

# Teerapol Silawan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/232292/publications.pdf>

Version: 2024-02-01

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	Application of <scp>Qâ€Learning</scp> in Routing of <scp>Softwareâ€Defined</scp> Wireless Mesh Network. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 387-397.	1.4	3
2	Differential Private Motion Sensor and Wasted Energy in Building Energy Management System. IEEE Access, 2022, 10, 486-501.	4.2	1
3	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
4	Cloud-Based Smart Energy Framework for Accelerated Data Analytics with Parallel Computing of Orchestrated Containers: Study Case of CU-BEMS. , 2021, , .		0
5	CU-BEMS, smart building electricity consumption and indoor environmental sensor datasets. Scientific Data, 2020, 7, 241.	5.3	41
6	Bottleneck Based Gridlock Prediction in an Urban Road Network Using Long Short-Term Memory. Electronics (Switzerland), 2020, 9, 1412.	3.1	1
7	Development of Software-Defined Mesh Network Emulator Testbed for DDoS Defence Study. , 2019, , .		2
8	Validation of SDN Emulator Based on Mininet and ONOS Controller for IEC 61850 Packet Delay Measurement. , 2019, , .		1
9	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
10	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
11	A novel frequency reuse technique for inâ€building small cells in dense heterogeneous networks. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 98-111.	1.4	16
12	A tractable analytical model for interference characterization and minimum distance enforcement to reuse resources in threeâ€dimensional inâ€building dense small cell networks. International Journal of Communication Systems, 2017, 30, e3240.	2.5	17
13	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
14	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
15	Multi-path chunked video exchanges over OF@TEIN SDN cloud playground. , 2016, , .		0
16	Virtualising machine to machine (M2M) application using open Baton as NFV-compliant framework for building energy management system. , 2016, , .		3
17	SybilComm: Sybil community detection using persuading function in IoT system. , 2016, , .		4
18	An optimal dynamic virtual network allocation algorithm for cloud resident data center. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Implementation and functionality evaluation of maritime point-to-point communication based on NS-3. , 2014, , .		1
20	Game theoretic analysis of jamming attack in wireless mesh network with delay tolerance. , 2013, , .		1
21	Improved bandwidth allocation in Cognitive Radio Networks based on game theory. , 2013, , .		5
22	Performance Evaluation of Heterogeneous Wireless Networks with Location Distribution and Migration of User Equipments. , 2013, , .		2
23	Capacity and Fairness Analysis of Game Theoretic Power Controlled Wireless Access Network. , 2013, , .		0
24	DTMC analysis of connectedness for 2-dimension wireless relay placement with regular string topology. , 2011, , .		0
25	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