

Analysis and application of light-technical parameters to assure pedestrian safety on roadway crossings with additional lighting

Varjas, Toivo; Armas, Jelena; **Rosin, Argo** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 / p. 148-151 : ill http://www.ester.ee/record=b4650094*est

Assessing the applicability of the European standard EN 17037:2018 for office spaces in a cold climate

Sepulveda Luque, Abel; **De Luca, Francesco**; **Varjas, Toivo**; **Kurnitski, Jarek** Building and environment 2022 / art. 109602 <https://doi.org/10.1016/j.buildenv.2022.109602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of pedestrian crossings measuring parameters and implementation of new measuring methods in Estonia

Varjas, Toivo; **Kuusik, Marko**; **Armas, Jelena**; **Rosin, Argo** 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 4 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659821>

Awareness of BSR municipalities about sustainable urban lighting and green public procurements

Korõtko, Tarmo; **Rosin, Argo**; **Varjas, Toivo**; **Ahmadihangar, Roya** 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160761>

Case study of outdoor digital screens effect on drivers

Parker, Martin; **Rosin, Argo**; **Antov, Dago**; **Varjas, Toivo**; **Möller, Taavi**; **Gorislavskaja, Inna** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830768>

Case study of smart city lighting system with motion detector and remote control

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Defining the light-technical parameters and applying the recommended measuring methods for creating the smart crossings

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Design of performance characteristics on laser treated denim fabric

Mandre, Nele; **Plamus, Tiia**; **Linder, Angelika**; **Varjas, Toivo**; **Majak, Jüri**; **Krumme, Andres** The materials science = Medžiagotyra 2023 / 10 p. : ill <https://doi.org/10.5755/j02.ms.33259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of performance characteristics on laser treated denim fabric : [conference paper]

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Development of new requirements for outdoor advertisement screens

Varjas, Toivo 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 231-232 : ill https://www.ester.ee/record=b5183874*est

Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 1, Kvaliteedi üldnäitajad ja juhisväärtused = Lighting of pedestrian crossings with additional lighting. Part 1, General quality characteristics and guide values

2024 https://www.ester.ee/record=b5674202*est

Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 2, Arvutamine ja mõõtmine = Lighting of pedestrian crossings with additional lighting. Part 2, Calculation and measurement

2024 https://www.ester.ee/record=b5674203*est

Multi-performance optimization of static shading devices for glare, daylight, view and energy consideration

De Luca, Francesco; **Sepulveda Luque, Abel**; **Varjas, Toivo** Building and environment 2022 / art. 109110 <https://doi.org/10.1016/j.buildenv.2022.109110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Research and development of measurement solution and methodology for assessment of light reflection from surfaces = Mõõtelahenduse ja -metoodika uurimine ning arendamine pindadelt valguse peegeldumise hindamiseks

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Road lighting measurement and evaluation of new technologies

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Short-circuit currents calculation algorithm in street lighting networks

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Short-circuit currents calculations in street lighting networks

Armas, Jelena; Ivanov, Aleksandr; Varjas, Toivo 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 / [9] p. : ill
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Static Shading Optimization for Glare Control and Daylight

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Tallinna valgusreostus luubi all

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