31
		h-index	g-index

66	66	66	1460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Light Weight Statistical Latency Measurement Platform at Scale. IEEE Transactions on Industrial Informatics, 2021, , 1-1.	11.3	1
2	Jupiter: a modern federated learning platform for regional medical care. Science China Information Sciences, 2021, 64, 1.	4.3	6
3	*SSL*: A *S*urrogate-Based Method for Large-Scale *S*tatistical *Latency* Measurement. IEEE Transactions on Services Computing, 2020, 13, 958-968.	4.6	14
4	FDC: A Secure Federated Deep Learning Mechanism for Data Collaborations in the Internet of Things. IEEE Internet of Things Journal, 2020, 7, 6348-6359.	8.7	98
5	AMACS: Automated Mobile Application Content Sensing. IEEE Transactions on Computational Social Systems, 2020, 7, 275-284.	4.4	1
6	Securing Data With Blockchain and AI. IEEE Access, 2019, 7, 77981-77989.	4.2	36
7	Improving Cloud Gaming Experience through Mobile Edge Computing. IEEE Wireless Communications, 2019, 26, 178-183.	9.0	91
8	A data-driven and the deep learning based CDN recommendation framework for ICPs. Peer-to-Peer Networking and Applications, 2019, 12, 1445-1453.	3.9	2
9	Energy-Aware Dual-Path Geographic Routing to Bypass Routing Holes in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1339-1352.	5.8	79
10	Enabling Collaborative Edge Computing for Software Defined Vehicular Networks. IEEE Network, 2018, 32, 112-117.	6.9	184
11	Video delivery networks: Challenges, solutions and future directions. Computers and Electrical Engineering, 2018, 66, 332-341.	4.8	22
12	What Makes a Great Mobile App? A Quantitative Study Using a New Mobile Crawler. , 2018, , .		10
13	Tradeoffs Between Cost and Performance for CDN Provisioning Based on Coordinate Transformation. IEEE Transactions on Multimedia, 2017, 19, 2583-2596.	7.2	13
14	Protecting Outsourced Data in Semi-Trustworthy Cloud: A Hierarchical System. , 2017, , .		0
15	Edge Provisioning with Flexible Server Placement. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1031-1045.	5.6	104
16	WVCC. , 2017, , .		0
17	Adaptive Content Management for UGC Video Delivery in Mobile Internet Era. Mobile Information Systems, 2016, 2016, 1-9.	0.6	1
18	Minimizing Content Reorganization and Tolerating Imperfect Workload Prediction for Cloud-Based Video-on-Demand Services. IEEE Transactions on Services Computing, 2016, 9, 926-939.	4.6	6

#	Article	IF	Citations
19	Delayâ€oriented powerâ€aware routing in wireless ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 334-339.	3.9	2
20	Demystifying commercial content delivery networks in China. Concurrency Computation Practice and Experience, 2015, 27, 3523-3538.	2.2	6
21	Network distance prediction for enabling service-oriented applications over large-scale networks. , 2015, 53, 166-174.		12
22	Big data: transforming the design philosophy of future internet. IEEE Network, 2014, 28, 14-19.	6.9	41
23	A suitable server placement for peer-to-peer live streaming. Journal of Supercomputing, 2013, 64, 1092-1107.	3.6	3
24	Caching in Information-Centric Networking: From a content delivery path perspective. , 2013, , .		2
25	Cooperative Caching Scheme for Content Oriented Networking. IEEE Communications Letters, 2013, 17, 781-784.	4.1	14
26	Smart switch: Optimize for green cellular networks. , 2013, , .		0
27	NetClust: A Framework for Scalable and Pareto-Optimal Media Server Placement. IEEE Transactions on Multimedia, 2013, 15, 2114-2124.	7.2	34
28	Adaptive resource management for P2P live streaming systems. Future Generation Computer Systems, 2013, 29, 1573-1582.	7.5	6
29	Discovering a Large Scale Internet Topology: Complementary and Contrast View. , 2012, , .		2
30	Dynamic Resource Provision in Multi-Channel P2P Live Streaming Systems. , 2010, , .		0
31	Analytical modelling of networks in multicomputer systems under bursty and batch arrival traffic. Journal of Supercomputing, 2010, 51, 115-130.	3.6	12
32	A secure multipath routing protocol in mobile <i>ad hoc</i> networks. Concurrency Computation Practice and Experience, 2010, 22, 481-502.	2.2	2
33	Providing key recovery capability for mobile communications. Security and Communication Networks, 2010, 3, 207-216.	1.5	0
34	Content delivery networks: a bridge between emerging applications and future IP networks. IEEE Network, 2010, 24, 52-56.	6.9	50
35	A Hybrid CDN-P2P System for Video-on-Demand. , 2010, , .		13
36	PMSAI: A Novel Peer-to-Peer Multimedia Streaming Architecture over IMS. , 2010, , .		1

