

Ilyong Chung

List of Publications by Year in descending order

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papers

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all docs

34
docs citations

34
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	ECBCM: A prestige-based edge computing blockchain security consensus model. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4015.	3.9	7
2	RSU-Aided Remote V2V Message Dissemination Employing Secure Group Association for UAV-Assisted VANETs. Electronics (Switzerland), 2021, 10, 548.	3.1	9
3	Secure Authentication and Key Management With Blockchain in VANETs. IEEE Access, 2020, 8, 2482-2498.	4.2	76
4	Practical Homomorphic Authentication in Cloud-Assisted VANETs with Blockchain-Based Healthcare Monitoring for Pandemic Control. Electronics (Switzerland), 2020, 9, 1683.	3.1	13
5	HCDA: Efficient Pairing-Free Homographic Key Management for Dynamic Cross-Domain Authentication in VANETs. Symmetry, 2020, 12, 1003.	2.2	9
6	Network Traffic Sampling System Based on Storage Compression for Application Classification Detection. IEEE Access, 2020, 8, 63106-63120.	4.2	0
7	A Secure Cloud-Assisted Certificateless Group Authentication Scheme for VANETs in Big Data Environment. , 2019, , .		0
8	Secure Authentication and Group Key Distribution Scheme for WBANs Based on Smartphone ECG Sensor. IEEE Access, 2019, 7, 151459-151474.	4.2	34
9	Secure D2D Group Authentication Employing Smartphone Sensor Behavior Analysis. Symmetry, 2019, 11, 969.	2.2	19
10	Hierarchically Authorized Transactions for Massive Internet-of-Things Data Sharing Based on Multilayer Blockchain. Applied Sciences (Switzerland), 2019, 9, 5159.	2.5	18
11	Comments on "Dual Authentication and Key Management Techniques for Secure Data Transmission in Vehicular Ad Hoc Networks". IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2149-2151.	8.0	33
12	A Secure and Efficient Group Key Management Protocol with Cooperative Sensor Association in WBANs. Sensors, 2018, 18, 3930.	3.8	30
13	A Secure and Efficient Certificateless Authentication Scheme With Unsupervised Anomaly Detection in VANETs. IEEE Access, 2018, 6, 74260-74276.	4.2	44
14	Secure Certificateless Authentication and Road Message Dissemination Protocol in VANETs. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	30
15	Enhanced secure sensor association and key management in wireless body area networks. Journal of Communications and Networks, 2015, 17, 453-462.	2.6	120
16	Equal-Size Clustering for Irregularly Deployed Wireless Sensor Networks. Wireless Personal Communications, 2015, 82, 995-1012.	2.7	16
17	An Energy-Efficient and Compact Clustering Scheme with Temporary Support Nodes for Cognitive Radio Sensor Networks. Sensors, 2014, 14, 14634-14653.	3.8	6
18	Transmission Power Control Aware Routing in Cognitive Radio Ad Hoc Networks. Wireless Personal Communications, 2013, 71, 2713-2724.	2.7	5

#	ARTICLE	IF	CITATIONS
19	Clustering with One-Time Setup for Reduced Energy Consumption and Prolonged Lifetime in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 301869.	2.2	8
20	Identity-based key agreement protocol employing a symmetric balanced incomplete block design. Journal of Communications and Networks, 2012, 14, 682-691.	2.6	60
21	Energy-Efficient Clustering with One Time Setup for Wireless Sensor Networks. , 2012, , .		2
22	Ed-RCS: An Energy-Aware Event-Driven Regional Clustering Scheme for WSNs. , 2011, , .		0
23	A Balanced Clustering Algorithm for Non-uniformly Deployed Sensor Networks. , 2011, , .		3
24	Energy Efficiency of MAC Protocols in Wireless Sensor Networks. , 2011, , .		5
25	ARCS: An Energy-Efficient Clustering Scheme for Sensor Network Monitoring Systems. ISRN Communications and Networking, 2011, 2011, 1-10.	0.5	2
26	A Priority Routing Protocol Based on Location and Moving Direction in Delay Tolerant Networks. IEICE Transactions on Information and Systems, 2010, E93-D, 2763-2775.	0.7	12
27	A Novel Anonymous RFID Authentication Protocol Providing Strong Privacy and Security. , 2010, , .		12
28	Comment: "Enhanced novel access control protocol over wireless sensor networks". IEEE Transactions on Consumer Electronics, 2010, 56, 2019-2021.	3.6	20
29	Vertex-Based Multihop Vehicle-to-Infrastructure Routing for Vehicular Ad Hoc Networks. , 2010, , .		24
30	A multipath AODV routing protocol in mobile ad hoc networks with SINR-based route selection. , 2008, , .		29
31	Semantic Measurement of Related Degree between Unknown Word and Related Word for Automatic Extension of Lexical Dictionary. , 2008, , .		1
32	The design and analysis of an efficient load balancing algorithm employing the symmetric balanced incomplete block design. Information Sciences, 2006, 176, 2148-2160.	6.9	15
33	The design of an efficient load balancing algorithm employing block design. Journal of Applied Mathematics and Computing, 2004, 14, 343-351.	2.5	7
34	The design of conference key distribution system employing a symmetric balanced incomplete block design. Information Processing Letters, 2002, 81, 313-318.	0.6	13