

# Yvon Besanger

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

447  
citations

1162889

8  
h-index

1372474

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

537  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Challenges in Power System Restoration With Large Scale of Dispersed Generation Insertion. IEEE Transactions on Power Systems, 2009, 24, 398-406.	4.6	152
2	On the concept and the interest of virtual power plant: Some results from the European project Fenix. , 2009, , .		80
3	Neural Networks to Improve Distribution State Estimationâ€™Volt Var Control Performances. IEEE Transactions on Smart Grid, 2012, 3, 1137-1144.	6.2	45
4	SCADA as a service approach for interoperability of micro-grid platforms. Sustainable Energy, Grids and Networks, 2016, 8, 26-36.	2.3	34
5	On Conceptual Structuration and Coupling Methods of Co-Simulation Frameworks in Cyber-Physical Energy System Validation. Energies, 2017, 10, 1977.	1.6	29
6	Using power-hardware-in-the-loop experiments together with co-simulation for the holistic validation of cyber-physical energy systems. , 2017, , .		20
7	Digital twin integrated power-hardware-in-the-loop for the assessment of distributed renewable energy resources. Electrical Engineering, 2022, 104, 377-388.	1.2	17
8	A latencies tolerant model predictive control approach to damp Inter-area oscillations in delayed power systems. International Journal of Electrical Power and Energy Systems, 2018, 98, 199-208.	3.3	13
9	Synchronization conditions and Real-time constraints in co-simulation and Hardware-in-the-Loop techniques for Cyberâ€™Physical Energy System assessment. Sustainable Energy, Grids and Networks, 2019, 20, 100252.	2.3	10
10	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.	3.3	8
11	Latencies in Power Systems: A Database-Based Time-Delay Compensation for Memory Controllers. Electronics (Switzerland), 2021, 10, 208.	1.8	7
12	A Three-Stage Strategy With Settlement for an Energy Community Management Under Grid Constraints. IEEE Transactions on Smart Grid, 2023, 14, 1505-1514.	6.2	6
13	CIM compliant multiplatform approach for cyber-physical energy system assessment. , 2017, , .		3
14	FMI compliant approach to investigate the impact of communication to islanded microgrid secondary control. , 2017, , .		3
15	Integration of SCADA services in cross-infrastructure holistic tests of cyber-physical energy systems. , 2019, , .		2
16	Application of Long Short-Term Memory (LSTM) Neural Network for the estimation of communication network delay in smart grid applications. , 2021, , .		2
17	Cross-infrastructure holistic experiment design for cyber-physical energy system validation. , 2018, , .		1
18	Modeling of IEC 61850 GOOSE Substation Communication Traffic Using ARMA Model. , 2019, , .		0