

# Paolo Tenti

## List of Publications by Citations

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33  
papers

651  
citations

12  
h-index

25  
g-index

37  
ext. papers

826  
ext. citations

4.9  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
33	Conservative Power Theory, a Framework to Approach Control and Accountability Issues in Smart Microgrids. <i>IEEE Transactions on Power Electronics</i> , <b>2011</b> , 26, 664-673	7.2	143
32	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2014</b> , 2, 1081-1088	5.6	78
31	Distribution Loss Minimization by Token Ring Control of Power Electronic Interfaces in Residential Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , <b>2012</b> , 59, 3817-3826	8.9	61
30	Centralized Control of Distributed Single-Phase Inverters Arbitrarily Connected to Three-Phase Four-Wire Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 437-446	10.7	51
29	Cybersecurity and Power Electronics: Addressing the Security Vulnerabilities of the Internet of Things. <i>IEEE Power Electronics Magazine</i> , <b>2017</b> , 4, 37-43	1.5	45
28	Power-Based Control of Low-Voltage Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2015</b> , 3, 1056-1066	5.6	32
27	Conservative Power Theory, sequence components and accountability in smart grids <b>2010</b> ,		31
26	Improving Microgrid Performance by Cooperative Control of Distributed Energy Sources. <i>IEEE Transactions on Industry Applications</i> , <b>2014</b> , 50, 3921-3930	4.3	28
25	Cooperative Operation of Active Power Filters by Instantaneous Complex Power Control <b>2007</b> ,		16
24	Application of Conservative Power Theory to cooperative control of distributed compensators in smart grids <b>2010</b> ,		15
23	Synergistic control and cooperative operation of distributed harmonic and reactive compensators. <i>Power Electronics Specialist Conference (PESC), IEEE</i> , <b>2008</b> ,		15
22	Improving power quality and distribution efficiency in micro-grids by cooperative control of Switching Power Interfaces <b>2010</b> ,		12
21	Distribution loss minimization by token ring control of power electronic interfaces in residential micro-grids <b>2010</b> ,		11
20	Surround control of distributed energy resources in micro-grids <b>2010</b> ,		11
19	Plug & play operation of distributed energy resources in micro-grids <b>2010</b> ,		10
18	On Microgrid Evolution to Local Area Energy Network (E-LAN). <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 1567-1576	10.7	10
17	Selective compensation of reactive, unbalance, and distortion power in smart grids by synergistic control of distributed switching power interfaces <b>2013</b> ,		9

16	Distance measurement over PLC for dynamic grid mapping of smart micro grids <b>2011</b> ,		9
15	Cooperative control of electronic power processors in micro-grids <b>2009</b> ,		9
14	A General Approach to Select Location and Ratings of Energy Storage Systems in Local Area Energy Networks. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 6203-6210	4.3	8
13	A master/slave control of distributed energy resources in low-voltage microgrids <b>2016</b> ,		8
12	Lightweight energy management of islanded operated microgrids for prosumer communities <b>2015</b> ,		5
11	Leveraging Demand Flexibility by Exploiting Prosumer Response to Price Signals in Microgrids. <i>Energies</i> , <b>2020</b> , 13, 3078	3.1	5
10	Improving microgrid performance by cooperative control of distributed energy sources <b>2013</b> ,		5
9	Control Of Utility Interfaces In Low-voltage Microgrids. <i>Elétrica De Potência</i> , <b>2015</b> , 20, 373-382	0.5	5
8	Real-Time Validation of Power Flow Control Method for Enhanced Operation of Microgrids. <i>Energies</i> , <b>2020</b> , 13, 5959	3.1	5
7	Distributed control of smart microgrids by dynamic grid mapping <b>2011</b> ,		4
6	Fully-dispatchable microgrid: Architecture, implementation and experimental validation <b>2017</b> ,		3
5	Distributed cooperative control of low-voltage residential microgrids <b>2012</b> ,		2
4	Improving Power Quality and Distribution Efficiency in Micro-Grids by Plug & Play Control of Switching Power Interfaces. <i>IEEJ Transactions on Industry Applications</i> , <b>2011</b> , 131, 1364-1372	0.2	2
3	Power-based control of low-voltage microgrids <b>2014</b> ,		1
2	A General Approach to Select Location and Ratings of Energy Storage Systems in Local Area Energy Networks <b>2018</b> ,		1
1	Generalized Control of the Power Flow in Local Area Energy Networks. <i>Energies</i> , <b>2022</b> , 15, 1416	3.1	1