

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	Identifying Differentiating Factors for Cyberbullying in Vine and Instagram. Communications in Computer and Information Science, 2021, , 348-361.	0.5	3
2	Technical perspective: SkyCore's architecture takes it to the 'edge'. Communications of the ACM, 2021, 64, 115-115.	4.5	0
3	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
4	DroneScale. , 2020, , .		4
5	Towards RF-based Localization of a Drone and Its Controller. , 2019, , .		24
6	GEVR. , 2019, 3, 1-25.		3
7	Efficient Microservices with Elastic Containers. , 2019, , .		1
8	Cost-Effective and Passive RF-Based Drone Presence Detection and Characterization. GetMobile (New) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.8	26
9	Making Serverless Computing More Serverless. , 2018, , .		18
10	Scalable and timely detection of cyberbullying in online social networks. , 2018, , .		33
11	Having Fun?: Personalized Activity-Based Mood Prediction in Social Media. Lecture Notes in Social Networks, 2017, , 1-18.	0.1	4
12	Matthan. , 2017, , .		88
13	EmotionSensing. , 2017, , .		4
14	Wireless Robotic Materials. , 2017, , .		12
15	myBlackBox: Blackbox Mobile Cloud Systems for Personalized Unusual Event Detection. Sensors, 2016, 16, 753.	3.8	1
16	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
17	Prediction of cyberbullying incidents in a media-based social network. , 2016, , .		56
18	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

#	ARTICLE	IF	CITATIONS
19	Investigating Cost-effective RF-based Detection of Drones. , 2016, , .		112
20	CyberSafety 2016. , 2016, , .		0
21	Supporting Healthy Grocery Shopping via Mobile Augmented Reality. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 12, 1-24.	4.3	62
22	Features for mood prediction in social media. , 2015, , .		6
23	Stateless Network Functions. , 2015, , .		43
24	Careful what you share in six seconds. , 2015, , .		67
25	Distributed Spatiotemporal Gesture Recognition in Sensor Arrays. ACM Transactions on Autonomous and Adaptive Systems, 2015, 10, 1-19.	0.8	6
26	Analyzing Factors Impacting Reviving on the Vine Social Network. Lecture Notes in Computer Science, 2015, , 17-32.	1.3	1
27	Analyzing Labeled Cyberbullying Incidents on the Instagram Social Network. Lecture Notes in Computer Science, 2015, , 49-66.	1.3	144
28	A Comparison of Common Users across Instagram and Ask.fm to Better Understand Cyberbullying. , 2014, , .		16
29	Towards understanding cyberbullying behavior in a semi-anonymous social network. , 2014, , .		45
30	Multi-modal Fusion for Flasher Detection in a Mobile Video Chat Application. , 2014, , .		0
31	SafeVchat. ACM Transactions on Internet Technology, 2013, 12, 1-26.	4.4	2
32	Understanding user behavior at scale in a mobile video chat application. , 2013, , .		5
33	Testing the functionality and contact error of a GPS-based wildlife tracking network. Wildlife Society Bulletin, 2013, 37, 855-861.	1.6	4
34	Personalized Behavior Pattern Recognition and Unusual Event Detection for Mobile Users. Mobile Information Systems, 2013, 9, 99-122.	0.6	8
35	Scalable misbehavior detection in online video chat services. , 2012, , .		6
36	Efficient misbehaving user detection in online video chat services. , 2012, , .		9

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37	Developing a data-transfer model for a novel Wildlife-tracking network. Wildlife Society Bulletin, 2012, 36, 820-827.	1.6	3
38	Advancing the state of mobile cloud computing. , 2012, , .		139
39	An indoor augmented-reality evacuation system for the Smartphone using personalized Pedometry. Human-centric Computing and Information Sciences, 2012, 2, .	6.1	46
40	Establishing Multi-cast Groups in Computational Robotic Materials. , 2012, , .		5
41	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
42	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
43	RescueMe: An Indoor Mobile Augmented-Reality Evacuation System by Personalized Pedometry. , 2011, , .		22
44	SafeVchat. , 2011, , .		18
45	Perspectives on next-generation technology for environmental sensor networks. Frontiers in Ecology and the Environment, 2010, 8, 193-200.	4.0	33
46	Enhancing group recommendation by incorporating social relationship interactions. , 2010, , .		128
47	Fusing mobile, sensor, and social data to fully enable context-aware computing. , 2010, , .		90
48	Social-K: Real-time K-anonymity guarantees for social network applications. , 2010, , .		8
49	q-Anon: Rethinking Anonymity for Social Networks. , 2010, , .		15
50	Solutions to Security and Privacy Issues in Mobile Social Networking. , 2009, , .		60
51	SenSearch: GPS and Witness Assisted Tracking for Delay Tolerant Sensor Networks. Lecture Notes in Computer Science, 2009, , 255-269.	1.3	13
52	Towards Cyber-Physical Holodeck Systems Via Physically Rendered Environments (PRE's). , 2008, , .		1
53	WhozThat? evolving an ecosystem for context-aware mobile social networks. IEEE Network, 2008, 22, 50-55.	6.9	135
54	NodeMD. , 2007, , .		58

#	ARTICLE	IF	CITATIONS
55	SWARMS: A Sensornet Wide Area Remote Management System. , 2007, , .		7
56	SensorFlock. , 2007, , .		126
57	X-MAC. , 2006, , .		1,280
58	Limiting DoS attacks during multihop data delivery in wireless sensor networks. International Journal of Security and Networks, 2006, 1, 167.	0.2	27
59	Decorrelating wireless sensor network traffic to inhibit traffic analysis attacks. Pervasive and Mobile Computing, 2006, 2, 159-186.	3.3	119
60	INSENS: Intrusion-tolerant routing for wireless sensor networks. Computer Communications, 2006, 29, 216-230.	5.1	154
61	Secure code distribution in dynamically programmable wireless sensor networks. , 2006, , .		95
62	Comprehensive monitoring of CO2 sequestration in subalpine forest ecosystems and its relation to global warming. , 2006, , .		2
63	Embedded Operating Systems for Wireless Microsensor Nodes. , 2005, , 173-197.		2
64	MANTIS OS: An Embedded Multithreaded Operating System for Wireless Micro Sensor Platforms. Mobile Networks and Applications, 2005, 10, 563-579.	3.3	261
65	Defending against path-based DoS attacks in wireless sensor networks. , 2005, , .		124
66	Information Energy for Sensor-Reactive UAV Flock Control. , 2004, , .		21
67	TSync. Mobile Computing and Communications Review, 2004, 8, 125-139.	1.7	188
68	A Performance Evaluation of Intrusion-Tolerant Routing in Wireless Sensor Networks. Lecture Notes in Computer Science, 2003, , 349-364.	1.3	128
69	Security support for in-network processing in Wireless Sensor Networks. , 2003, , .		63
70	Factoring a mobile client's effective processing speed into the image transcoding decision. , 1999, , .		7
71	A progressively reliable transport protocol for interactive wireless multimedia. Multimedia Systems, 1999, 7, 141-156.	4.7	15
72	<title>Asymptotically reliable transport of multimedia/graphics over wireless channels</title>. , 1996, , .		11

#	ARTICLE	IF	CITATIONS
73	<title>Edge-based block matching technique for video motion estimation</title>., 1991, 1452, 395.		1