Gyu Myoung Lee

List of Publications by Year
in descending order

63 papers	**1,914** citations	411340 **20** h-index	325983 **40** g-index
64 all docs	**64** docs citations	**64** times ranked	**2110** citing authors

#	Article	IF	Citations
1	IoTRec: The IoT Recommender for Smart Parking System. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 280-296.	3.2	11
2	EnTruVe: ENergy and TRUst-aware Virtual Machine allocation in VEhicle fog computing for catering applications in 5G. Future Generation Computer Systems, 2022, 126, 196-210.	4.9	18
3	Green Demand Aware Fog Computing: A Prediction-Based Dynamic Resource Provisioning Approach. Electronics (Switzerland), 2022, 11, 608.	1.8	6
4	Performance Evaluation of Machine Learning and Neural Network-Based Algorithms for Predicting Segment Availability in AIoT-Based Smart Parking. Network, 2022, 2, 225-238.	1.5	7
5	Trust Management for Artificial Intelligence: A Standardization Perspective. Applied Sciences (Switzerland), 2022, 12, 6022.	1.3	5
6	Next Generation of SDN in Cloud-Fog for 5G and Beyond-Enabled Applications: Opportunities and Challenges. Network, 2021, 1, 28-49.	1.5	29
7	Human Face Detection Techniques: A Comprehensive Review and Future Research Directions. Electronics (Switzerland), 2021, 10, 2354.	1.8	37
8	A blockchain-based trust system for decentralised applications: When trustless needs trust. Future Generation Computer Systems, 2021, 124, 68-79.	4.9	25
9	Find my trustworthy fogs: A fuzzy-based trust evaluation framework. Future Generation Computer Systems, 2020, 109, 562-572.	4.9	48
10	GDPR-Compliant Personal Data Management: A Blockchain-Based Solution. IEEE Transactions on Information Forensics and Security, 2020, 15, 1746-1761.	4.5	181
11	BATâ€"Block Analytics Tool Integrated with Blockchain Based IoT Platform. Electronics (Switzerland), 2020, 9, 1525.	1.8	4
12	Deep Sensing: Inertial and Ambient Sensing for Activity Context Recognition Using Deep Convolutional Neural Networks. Sensors, 2020, 20, 3803.	2.1	6
13	Competitive Data Trading Model With Privacy Valuation for Multiple Stakeholders in IoT Data Markets. IEEE Internet of Things Journal, 2020, 7, 3623-3639.	5.5	42
14	Off-Street Vehicular Fog for Catering Applications in 5G/B5G: A Trust-Based Task Mapping Solution and Open Research Issues. IEEE Access, 2020, 8, 117218-117235.	2.6	12
15	Digital Twin in the IoT Context: A Survey on Technical Features, Scenarios, and Architectural Models. Proceedings of the IEEE, 2020, 108, 1785-1824.	16.4	294
16	Privacy Preserving Issues in the Dynamic Internet of Things (IoT). , 2020, , .		2
17	Evaluating TCP performance of routing protocols for traffic exchange in street-parked vehicles based fog computing infrastructure. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, .	2.1	7
18	Machine Learning Based Trust Computational Model for IoT Services. IEEE Transactions on Sustainable Computing, 2019, 4, 39-52.	2.2	147

#	ARTICLE	IF	CITATIONS
19	Seamless Mobility Management in Heterogeneous 5G Networks: A Coordination Approach among Distributed SDN Controllers. , 2019, , .		13
20	TrustChain: A Privacy Preserving Blockchain with Edge Computing. Wireless Communications and Mobile Computing, 2019, 2019, 1-17.	0.8	56
21	An Efficient Resource Management Mechanism for Network Slicing in a LTE Network. IEEE Access, 2019, 7, 89441-89457.	2.6	25
22	Hierarchical Trust Chain Framework for IoT Services. , 2019, , .		4
23	Survey on Revocation in Ciphertext-Policy Attribute-Based Encryption. Sensors, 2019, 19, 1695.	2.1	46
24	Trust Evaluation Mechanism for User Recruitment in Mobile Crowd-Sensing in the Internet of Things. IEEE Transactions on Information Forensics and Security, 2019, 14, 2705-2719.	4.5	78
25	Personal Data Trading Scheme for Data Brokers in IoT Data Marketplaces. IEEE Access, 2019, 7, 40120-40132.	2.6	43
26	Design and Implementation of a Trust Information Management Platform for Social Internet of Things Environments. Sensors, 2019, 19, 4707.	2.1	10
27	Trustworthiness management in sharing CDN infrastructure. , 2018, , .		1
28	A Novel Physical Layer Secure Key Generation and Refreshment Scheme for Wireless Sensor Networks. IEEE Access, 2018, 6, 11374-11387.	2.6	51
29	Access Privilege Elevation and Revocation in Collusion-Resistant Cloud Access Control. , 2018, , .		1
30	Revocable, Decentralized Multi-Authority Access Control System. , 2018, , .		2
31	Trust-Based Data Controller for Personal Information Management. , 2018, , .		1
32	A Framework for Exploiting Internet of Things for Context-Aware Trust-Based Personalized Services. Mobile Information Systems, 2018, 2018, 1-24.	0.4	14
33	Resource Allocation Scheme in 5G Network Slices. , 2018, , .		24
34	Traffic management in LTE-WiFi slicing networks. , 2017, , .		9
35	Comparison Data Traffic Scheduling Techniques for Classifying QoS over 5G Mobile Networks. , 2017, , .		27
36	Towards a dynamic discovery of smart services in the social internet of things. Computers and Electrical Engineering, 2017, 58, 429-443.	3.0	46

