

Paola Verde

List of Publications by Year in descending order

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68
papers

960
citations

623734

14
h-index

580821

25
g-index

69
all docs

69
docs citations

69
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Indices of Intermittence to Improve the Forecasting of the Voltage Sags Measured in Real Systems. IEEE Transactions on Power Delivery, 2022, 37, 1252-1263.	4.3	6
2	On the Forecast of the Voltage Sags Using the Measurements in Real Power Systems. , 2022, , .		0
3	Optimal Siting and Sizing of Electrical Energy Storages Accounting for Voltage Dip Economic Regulation. , 2022, , .		0
4	Impact of Synchronous Compensators on the Robustness in Short-Circuit Conditions of Transmission Systems with High Share of RES. , 2022, , .		0
5	Initial Results of an Extensive, Long-Term Study of the Forecasting of Voltage Sags. Energies, 2021, 14, 1264.	3.1	11
6	On the Forecast of the Voltage Sags: First Stages of Analysis on Real Systems. , 2020, , .		7
7	Planning of Distributed Energy Storage Systems in $\hat{1}/4$ Grids Accounting for Voltage Dips. Energies, 2020, 13, 401.	3.1	11
8	Probabilistic Estimation of the Energy Consumption and Performance of the Lighting Systems of Road Tunnels for Investment Decision Making. Energies, 2019, 12, 1488.	3.1	5
9	Effects of Voltage Dips on Robotic Grasping. Robotics, 2019, 8, 28.	3.5	4
10	Detecting the Origin of the Voltage Sags Measured in the Smart Grids. , 2019, , .		5
11	Analysis of the origin of measured voltage sags in interconnected networks. Electric Power Systems Research, 2018, 154, 391-400.	3.6	34
12	Sag Estimation of Real Transmission Systems for Faults Along the Lines in the Presence of Distributed Generation. , 2018, , .		2
13	Voltage sag estimation of real transmission systems for faults along the lines. , 2018, , .		6
14	Comparison of methods using only voltage measurements for detecting the origin of voltage sags in the modern distribution networks. , 2018, , .		4
15	Impact of Distributed Generation on the Voltage Sag Performance of Transmission Systems. Energies, 2017, 10, 959.	3.1	16
16	User friendly smart distributed measurement system for monitoring and assessing the electrical power quality. , 2015, , .		13
17	Voltage sags in the automotive industry: Analysis and solutions. Electric Power Systems Research, 2014, 110, 25-30.	3.6	14
18	Integrated modelling and experimental verification of energy consumption and performance of the lighting systems of tunnels. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Development of innovative systems for operation and control of electric power distribution networks: Management and optimal use of distributed generation and of renewable energy resources. , 2012, , .		1
20	Site and System Indices for Power-Quality Characterization of Distribution Networks With Distributed Generation. IEEE Transactions on Power Delivery, 2011, 26, 1304-1316.	4.3	31
21	On the robustness of the distribution systems against voltage dips: The analytical assessment for different structure variations. , 2010, , .		1
22	System voltage quality regulation for continuous disturbances. , 2010, , .		5
23	Methods for Assessing the Robustness of Electrical Power Systems Against Voltage Dips. IEEE Transactions on Power Delivery, 2009, 24, 43-51.	4.3	30
24	Tools for assessing the robustness variation of power system against voltage dips. Renewable Energy and Power Quality Journal, 2009, 1, 749-753.	0.2	0
25	A Framework for Regulation of RMS Voltage and Short-Duration Under and Overvoltages. IEEE Transactions on Power Delivery, 2008, 23, 2105-2112.	4.3	19
26	On the economic regulation of voltage quality. , 2008, , .		1
27	On Energy Recovery Possibility at Test Facility of Generator Sets. , 2007, , .		1
28	Complete matrix formulation of fault-position method for voltage-dip characterisation. IET Generation, Transmission and Distribution, 2007, 1, 56.	2.5	30
29	A global index for discrete voltage disturbances. , 2007, , .		18
30	Analysis and design of a combined system of shunt passive and active filters. European Transactions on Electrical Power, 2007, 4, 155-162.	1.0	6
31	Fast Probabilistic Assessment of Voltage Dips in Power Systems. , 2006, , .		1
32	Power Quality Indices of Distribution Networks with Embedded Generation. , 2006, , .		1
33	Power Quality Assessment in Liberalized Market: Probabilistic System Indices for Distribution Networks with Embedded Generation. , 2006, , .		1
34	Energy Planning with Air Pollution Constraints. International Journal of Emerging Electric Power Systems, 2006, 7, .	0.8	1
35	The effects of voltage waveform factors on cable life estimation using measured distorted voltages. , 2006, , .		18
36	Impact of fuel cell-based embedded generation on distribution networks. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
37	Analytical Modeling for Harmonic Analysis of Line Current of VSI-Fed Drives. IEEE Transactions on Power Delivery, 2004, 19, 1212-1224.	4.3	42
38	Objective pulsatile tinnitus: case report. Acta Otorhinolaryngologica Italica, 2003, 23, 383-7.	1.5	1
39	On the economic selection of medium voltage cable sizes in nonsinusoidal conditions. IEEE Transactions on Power Delivery, 2002, 17, 1-7.	4.3	9
40	Time-varying harmonics. II. Harmonic summation and propagation. IEEE Transactions on Power Delivery, 2002, 17, 279-285.	4.3	95
41	Decision theory criteria for medium voltage cable sizing in presence of nonlinear loads. International Journal of Electrical Power and Energy Systems, 2001, 23, 507-516.	5.5	12
42	First-order probabilistic harmonic power flow. IET Generation, Transmission and Distribution, 2001, 148, 541.	1.1	22
43	Probabilistic three-phase load flow. International Journal of Electrical Power and Energy Systems, 1999, 21, 55-69.	5.5	38
44	Inherent structure theory of networks and power system harmonics. IET Generation, Transmission and Distribution, 1998, 145, 123.	1.1	53
45	Time-varying harmonics. I. Characterizing measured data. IEEE Transactions on Power Delivery, 1998, 13, 938-944.	4.3	108
46	Probabilistic evaluation of the economical damage due to harmonic losses in industrial energy system. IEEE Transactions on Power Delivery, 1996, 11, 1021-1031.	4.3	40
47	Correction to "Probabilistic Evaluation of the Economical Damage Due to Harmonic Losses in Industria. IEEE Transactions on Power Delivery, 1996, 11, 1692.	4.3	3
48	New tool for reactive power planning. IEE Proceedings C: Generation Transmission and Distribution, 1993, 140, 256.	0.3	8
49	Technical and Economical Feasibility of Use of a Non-Conventional Filtering System in Hvdc Stations. , 0, , .		0
50	A simplified method for the probabilistic evaluation of the economical damage due to harmonic losses. , 0, , .		7
51	AC and DC arc furnaces: a comparison on some power quality aspects. , 0, , .		19
52	High speed AC locomotives: harmonic and interharmonic analysis at a vehicle test room. , 0, , .		7
53	Cost-related harmonic limits. , 0, , .		9
54	Cost of harmonic effects as meaning of standard limits. , 0, , .		4

