Teerapol Silawan

List of Publications by Year
in descending order

25 papers	**164** citations	1478505 **6** h-index	1281871 **11** g-index
25 all docs	**25** docs citations	**25** times ranked	**119** citing authors

#	Article	IF	Citations
1	CU-BEMS, smart building electricity consumption and indoor environmental sensor datasets. Scientific Data, 2020, 7, 241.	5.3	41
2	Multiclass Cell Transmission Model for Heterogeneous Mobility in General Topology of Road Network. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2010, 14, 68-82.	4.2	38
3	A tractable analytical model for interference characterization and minimum distance enforcement to reuse resources in three‐dimensional in‐building dense small cell networks. International Journal of Communication Systems, 2017, 30, e3240.	2.5	17
4	A novel frequency reuse technique for in‐building small cells in dense heterogeneous networks. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 98-111.	1.4	16
5	SybilVote: Formulas to Quantify the Success Probability of Sybil Attack in Online Social Network Voting. IEEE Communications Letters, 2017, 21, 1553-1556.	4.1	10
6	Impact Analysis of Start-Up Lost Time at Major Intersections on Sathorn Road Using a Synchro Optimization and a Microscopic SUMO Traffic Simulation. IEEE Access, 2018, 6, 6327-6340.	4.2	10
7	Improved bandwidth allocation in Cognitive Radio Networks based on game theory. , 2013, , .		5
8	Incentive and Architecture of Multi-Band Enabled Small Cell and UE for Up-/Down-Link and Control-/User-Plane Splitting for 5G Mobile Networks. Frequenz, 2017, 71, 95-118.	0.9	5
9	SybilComm: Sybil community detection using persuading function in IoT system. , 2016, , .		4
10	Virtualising machine to machine (M2M) application using open Baton as NFV-compliant framework for building energy management system. , 2016, , .		3
11	Application of <scp>Q‐Learning</scp> in Routing of <scp>Software‐Defined</scp> Wireless Mesh Network. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 387-397.	1.4	3
12	Performance Evaluation of Heterogeneous Wireless Networks with Location Distribution and Migration of User Equipments. , 2013, , .		2
13	Development of Software-Defined Mesh Network Emulator Testbed for DDoS Defence Study. , 2019, , .		2
14	Development of IoTcloudServe@TEIN Smart-Energy@Chula Service Gateway: Case Study of Secured On-Demand Building Energy Management System Data Platform Using NETPIE. , 2019, , .		2
15	Game theoretic analysis of jamming attack in wireless mesh network with delay tolerance. , 2013, , .		1
16	Implementation and functionality evaluation of maritime point-to-point communication based on NS-3. , 2014, , .		1
17	Validation of SDN Emulator Based on Mininet and ONOS Controller for IEC 61850 Packet Delay Measurement. , 2019, , .		1
18	Bottleneck Based Gridlock Prediction in an Urban Road Network Using Long Short-Term Memory. Electronics (Switzerland), 2020, 9, 1412.	3.1	1

#	Article	IF	Citations
19	Differential Private Motion Sensor and Wasted Energy in Building Energy Management System. IEEE Access, 2022, 10, 486-501.	4.2	1
20	Development of near real-time wireless image sequence streaming cloud using Apache Kafka for road traffic monitoring application. PLoS ONE, 2022, 17, e0264923.	2.5	1
21	DTMC analysis of connectedness for 2-dimension wireless relay placement with regular string topology. , 2011, , .		0
22	Capacity and Fairness Analysis of Game Theoretic Power Controlled Wireless Access Network. , 2013, , .		0
23	An optimal dynamic virtual network allocation algorithm for cloud resident data center. , 2015, , .		0
24	Multi-path chunked video exchanges over OF@TEIN SDN cloud playground. , 2016, , .		0
25	Cloud-Based Smart Energy Framework for Accelerated Data Analytics with Parallel Computing of Orchestrated Containers: Study Case of CU-BEMS. , 2021, , .		0