

Miomir Kostic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

309
citations

9
h-index

17
g-index

24
ext. papers

377
ext. citations

3.5
avg, IF

3.85
L-index

#	Paper	IF	Citations
24	Recommendations for energy efficient and visually acceptable street lighting. <i>Energy</i> , 2009 , 34, 1565-1572	7.9	83
23	Actual energy savings when replacing high-pressure sodium with LED luminaires in street lighting. <i>Energy</i> , 2018 , 157, 367-378	7.9	56
22	Detection of series arcing in low-voltage electrical installations. <i>European Transactions on Electrical Power</i> , 2009 , 19, 423-432		22
21	Technical and economic analysis of road lighting solutions based on mesopic vision. <i>Building and Environment</i> , 2009 , 44, 66-75	6.5	22
20	Reductions in electricity consumption and power demand in case of the mass use of compact fluorescent lamps. <i>Energy</i> , 2009 , 34, 1355-1363	7.9	21
19	Drivers' Preference for the Color of LED Street Lighting. <i>IEEE Access</i> , 2019 , 7, 72850-72861	3.5	12
18	The voltage distortion in low-voltage networks caused by compact fluorescent lamps with electronic gear. <i>Electric Power Systems Research</i> , 2005 , 73, 129-136	3.5	12
17	Luminous flux to input power ratio, power factor and harmonics when dimming high-pressure sodium and LED luminaires used in road lighting. <i>Lighting Research and Technology</i> , 2019 , 51, 304-323	2	11
16	Analysis of influence of imperfect contact between grounding electrodes and surrounding soil on electrical properties of grounding loops. <i>Electrical Engineering</i> , 2014 , 96, 255-265	1.5	9
15	Warm white versus neutral white LED street lighting: Pedestrians' impressions. <i>Lighting Research and Technology</i> , 2019 , 51, 1237-1248	2	8
14	A new procedure for determining the road surface reduced luminance coefficient table by on-site measurements. <i>Lighting Research and Technology</i> , 2019 , 51, 65-81	2	7
13	Reductions in electricity losses in the distribution power system in case of the mass use of compact fluorescent lamps. <i>Electric Power Systems Research</i> , 2011 , 81, 465-477	3.5	7
12	An Algorithm for Estimating the Grounding Resistance of Complex Grounding Systems Including Contact Resistance. <i>IEEE Transactions on Industry Applications</i> , 2015 , 51, 5167-5174	4.3	6
11	Quick calculation of the grounding resistance of a typical 110 kV transmission line tower grounding system. <i>Electric Power Systems Research</i> , 2016 , 131, 178-186	3.5	6
10	The Impact of an Incomplete Overlap of a Copper Conductor and the Corresponding Terminal on the Contact Temperature. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 1644-1654	1.7	6
9	Comparison of electronic and conventional ballasts used in roadway lighting. <i>Lighting Research and Technology</i> , 2014 , 46, 407-420	2	4
8	Detection of Poor Contacts in Low-Voltage Electrical Installations. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 129-137	1.7	4

7	Modifications to the CIE 115-2010 procedure for selecting lighting classes for roads. <i>Lighting Research and Technology</i> , 2016 , 48, 340-351	2	3
6	Effects of a Reduced Torque on Heating of Electrical Contacts in Plugs and Receptacles. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 1905-1913	1.7	3
5	An open source tool for transmission system analysis and planning. <i>Energy Systems</i> , 2014 , 5, 705-717	1.7	2
4	Opinion: The importance of developing city street lighting maps. <i>Lighting Research and Technology</i> , 2016 , 48, 916-916	2	2
3	Comparison of energy efficiency and costs related to conventional and LED road lighting installations. <i>Energy</i> , 2022 , 254, 124299	7.9	2
2	Voltage distortion in LED street lighting installations. <i>Electrical Engineering</i> , 2021 , 103, 2161-2180	1.5	1
1	Improved measurement accuracy of industrial-commercial thermal imagers when inspecting low-voltage electrical installations. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 185, 109934	4.6	0