Izaskun Azcarate

List of Publications by Year
in descending order

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Version: 2024-02-01

26 papers	194 citations	1163117 8 h-index	1125743 13 g-index
26 all docs	26 docs citations	26 times ranked	154 citing authors

#	Article	IF	Citations
1	Flicker of Modern Lighting Technologies Due to Rapid Voltage Changes. Energies, 2019, 12, 865.	3.1	21
2	Experimental study of the response of efficient lighting technologies to complex voltage fluctuations. International Journal of Electrical Power and Energy Systems, 2014, 63, 499-506.	5.5	18
3	Flicker characteristics of efficient lighting assessed by the IEC flickermeter. Electric Power Systems Research, 2014, 107, 21-27.	3.6	17
4	Influence of the Carrier Phase on Flicker Measurement for Rectangular Voltage Fluctuations. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 629-635.	4.7	13
5	Towards limiting the sensitivity of energy-efficient lighting to voltage fluctuations. Renewable and Sustainable Energy Reviews, 2016, 59, 1384-1395.	16.4	12
6	Effect of the Sampling Rate on the Assessment of Flicker Severity Due to Phase Jumps. IEEE Transactions on Power Delivery, 2011, 26, 2215-2222.	4.3	10
7	Accurate Differentiation for Improving the Flicker Measurement in Wind Turbines. IEEE Transactions on Power Delivery, 2017, 32, 88-96.	4.3	10
8	An alternative strategy to improve the flicker severity measurement. International Journal of Electrical Power and Energy Systems, 2014, 63, 667-673.	5.5	9
9	Experimental Study of the Summation of Flicker Caused by Wind Turbines. Energies, 2019, 12, 2404.	3.1	8
10	The impact of ventilation rate on end-tidal carbon dioxide level during manual cardiopulmonary resuscitation. Resuscitation, 2020, 156, 215-222.	3.0	8
11	Flicker measurement in real scenarios: Reducing the divergence from the human perception. Electric Power Systems Research, 2016, 140, 312-320.	3.6	7
12	Sensitivity of modern lighting technologies at varying flicker severity levels. International Journal of Electrical Power and Energy Systems, 2017, 92, 34-41.	5.5	7
13	Sensitivity to flicker of dimmable and non-dimmable lamps. , 2012, , .		6
14	A strategy for improving the accuracy of flicker emission measurement from wind turbines. Electric Power Systems Research, 2016, 133, 12-19.	3.6	6
15	Monitoring chest compression quality during cardiopulmonary resuscitation: Proof-of-concept of a single accelerometer-based feedback algorithm. PLoS ONE, 2018, 13, e0192810.	2.5	6
16	Assessment of the evolution of end-tidal carbon dioxide within chest compression pauses to detect restoration of spontaneous circulation. PLoS ONE, 2021, 16, e0251511.	2.5	6
17	Type testing of a highly accurate illuminance flickermeter. , 2012, , .		5
18	Detection and analysis of rapid voltage changes in power system networks. , 2014, , .		5

#	Article	IF	Citations
19	Minimum requirements for rapid voltage changes regulation based on their effect on flicker. , 2017, , .		5
20	Sensitivity of modern lighting technologies to rapid voltage changes. , 2018, , .		3
21	Improving the Detection of RVCs for a Better Assessment of Their Influence on Flicker. IEEE Transactions on Power Delivery, 2022, 37, 658-663.	4.3	3
22	Case study: Flicker emission and 3P power oscillations on fixed-speed wind turbines. , 2012, , .		2
23	Effects of digital differentiation on flicker measurements in wind turbines. , 2014, , .		2
24	Revision of the standard method for statistical evaluation of flicker coefficients in wind turbines. , 2014, , .		2
25	A proposal for verification tests for the flicker measurement procedure of grid-connected wind turbines. Measurement: Journal of the International Measurement Confederation, 2017, 95, 116-127.	5.0	2
26	Measurement of the flicker characteristics of grid connected wind turbines: Instantaneous frequency versus instantaneous phase estimation methods. , 2010, , .		1