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37	Towards context classification and reasoning in IoT. , 2017, , .		6
38	Data centric trust evaluation and prediction framework for IOT. , 2017, , .		32
39	From Personal Experience to Global Reputation for Trust Evaluation in the Social Internet of Things. , 2017, , .		26
40	Toward a Trust Evaluation Mechanism in the Social Internet of Things. Sensors, 2017, 17, 1346.	2.1	88
41	Industrial Internet of Things-Based Collaborative Sensing Intelligence: Framework and Research Challenges. Sensors, 2016, 16, 215.	2.1	49
42	Sensor Network-Based and User-Friendly User Location Discovery for Future Smart Homes. Sensors, 2016, 16, 969.	2.1	10
43	Leverage a Trust Service Platform for Data Usage Control in Smart City. , 2016, , .		10
44	Seamless LTE-WiFi Architecture for Offloading the Overloaded LTE with Efficient UE Authentication. , 2016, , .		1
45	RpR: A Trust Computation Model for Social Internet of Things. , 2016, , .		43
46	Early Wake-Up Decision Algorithm for ONUs in TDM-PONs With Sleep Mode. Journal of Optical Communications and Networking, 2016, 8, 308.	3.3	13
47	On analyzing user location discovery methods in smart homes: A taxonomy and survey. Journal of Network and Computer Applications, 2016, 76, 75-86.	5.8	19
48	A trust model for data sharing in smart cities. , 2016, , .		31
49	Strengthening trust in the future social-cyber-physical infrastructure: an ITU-T perspective. , 2016, 54, 36-42.		15
50	Building an Energy-efficient Uplink and Downlink Delay Aware TDM-PON System. Optical Fiber Technology, 2016, 29, 34-52.	1.4	12
51	RER: a real time energy efficient routing protocol for query-based applications in wireless sensor networks. Telecommunication Systems, 2016, 61, 107-121.	1.6	6
52	Service composition for IP smart object using realtime Web protocols: Concept and research challenges. Computer Standards and Interfaces, 2016, 43, 79-90.	3.8	41
53	SDN-Based Active Content Networking. International Journal of Distributed Sensor Networks, 2016, 12, 1603239.	1.3	1
54	A web-based IPTV content syndication system for personalized content guide. Journal of Communications and Networks, 2015, 17, 67-74.	1.8	6

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55	Performance analysis of TCP traffic and its influence on ONU's energy saving in energy efficient TDM-PON. Optical Fiber Technology, 2015, 26, 190-200.	1.4	15
56	DPWSim: A Devices Profile for Web Services (DPWS) Simulator. IEEE Internet of Things Journal, 2015, 2, 221-229.	5.5	15
57	An Energy-Aware Routing Protocol for Query-Based Applications in Wireless Sensor Networks. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	13
58	Smart Ubiquitous Networks for future telecommunication environments. Computer Standards and Interfaces, 2014, 36, 412-422.	3.8	13
59	Efficient Multicast Schemes Using In-Network Caching for Optimal Content Delivery. IEEE Communications Letters, 2013, 17, 1048-1051.	2.5	8
60	Evaluating Energy Efficiency of ONUs Having Multiple Power Levels in TDM-PONs. IEEE Communications Letters, 2013, 17, 1248-1251.	2.5	16
61	Adaptive Delay-Aware Energy Efficient TDM-PON. Computer Networks, 2013, 57, 1577-1596.	3.2	33
62	Functional Architecture for NGN-Based Personalized IPTV Services. IEEE Transactions on Broadcasting, 2009, 55, 329-342.	2.5	15
63	On Teletraffic Applications to OBS. IEEE Communications Letters, 2004, 8, 116-118.	2.5	43