Tung-Lam Nguyen

List of Publications by Citations

23 papers	240 citations	9 h-index	15 g-index
28 ext. papers	334 ext. citations	4.8 avg, IF	3.78 L-index

#	Paper	IF	Citations
23	Cyber-Physical Design and Implementation of Distributed Event-Triggered Secondary Control in Islanded Microgrids. *IEEE Transactions on Industry Applications*, **2019**, 55, 5631-5642	4.3	63
22	Peer-to-Peer Control for Networked Microgrids: Multi-Layer and Multi-Agent Architecture Design. *IEEE Transactions on Smart Grid*, **2020**, 11, 4688-4699	10.7	28
21	A Distributed Control Scheme of Microgrids in Energy Internet Paradigm and Its Multisite Implementation. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 1141-1153	11.9	27
20	On Conceptual Structuration and Coupling Methods of Co-Simulation Frameworks in Cyber-Physical Energy System Validation. *Energies*, **2017**, 10, 1977	3.1	19
19	Multi-Agent System with Plug and Play Feature for Distributed Secondary Control in Microgrid Controller and Power Hardware-in-the-Loop Implementation. *Energies*, **2018**, 11, 3253	3.1	19
18	Using power-hardware-in-the-loop experiments together with co-simulation for the holistic validation of cyber-physical energy systems **2017**,		16
17	Distributed control of heterogeneous energy storage systems in islanded microgrids: Finite-time approach and cyber-physical implementation. *International Journal of Electrical Power and Energy Systems*, **2020**, 119, 105898	5.1	10
16	Agent based distributed control of islanded microgrid Real-time cyber-physical implementation **2017**,		9
15	A Distributed Hierarchical Control Framework in Islanded Microgrids and Its Agent-Based Design for Cyber Physical Implementations. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 9685-9695	8.9	9
14	Synchronization conditions and Real-time constraints in co-simulation and Hardware-in-the-Loop techniques for Cyber Physical Energy System assessment. *Sustainable Energy, Grids and Networks*, **2019**, 20, 100252	3.6	7
13	Integration of SCADA Services and Power-Hardware-in-the-Loop Technique in Cross-Infrastructure Holistic Tests of Cyber-Physical Energy Systems. *IEEE Transactions on Industry Applications*, **2020**, 56, 7099-7108	4.3	6
12	Digital twin integrated power-hardware-in-the-loop for the assessment of distributed renewable energy resources. *Electrical Engineering*,1	1.5	4
11	Distributed optimal power flow and the multi-agent system for the realization in cyber-physical system. *Electric Power Systems Research*, **2021**, 192, 107007	3.5	4
10	Real-Time Minimization Power Losses by Driven Primary Regulation in Islanded Microgrids. *Energies* , **2020**, 13, 451	3.1	3
9	Optimal energy management strategies of microgrids **2016**,		3
8	Distributed Event-Triggered Control for Islanded Microgrids: Cyber-Physical Design and Implementation **2019**,		2
7	General form of consensus optimization for distributed OPF in HVAC-VSC-HVDC systems. *International Journal of Electrical Power and Energy Systems*, **2020**, 121, 106049	5.1	2

List of Publications

6	Integration of SCADA services in cross-infrastructure holistic tests of cyber-physical energy systems **2019**,		2
5	Agent-based Distributed Event-Triggered Secondary Control for Energy Storage System in Islanded Microgrids - Cyber-Physical Validation **2019**,		2
4	A Cyber-Resilience Enhancement Method for Network Controlled Microgrid against Denial of Service Attack **2020**,		2
3	FMI compliant approach to investigate the impact of communication to islanded microgrid secondary control **2017**,		1
2	Cross-infrastructure holistic experiment design for cyber-physical energy system validation **2018**,		1
1	Distributed Secondary Control in Microgrids Using Synchronous Condenser for Voltage and Frequency Support. *Energies*, **2022**, 15, 2968	3.1	0