Camila Gehrke

List of Publications by Year
in descending order

38 papers	**292** citations	2258059 **3** h-index	2550090 **3** g-index
38 all docs	**38** docs citations	**38** times ranked	**394** citing authors

#	Article	IF	Citations
1	IEEE PELS WIE Breakfast Reception at Joint SPEC-COBEP 2019 Honors Prof. Camila Gehrke [Women in Engineering]. IEEE Power Electronics Magazine, 2020, 7, 72-73.	0.7	0
2	A Comparative Study Between the PQ and IV Droop Control. , 2020, , .		0
3	Photovoltaic Power System with Ancillary Service Capability Based on Instantaneous Power. , 2019, , .		1
4	A Control Method for DG Based on Automatic Current Slope Gain. , 2019, , .		2
5	A hardware-in-the-loop (HIL) testbed to evaluate the impact of the insertion and control of distributed generating sources. , 2019, , .		0
6	Modeling and Simulation of the Battery Energy Storage System for Analysis Impact in the Electrical Grid.. , 2019, , .		0
7	Impact analysis of the BESS insertion in electric grid using real-time simulation. , 2019, , .		1
8	Provision of ancillary service in a grid-connected photovoltaic power system. , 2018, , .		4
9	Brazilian and global energy panorama â€" Comparative study of forecasts in the years 2000 to 2015 for the years 2015 to 2030. , 2018, , .		0
10	Analysis of hybrid communication for smart grids. , 2018, , 363-388.		0
11	Harmonic compensation as ancillary service of a grid-connected photovoltaic power system. , 2017, , .		1
12	Design and implementation of a flexible intelligent electronic device for smart grid applications. , 2017, , .		3
13	Efficient low cost and easy testing methodology for analysis of wireless communication applied for IEDs. , 2016, , .		0
14	Design of an intelligent electronic device based on TivaC platform for smart grid applications. , 2016, , .		4
15	Photovoltaic system with bumpless transfer between grid-connected and stand-alone modes. , 2015, , .		1
16	Smart control for active power generation, voltage level and harmonic content based on photovoltaic generators. , 2015, , .		6
17	Controlling harmonics in electrical power systems for satisfying total and individual harmonic distortion constraints. , 2014, , .		6
18	Smart Grid Infrastructure Using a Hybrid Network Architecture. IEEE Transactions on Smart Grid, 2013, 4, 1630-1639.	9.0	84

#	Article	IF	Citations
19	Unidirectional rectifier based on hybrid modular multilevel cascade converter &#x2014; Double-star chopper-cells. , 2013, , .		5
20	Active Power Line Conditioner based on Modular Multilevel Cascade Converter - Double-Star Chopper-Cells. , 2013, , .		5
21	Power hardware-in-the-loop (PHIL) based on FPGA. , 2013, , .		2
22	A Hybrid Network Architecture Applied to Smart Grid. International Journal of Computing and Network Technology, 2013, 1, 45-59.	0.2	5
23	Cooperative control for active power compensators allocated in distributed networks. , 2012, , .		6
24	Evaluating APLCs placement in a power system based on real-time simulation. , 2012, , .		6
25	Improving energy quality by voltage compensation and active power injection. , 2011, , .		2
26	Cooperative filters: Localization and injected current control. , 2010, , .		3
27	Monitoring in Industrial Systems Using Wireless Sensor Network With Dynamic Power Management. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3104-3111.	4.7	123
28	Fault detection and diagnosis for stand alone system based on induction generator. , 2009, , .		0
29	Monitoring and Diagnosis in Industrial Systems Using Wireless Sensor Networks. , 2007, , .		22
30	Provision of ancillary services in a grid€connected photovoltaic distributed energy resource. IET Generation, Transmission and Distribution, 0, , .	2.5	0
31	Intelligent Electronic Devices in Smart Grid Applications. , 0, , .		0
32	Avaliação do impacto de geração distribuída baseada em fonte de corrente e impedância equivalente. , 0, , .		0
33	Impacts of Distributed Generation in Electrical Grids. , 0, , .		0
34	Sistema de Conversão de Recursos Energéticos Distribuídos baseado no Conversor DAB para Suporte à Rede Elétrica. , 0, , .		0
35	Análise do Fornecimento de Serviços Ancilares por um Sistema de Armazenamento de Energia Baseado em Bateria. , 0, , .		0
36	Design, Development and Analysis of a Voltage Sensor Based on Capacitive Voltage Divider for Smart Grid Applications. , 0, , .		0

#	Article	IF	Citations
37	Análise da Inserção de Sistemas de Armazenamento de Energia por Bateria na Rede Elétrica - Estudo de Caso. , 0, , .		0
38	Tecnologias para Sistemas de Armazenamento de Energia - Revisão e Estudo de Caso. , 0, , .		0