#	Article	IF	Citations
37	Server Placement for Peer-to-Peer Live Streaming Systems. , 2010, , .		0
38	Performance Modelling and Analysis of Interconnection Networks with Spatio-Temporal Bursty Traffic. , 2009, , .		3
39	Optimizing availability and QoS of heterogeneous distributed system based on residual lifetime inÂuncertain environment. Journal of Supercomputing, 2009, 48, 243-263.	3.6	1
40	An Improved Markov Model for IEEE 802.15.4 Slotted CSMA/CA Mechanism. Journal of Computer Science and Technology, 2009, 24, 495-504.	1.5	35
41	An analytical model for torus networks in the presence of batch message arrivals with hot-spot destinations. International Journal of Automation and Computing, 2009, 6, 38-47.	4.5	4
42	Efficient user authentication and key management for peer-to-peer live streaming systems. Tsinghua Science and Technology, 2009, 14, 234-241.	6.1	6
43	Game-Based Trust Establishment for Mobile Ad Hoc Networks. , 2009, , .		10
44	A Novel and High-Quality Measurement Study of Commercial CDN-P2P Live Streaming. , 2009, , .		5
45	Design and deployment of a hybrid CDN-P2P system for live video streaming. , 2009, , .		167
46	A mutual authentication and privacy mechanism for WLAN security. Wireless Communications and Mobile Computing, 2008, 8, 101-112.	1.2	2
47	An Effective Framework for Delay Control in Hard Real-Time Switched Networks. , 2008, , .		0
48	VCNF: A Secure Video Conferencing System Based on P2P Technology. , 2008, , .		4
49	TrustStream: A Secure and Scalable Architecture for Large-Scale Internet Media Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1692-1702.	8.3	22
50	Performance Analysis and Industrial Practice of Peer-Assisted Content Distribution Network for Large-Scale Live Video Streaming. , 2008, , .		15
51	Analytical Modelling of Pipelined Circuit Switching with Bursty and Hot-Spot Traffic. , 2008, , .		2
52	CSGW-RAS: A novel secure solution for remote access based on SSL. , 2007, , .		1
53	Efficient key management and distribution for peer-to-peer live streaming system. , 2007, , .		3
54	Towards a Trustworthy and Controllable Peer-Server-Peer Media Streaming: An Analytical Study and An Industrial Perspective. , 2007, , .		9

#	Article	IF	Citations
55	Design and analysis of IPTV digital copyright management security protocol. , 2007, , .		4
56	An Analytical Model for Evaluating IEEE 802.15.4 CSMA/CA Protocol in Low-Rate Wireless Application. , 2007, , .		53
57	3D-wavelet based Secure and Scalable Media Streaming in a Centralcontrolled P2P Framework. International Conference on Advanced Networking and Applications, 2007, , .	0.0	3
58	CASM: a content-aware protocol for secure video multicast. IEEE Transactions on Multimedia, 2006, 8, 270-277.	7.2	14
59	Security authentication of 3G-WLAN interworking. , 2006, , .		8
60	Mobile police information system based on Web Services. Tsinghua Science and Technology, 2006, 11, 1-7.	6.1	11
61	A novel key-embedded scheme for secure video multicast systems. Computers and Electrical Engineering, 2006, 32, 376-393.	4.8	3
62	Network traffic prediction based on a new time series model. International Journal of Communication Systems, 2005, 18, 711-729.	2.5	23
63	End-to-end stored FGS video transmission based on adaptive smoothing and TCP-friendly rate control. , 0, , .		0
64	An accurate scene-based traffic model for MPEG video stream. , 0, , .		4
65	Security analysis of mandatory access control model. , 0, , .		20
66	Modeling mobile Web services flow using generalized stochastic high-level Petri net. , 0, , .		0