

Paolo Tenti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Generalized Control of the Power Flow in Local Area Energy Networks. <i>Energies</i> , 2022 , 15, 1416	3.1	1
32	Leveraging Demand Flexibility by Exploiting Prosumer Response to Price Signals in Microgrids. <i>Energies</i> , 2020 , 13, 3078	3.1	5
31	Real-Time Validation of Power Flow Control Method for Enhanced Operation of Microgrids. <i>Energies</i> , 2020 , 13, 5959	3.1	5
30	A General Approach to Select Location and Ratings of Energy Storage Systems in Local Area Energy Networks. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6203-6210	4.3	8
29	On Microgrid Evolution to Local Area Energy Network (E-LAN). <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 1567-1576	10.7	10
28	A General Approach to Select Location and Ratings of Energy Storage Systems in Local Area Energy Networks 2018 ,		1
27	Centralized Control of Distributed Single-Phase Inverters Arbitrarily Connected to Three-Phase Four-Wire Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 437-446	10.7	51
26	Fully-dispatchable microgrid: Architecture, implementation and experimental validation 2017 ,		3
25	Cybersecurity and Power Electronics: Addressing the Security Vulnerabilities of the Internet of Things. <i>IEEE Power Electronics Magazine</i> , 2017 , 4, 37-43	1.5	45
24	A master/slave control of distributed energy resources in low-voltage microgrids 2016 ,		8
23	Lightweight energy management of islanded operated microgrids for prosumer communities 2015 ,		5
22	Power-Based Control of Low-Voltage Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2015 , 3, 1056-1066	5.6	32
21	Control Of Utility Interfaces In Low-voltage Microgrids. <i>Eletrônica De Potência</i> , 2015 , 20, 373-382	0.5	5
20	Improving Microgrid Performance by Cooperative Control of Distributed Energy Sources. <i>IEEE Transactions on Industry Applications</i> , 2014 , 50, 3921-3930	4.3	28
19	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2014 , 2, 1081-1088	5.6	78
18	Power-based control of low-voltage microgrids 2014 ,		1
17	Improving microgrid performance by cooperative control of distributed energy sources 2013 ,		5

16	Selective compensation of reactive, unbalance, and distortion power in smart grids by synergistic control of distributed switching power interfaces 2013 ,		9
15	Distribution Loss Minimization by Token Ring Control of Power Electronic Interfaces in Residential Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 3817-3826	8.9	61
14	Distributed cooperative control of low-voltage residential microgrids 2012 ,		2
13	Conservative Power Theory, a Framework to Approach Control and Accountability Issues in Smart Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2011 , 26, 664-673	7.2	143
12	Distance measurement over PLC for dynamic grid mapping of smart micro grids 2011 ,		9
11	Distributed control of smart microgrids by dynamic grid mapping 2011 ,		4
10	Improving Power Quality and Distribution Efficiency in Micro-Grids by Plug & Play Control of Switching Power Interfaces. <i>IEEJ Transactions on Industry Applications</i> , 2011 , 131, 1364-1372	0.2	2
9	Plug & play operation of distributed energy resources in micro-grids 2010 ,		10
8	Distribution loss minimization by token ring control of power electronic interfaces in residential micro-grids 2010 ,		11
7	Application of Conservative Power Theory to cooperative control of distributed compensators in smart grids 2010 ,		15
6	Improving power quality and distribution efficiency in micro-grids by cooperative control of Switching Power Interfaces 2010 ,		12
5	Conservative Power Theory, sequence components and accountability in smart grids 2010 ,		31
4	Surround control of distributed energy resources in micro-grids 2010 ,		11
3	Cooperative control of electronic power processors in micro-grids 2009 ,		9
2	Synergistic control and cooperative operation of distributed harmonic and reactive compensators. <i>Power Electronics Specialist Conference (PESC), IEEE</i> , 2008 ,		15
1	Cooperative Operation of Active Power Filters by Instantaneous Complex Power Control 2007 ,		16