

Richard Y Han

List of Publications by Year in descending order

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73
papers

4,255
citations

687363

13
h-index

526287

27
g-index

74
all docs

74
docs citations

74
times ranked

3005
citing authors

#	ARTICLE	IF	CITATIONS
1	X-MAC. , 2006, , .		1,280
2	MANTIS OS: An Embedded Multithreaded Operating System for Wireless Micro Sensor Platforms. Mobile Networks and Applications, 2005, 10, 563-579.	3.3	261
3	TSync. Mobile Computing and Communications Review, 2004, 8, 125-139.	1.7	188
4	INSENS: Intrusion-tolerant routing for wireless sensor networks. Computer Communications, 2006, 29, 216-230.	5.1	154
5	Analyzing Labeled Cyberbullying Incidents on the Instagram Social Network. Lecture Notes in Computer Science, 2015, , 49-66.	1.3	144
6	Advancing the state of mobile cloud computing. , 2012, , .		139
7	WhozThat? evolving an ecosystem for context-aware mobile social networks. IEEE Network, 2008, 22, 50-55.	6.9	135
8	A Performance Evaluation of Intrusion-Tolerant Routing in Wireless Sensor Networks. Lecture Notes in Computer Science, 2003, , 349-364.	1.3	128
9	Enhancing group recommendation by incorporating social relationship interactions. , 2010, , .		128
10	SensorFlock. , 2007, , .		126
11	Defending against path-based DoS attacks in wireless sensor networks. , 2005, , .		124
12	Decorrelating wireless sensor network traffic to inhibit traffic analysis attacks. Pervasive and Mobile Computing, 2006, 2, 159-186.	3.3	119
13	Investigating Cost-effective RF-based Detection of Drones. , 2016, , .		112
14	Secure code distribution in dynamically programmable wireless sensor networks. , 2006, , .		95
15	Fusing mobile, sensor, and social data to fully enable context-aware computing. , 2010, , .		90
16	Matthan. , 2017, , .		88
17	Careful what you share in six seconds. , 2015, , .		67
18	Security support for in-network processing in Wireless Sensor Networks. , 2003, , .		63

#	ARTICLE	IF	CITATIONS
19	Supporting Healthy Grocery Shopping via Mobile Augmented Reality. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 12, 1-24.	4.3	62
20	Solutions to Security and Privacy Issues in Mobile Social Networking. , 2009, , .		60
21	NodeMD. , 2007, , .		58
22	Prediction of cyberbullying incidents in a media-based social network. , 2016, , .		56
23	An indoor augmented-reality evacuation system for the Smartphone using personalized Pedometry. Human-centric Computing and Information Sciences, 2012, 2, .	6.1	46
24	Towards understanding cyberbullying behavior in a semi-anonymous social network. , 2014, , .		45
25	Stateless Network Functions. , 2015, , .		43
26	Perspectives on next-generation technology for environmental sensor networks. Frontiers in Ecology and the Environment, 2010, 8, 193-200.	4.0	33
27	Scalable and timely detection of cyberbullying in online social networks. , 2018, , .		33
28	Limiting DoS attacks during multihop data delivery in wireless sensor networks. International Journal of Security and Networks, 2006, 1, 167.	0.2	27
29	Cost-Effective and Passive RF-Based Drone Presence Detection and Characterization. GetMobile (New) Tj ETQq1 1 0.784314 rgBT /Over 1.0 28		26
30	Towards RF-based Localization of a Drone and Its Controller. , 2019, , .		24
31	RescueMe: An Indoor Mobile Augmented-Reality Evacuation System by Personalized Pedometry. , 2011, , .		22
32	Information Energy for Sensor-Reactive UAV Flock Control. , 2004, , .		21
33	Analysis and detection of labeled cyberbullying instances in Vine, a video-based social network. Social Network Analysis and Mining, 2016, 6, 1.	2.8	20
34	SafeVchat. , 2011, , .		18
35	Making Serverless Computing More Serverless. , 2018, , .		18
36	A Comparison of Common Users across Instagram and Ask.fm to Better Understand Cyberbullying. , 2014, , .		16

