

Grzegorz Wiczynski

List of Publications by Year in descending order

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38
papers

308
citations

840119

11
h-index

887659

17
g-index

38
all docs

38
docs citations

38
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Voltage Fluctuations in Power Networks. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 2655-2664.	2.4	45
2	Distance Estimation With a Long-Range Ultrasonic Sensor System. IEEE Sensors Journal, 2009, 9, 767-773.	2.4	44
3	Simple Model of Flickermeter Signal Chain for Deformed Modulating Signals. IEEE Transactions on Power Delivery, 2008, 23, 1743-1748.	2.9	24
4	Sectional Approximation of the Flickermeter Transformation Characteristic for a Sinusoidal Modulating Signal. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 2355-2363.	2.4	17
5	Voltage-Fluctuation-Based Identification of Noxious Loads in Power Network. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2893-2898.	2.4	17
6	Inaccuracy of Short-Term Light Flicker P_{st} Indicator Measuring With a Flickermeter. IEEE Transactions on Power Delivery, 2012, 27, 842-848.	2.9	17
7	Determining location of voltage fluctuation source in radial power grid. Electric Power Systems Research, 2020, 180, 106069.	2.1	16
8	Basic Characteristics of IEC Flickermeter Processing. Modelling and Simulation in Engineering, 2012, 2012, 1-9.	0.4	15
9	Problem of Total Harmonic Distortion Measurement Performed by Smart Energy Meters. Measurement Science Review, 2022, 22, 1-10.	0.6	15
10	A Model of the Flickermeter for Frequency Modulation of the Input Voltage. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2139-2144.	2.4	12
11	Estimation of P_{st} indicator values on the basis of voltage fluctuation indices. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2046-2055.	2.4	12
12	Flicker Vision of Selected Light Sources. Measurement Science Review, 2017, 17, 232-240.	0.6	11
13	Model of V_{10} -meter signal chain for periodic voltage fluctuation. Measurement: Journal of the International Measurement Confederation, 2016, 93, 224-231.	2.5	9
14	Determination of the parameters of voltage variation with voltage fluctuation indices. , 2016, , .		8
15	Unsharpness of Thermograms in Thermography Diagnostics of Electronic Elements. Electronics (Switzerland), 2020, 9, 897.	1.8	8
16	Dependence of Voltage Fluctuation Severity on Clipped Sinewave Distortion of Voltage. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	2.4	8
17	Estimation of P_{st} indicator value for a simultaneous influence of two disturbing loads. Electric Power Systems Research, 2017, 147, 97-104.	2.1	5
18	<title>Specificity of software cooperating with an optoelectronic sensor in the pulse oximeter system</title>. , 1995, , .		4

#	ARTICLE	IF	CITATIONS
19	<title>Optical scanner for mobile robots</title>. , 1997, 3054, 40.		4
20	Description of Voltage Fluctuations in LV Power Network with The Use of P_{<i>st</i>} Indicator And Voltage Fluctuation Indices. , 2008, , .		4
21	Voltage Distortion Influence on Flicker Severity Measurement by AMI Energy Meters. IEEE Transactions on Industrial Electronics, 2022, 69, 10684-10693.	5.2	4
22	Standard Measurement of Interharmonics in a Power Supply System While Evaluating Obnoxiousness of a Flicker. , 2008, , .		2
23	Flicker Dependency on Voltage Fluctuation at Frequencies Greater Than Power Frequency. , 2022, , .		2
24	Search for disturbing loads in power network with the use of voltage and current fluctuation. , 2010, , .		1
25	Diagnostic capabilities of voltage fluctuation indices - a case study. , 2012, , .		1
26	An example of converting voltage fluctuation indices into P_{st} indicator. , 2018, , .		1
27	Influence of Sampling Rate on Flicker Assessment by IEC Flickermeter Built-In AMI Energy Meters. IEEE Transactions on Industrial Electronics, 2022, 69, 9566-9574.	5.2	1
28	Examples of Transillumination Techniques Used in Medical Measurements and Imaging. , 2006, , 351-364.		1
29	Open optical links in data transmission. , 2003, 5124, 262.		0
30	<title>Transillumination of peripheral parts of the body with the use of optical radiation</title>. , 2006, 6348, 113.		0
31	Imaging Used to Control the Esophagus Stenting. , 2007, , .		0
32	Modern Approach to Imaging of Biliary Ducts Stenting. , 2007, , .		0
33	P_{st} indicator's value estimation with two independent amplitude modulating signals. , 2012, , .		0
34	Methods of representing the results of voltage fluctuation indices measurements. , 2016, , .		0
35	Selected Problems of P_{st}-Factor Estimation Related to the IEC Flickermeter's Nonlinearity. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2381-2388.	2.4	0
36	Description of Voltage Variation in Power Grids on the Basis of Voltage Fluctuation Indices. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	The Dependence of the Pst Indicator on the Rectangular Modulating Signal Frequency for Sinusoidal Voltage in the Power Grid. , 2021, , .		0
38	Examples of Transillumination Techniques Used in Medical Measurements and Imaging. , 2006, , 351-364.		0