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55	Simplified expressions for the evaluation of the cyclic ratings of low and medium voltage cables in non sinusoidal conditions. , 0, , .		2
56	Power quality degradation effects on PWM voltage source inverter with diode bridge rectifier. , 0, , .		9
57	An approach to life estimation of electrical plant components in the presence of harmonic distortion. , 0, , .		32
58	An object-oriented approach to analyse the capability of industrial electrical components in presence of harmonics. , 0, , .		0
59	Probabilistic harmonic power flow for percentile evaluation. , 0, , .		6
60	An integrated probabilistic harmonic index. , 0, , .		13
61	Static series compensator for voltage dip mitigation with zero-sequence injection capability. , 0, , .		4
62	Some considerations on single site and system probabilistic harmonic indices for distribution networks. , 0, , .		7
63	Estimation of thermal useful life of MV/LV cables in presence of harmonics and moisture migration. , 0, , .		8
64	On robustness of distribution systems against voltage dips. , 0, , .		1
65	Power converters for fuel-cells based UPS to improve power quality. , 0, , .		2
66	Probabilistic Modeling for Network Analysis. , 0, , 95-113.		0
67	Probabilistic Harmonic Indices. , 0, , 137-147.		0
68	Tools for Assessing the Robustness of Electrical System against Voltage Dips in terms of Amplitude, Duration and Frequency. Renewable Energy and Power Quality Journal, 0, , 177-182.	0.2	2