

Irena Fryc

List of Publications by Year in descending order

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papers

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1477746

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44
all docs

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docs citations

44
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	LED-based spectrally tunable source for radiometric, photometric, and colorimetric applications. Optical Engineering, 2005, 44, 111309.	0.5	66
2	The Drive towards Optimization of Road Lighting Energy Consumption Based on Mesopic Visionâ€™A Suburban Street Case Study. Energies, 2021, 14, 1175.	1.6	21
3	Machine-Learning Assisted Prediction of Spectral Power Distribution for Full-Spectrum White Light-Emitting Diode. IEEE Photonics Journal, 2020, 12, 1-18.	1.0	14
4	Spectral matching with an LED-based spectrally tunable light source. , 2005, 5941, 300.		13
5	The Influence of Luminaire Photometric Intensity Curve Measurements Quality on Road Lighting Design Parameters. Energies, 2020, 13, 3301.	1.6	9
6	Spectral correction of the measurement CCD array. Optical Engineering, 2002, 41, 2402.	0.5	7
7	Urban park lighting as a source of botanical light pollution. Photonics Letters of Poland, 2019, 11, 90.	0.2	7
8	Lighting of recreation grounds as a source of sky glow â€™ The influence of luminaire type on this phenomenon. , 2017, , .		6
9	The LED spectral power distribution modelled by different functions - how spectral matching quality affected computed LED color parameters. , 2019, , .		6
10	RozwaÅ¼ania o jakoÅ›ci oddawania barw Å³deÅ, ÅwiatÅ,a, wyraÅ¼anej wskaÅ³nikiem Ra (CRI), uwzglÄ™dniajÄ™ce fizjologiÄ™ widzenia oraz zagadnienia techniczno-prawne. PrzeglÄ™d Elektrotechniczny, 2016, 1, 220-225.	0.1	6
11	<title>Spectral correction of a detector used in illuminance measurements</title>. , 1999, , .		5
12	An automated system for evaluation of the quality of light sources. , 2016, , .		5
13	Outdoor Areas Lighting with LEDs â€™ the Competition Between Scotopic Efficacy and Light Pollution. Photonics Letters of Poland, 2019, 11, 75.	0.2	5
14	Landscape lighting as a source of light pollution - the effect of the seasons on this phenomenon. , 2016, , .		4
15	Application of different metrics for describing light color quality of white LED. Photonics Letters of Poland, 2021, 13, 31.	0.2	4
16	On the Relation between the Astronomical and Visual Photometric Systems in Specifying the Brightness of the Night Sky for Mesopically Adapted Observers. LEUKOS - Journal of Illuminating Engineering Society of North America, 0, , 1-12.	1.5	4
17	New method of angular correction of a luxmeter photometric head. Optical Engineering, 2000, 39, 3260.	0.5	2
18	<title>Errors of spectral correction caused by the diffusing element of the photometric meter head during illuminance measurement</title>. , 2001, , .		1

#	ARTICLE	IF	CITATIONS
19	Accuracy of spectral correction of a CCD array for luminance distribution measurement. , 2003, , .		1
20	Application of optical fibers and CCD array for measurement of luminance distribution. , 2003, , .		1
21	A spectrally tunable solid-state source for radiometric, photometric, and colorimetric applications. , 2004, , .		1
22	Design issue of novel type of an illuminance meter photometric head. Journal of Modern Optics, 2009, 56, 1504-1508.	0.6	1
23	Light-emitting diodes in dermatology: stimulation of wound healing. Przegląd Dermatologiczny, 2016, 2, 169-175.	0.0	1
24	Techniczne aspekty bezpieczeÅstwa fotobiologicznego ÅrÅ³deÅ, ÅwiatÅ,a, stosowanych do uÅ¼ytku domowego, z uwzglÅdnieniem zagadnieÅ, medyczno-prawnych. Przegląd Elektrotechniczny, 2017, 1, 234-239.	0.1	1
25	Zanieczyszczenia nocnego nieboskÅonu ÅwiatÅem emitowanym przez oprawy oÅwietlenia zewnÅtrznego. Przegląd Elektrotechniczny, 2017, 1, 48-51.	0.1	1
26	Analiza wpÅywu czuÅoÅci widmowej spektrometru na niedokÅadnoÅÅ pomiarÅw kolorymetrycznych. Przegląd Elektrotechniczny, 2017, 1, 95-98.	0.1	1
27	WpÅyw wÅaÅciwoÅci odbiciowych podÅoÅa na ktÅym zainstalowano danÅ... oprawÅ oÅwietleniowÅ... na wzglÅdnÅ... wartoÅÅ zanieczyszczenia jej otoczenia ÅwiatÅem. Polish Journal for Sustainable Development, 2017, 21, 137-144.	0.0	1
28	Analiza parametrÅw promieniowania optycznego kompaktowych lamp wyÅadowczych HID oraz moduÅw LED COB uÅywanymi do oÅwietlania witryn sklepowych. Przegląd Elektrotechniczny, 2017, 1, 188-191.	0.1	1
29	Electrical and optical characterization of metal oxide/metal/polymer multilayer thin films. , 1998, 3320, 270.		0
30	<title>Chosen properties of a photometric detector BPYP 07</title>. , 2001, , .		0
31	<title>Angular characteristics of a silicon detector spectral sensitivity corrected by an absorption filter</title>. , 2001, , .		0
32	<title>Effect of measurement geometry on colorimetric head spectral errors</title>. , 2001, , .		0
33	<title>New approach to the spatial correction of luxmeter photometric heads</title>. , 2001, , .		0
34	Analysis of the spectral correction errors of illuminance meter photometric head under the influence of the diffusing element. Optical Engineering, 2001, 40, 1636.	0.5	0
35	Fiber optic element for spatial correction of the luxmeter photometric head. , 2003, , .		0
36	<title>Illumination quality measurement of the work-station</title>. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
37	<title>A spectrally tunable LED sphere source enables accurate calibration of tristimulus colorimeters</title>. , 2006, 6158, 125.		0
38	The Influence of Spectral Measurements Uncertainty of Fluorescent Lamps on Calculated Value of Their Relative Melanopic Weighted Irradiance and Colour Quality Parameters. , 2018, , .		0
39	Luminance Calibration and Linearity Correction Method of Imaging Luminance Measurement Devices. Photonics Letters of Poland, 2021, 13, 25.	0.2	0
40	Analiza dokÅ,adnoÅ>ci pomiaru, wzglÄ™dnego rozkÅ,adu egzytancji widmowej Å³deÅ, ÅwiatÅ,a, dokonanego przy uÅ¼yciu spektrometri kompaktowego. Przegląd Elektrotechniczny, 2015, 1, 173-177.	0.1	0
41	Colour rendition quality of typical fluorescent lamps determined by CIE Colour Fidelity Index and Colour Rendering Index. Przegląd Elektrotechniczny, 2019, 1, 96-99.	0.1	0