

# Jiri Drapela

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

345  
citations

1307594

7  
h-index

1588992

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g-index

42  
all docs

42  
docs citations

42  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evaluation and classification of LED lamps for typical residential applications. , 2017, , .		23
2	Light flicker of fluorescent lamps with different types of ballasts caused by interharmonics. , 2005, , .		21
3	Interharmonic - Flicker Curves of Lamps and Compatibility Lever for Interharmonic Voltages. , 2007, , .		21
4	Light Flicker and Power Factor Labels for Comparing LED Lamp Performance. IEEE Transactions on Industry Applications, 2019, 55, 7062-7070.	4.9	20
5	Experimental evaluation and classification of LED lamps for light flicker sensitivity. , 2018, , .		19
6	Control of serial port (RS-232) communication in LabVIEW. , 2008, , .		17
7	Generalized lamp model for light flicker studies. Electric Power Systems Research, 2018, 154, 413-422.	3.6	16
8	Power quality issues related to power flow control in systems with renewable energy micro sources. , 2016, , .		15
9	A Tunable Flickermeter to Account for Different Lamp Technologies. IEEE Transactions on Power Delivery, 2017, 32, 872-880.	4.3	15
10	Analysis of Approaches for Modeling the Low Frequency Emission of LED Lamps. Energies, 2020, 13, 1571.	3.1	15
11	Flickering of lamps due to ripple control signal. , 2011, , .		13
12	Proposal of a Desynchronized Processing Technique for Assessing High-Frequency Distortion in Power Systems. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3883-3891.	4.7	13
13	Design and utilization of a light flickermeter. , 2012, , .		11
14	An earth fault location method based on negative sequence voltage changes at low voltage side of distribution transformers. International Journal of Electrical Power and Energy Systems, 2020, 118, 105768.	5.5	11
15	A new simplified model of compact fluorescent lamps in the scenario of smart grids. , 2012, , .		10
16	Frequency response of revenue meters in measured active energy. , 2016, , .		10
17	A time domain based flickermeter with response to high frequency interharmonics. , 2008, , .		9
18	Harmonic Modelling of LED lamps by Means of Admittance Frequency Coupling Matrices. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Practical Experience of Operational Diagnostics and Defectoscopy on Photovoltaic Installations in the Czech Republic. <i>Energies</i> , 2015, 8, 11234-11253.	3.1	8
20	Issues and Challenges Related to Interharmonic Distortion Limits. , 2020, , .		7
21	Solution of voltage asymmetry and reduction of outage time in MV compensated networks. , 2008, , .		6
22	A real life light flicker case-study with LED lamps. , 2018, , .		6
23	Hybrid Photovoltaic Systems with Accumulationâ€™Support for Electric Vehicle Charging. <i>Energies</i> , 2017, 10, 834.	3.1	5
24	Assessing Distortion Within the IEC Framework in the Presence of High Frequency Components: Some Considerations on Signal Processing. , 2018, , .		5
25	Performance of Standard Power/Energy Metric under Fast Changes in Active Energy Flow Direction. , 2020, , .		5
26	System for measuring and collecting data from solar-cell systems. , 2007, , .		4
27	Personal computers immunity to short voltage dips and interruptions. , 2008, , .		4
28	An alternative flickermeter evaluating high-frequency interharmonic voltages. , 2012, , .		4
29	Operational characteristics of photovoltaic systems. , 2014, , .		4
30	Voltage regulation optimization in low voltage network based on Voltage Quality Index. , 2014, , .		4
31	Assessment of Effectiveness of Distributed Generation Support for Voltage Regulation by Means of Power Control. , 2019, , .		4
32	Voltage sensitivity to power flows related to distributed generation. , 2016, , .		3
33	Battery Storage and Charging Systems Power Control Supporting Voltage in Charging Mode. , 2020, , .		2
34	Power Generating Modules Field Testing Concepts for Verification of Compliance with Operational Requirements. , 2020, , .		2
35	Verification of flickermeters under new edition of IEC 61000-4-15. , 2011, , .		1
36	Flicker and driver topology assessment of Extra Low Voltage LED lamps under DC supply. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	A Preliminary Study on Modeling of Voltage Induced Flicker Sensitivity of Fluorescent and LED Lamps with Closed-Loop Control. , 2020, , .		1
38	Light sources immunity to short voltage dips and interruptions. , 2009, , .		1
39	Experimental assessment of voltage sags effects on induction machine operation. , 2005, , .		0
40	A voltage event recorder for more accurate analysis of voltage events in power supply systems. , 2011, , .		0
41	Operational testing of grid-tied micro inverters. , 2018, , .		0
42	Demand Responsive Power Flow Controller Providing Resistive Load Perspective Regulation in Cooperation with Small Generation Units. , 2020, , .		0