#	ARTICLE	IF	CITATIONS
37	A progressively reliable transport protocol for interactive wireless multimedia. Multimedia Systems, 1999, 7, 141-156.	4.7	15
38	q-Anon: Rethinking Anonymity for Social Networks. , 2010, , .		15
39	SenSearch: GPS and Witness Assisted Tracking for Delay Tolerant Sensor Networks. Lecture Notes in Computer Science, 2009, , 255-269.	1.3	13
40	Wireless Robotic Materials. , 2017, , .		12
41	<title>Asymptotically reliable transport of multimedia/graphics over wireless channels</title>. , 1996, , .		11
42	Efficient misbehaving user detection in online video chat services. , 2012, , .		9
43	Social-K: Real-time K-anonymity guarantees for social network applications. , 2010, , .		8
44	Personalized Behavior Pattern Recognition and Unusual Event Detection for Mobile Users. Mobile Information Systems, 2013, 9, 99-122.	0.6	8
45	Factoring a mobile client's effective processing speed into the image transcoding decision. , 1999, , .		7
46	SWARMS: A Sensornet Wide Area Remote Management System. , 2007, , .		7
47	Scalable misbehavior detection in online video chat services. , 2012, , .		6
48	Features for mood prediction in social media. , 2015, , .		6
49	Distributed Spatiotemporal Gesture Recognition in Sensor Arrays. ACM Transactions on Autonomous and Adaptive Systems, 2015, 10, 1-19.	0.8	6
50	Bloom Filter-Based Ad Hoc Multicast Communication in Cyber-Physical Systems and Computational Materials. Lecture Notes in Computer Science, 2012, , 595-606.	1.3	6
51	Establishing Multi-cast Groups in Computational Robotic Materials. , 2012, , .		5
52	Understanding user behavior at scale in a mobile video chat application. , 2013, , .		5
53	Testing the functionality and contact error of a GPS-based wildlife tracking network. Wildlife Society Bulletin, 2013, 37, 855-861.	1.6	4
54	Having Fun?: Personalized Activity-Based Mood Prediction in Social Media. Lecture Notes in Social Networks, 2017, , 1-18.	0.1	4

#	ARTICLE	IF	CITATIONS
55	EmotionSensing. , 2017, , .		4
56	DroneScale. , 2020, , .		4
57	Developing a data-transfer model for a novel Wildlife-tracking network. Wildlife Society Bulletin, 2012, 36, 820-827.	1.6	3
58	WildSense: Monitoring Interactions among Wild Deer in Harsh Outdoor Environments Using a Delay-Tolerant WSN. Journal of Sensors, 2016, 2016, 1-17.	1.1	3
59	GEVR. , 2019, 3, 1-25.		3
60	Identifying Differentiating Factors for Cyberbullying in Vine and Instagram. Communications in Computer and Information Science, 2021, , 348-361.	0.5	3
61	Embedded Operating Systems for Wireless Microsensor Nodes. , 2005, , 173-197.		2
62	Comprehensive monitoring of CO2 sequestration in subalpine forest ecosystems and its relation to global warming. , 2006, , .		2
63	SafeVchat. ACM Transactions on Internet Technology, 2013, 12, 1-26.	4.4	2
64	SecureWear: A Framework for Securing Mobile Social Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 515-524.	0.3	2
65	<title>Edge-based block matching technique for video motion estimation</title>. , 1991, 1452, 395.		1
66	Towards Cyber-Physical Holodeck Systems Via Physically Rendered Environments (PRE's). , 2008, , .		1
67	myBlackBox: Blackbox Mobile Cloud Systems for Personalized Unusual Event Detection. Sensors, 2016, 16, 753.	3.8	1
68	Analyzing Factors Impacting Reviving on the Vine Social Network. Lecture Notes in Computer Science, 2015, , 17-32.	1.3	1
69	Efficient Microservices with Elastic Containers. , 2019, , .		1
70	Technical perspective: SkyCore's architecture takes it to the 'edge'. Communications of the ACM, 2021, 64, 115-115.	4.5	0
71	Multi-modal Fusion for Flasher Detection in a Mobile Video Chat Application. , 2014, , .		0
72	CyberSafety 2016. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	BullyAlert- A Mobile Application for Adaptive Cyberbullying Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 3-15.	0.3	0