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Education Information

Doctorate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilim Ve Teknoloji, Turkey 2007 - 2017

Postgraduate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilim Ve Teknoloji, Turkey 2003 - 2006

Undergraduate, Istanbul University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1999 - 2003

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Electrical and Electronics Engineering, Energy, Lighting Technology, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Enerji Enstitüsü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **DESIGN OF A CHIP ON BOARD (COB) LED BASED INDUSTRIAL LUMINAIRE WITH THERMAL SIMULATIONS**
Ates S., Yurtseven M. B., Onaygil S.
LIGHT & ENGINEERING, vol.27, no.2, pp.78-87, 2019 (SCI-Expanded)
- II. **Determining minimum visibility levels in different road lighting scenarios**
Büyükkınacı B., ONAYGİL S., GÜLER Ö., Yurtseven M. B.
Lighting Research & Technology, vol.50, pp.1045-1056, 2018 (SCI-Expanded)
- III. **THERMAL DESIGN OF AN LED SYSTEM: A SPECIAL LANTERN FOR TURKISH HISTORICAL MOSQUES**
Erdem Atılğan L., Yurtseven M. B.
LIGHT & ENGINEERING, vol.25, no.2, pp.30-41, 2017 (SCI-Expanded)
- IV. **The effects of temperature and driving current on the key parameters of commercially available, high-power, white LEDs**
Yurtseven M. B., METE S., Onaygil S.
LIGHTING RESEARCH & TECHNOLOGY, vol.48, no.8, pp.943-965, 2016 (SCI-Expanded)
- V. **COMPARISON OF ROAD LIGHTING CALCULATIONS WITH MEASUREMENTS USING CONVENTIONAL AND CAMERA LUMINANCE METERS**
BUYUKKINACI B., Onaygil S., Güler Ö., Yurtseven M. B.

LIGHT & ENGINEERING, vol.24, no.4, pp.56-63, 2016 (SCI-Expanded)

VI. Thermal simulation and validation of LED-based luminaires using two-resistor compact thermal model

Yurtseven M. B., Onaygil S., OGUS G.

LIGHTING RESEARCH & TECHNOLOGY, vol.46, no.5, pp.576-586, 2014 (SCI-Expanded)

VII. An experimental investigation of energy saving potentials for room type variable-speed air conditioners in public offices: A case study from Istanbul

Yurtseven M. B., Erkin E., ACUNER E., Mete S., Onaygil S.

Energy and Buildings, vol.68, no.PARTA, pp.165-171, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Energy Labelling of Electrical Lamps and Luminaires in the Scope of Eco-design

Yurtseven M. B., Erdem Atılğan L.

SMART METROPOLES Integrated solutions for Sustainable and Smart Buildings & Cities, İstanbul, Turkey, 13 - 15 October 2016, pp.401-409

II. A Survey on the Utilization Trends of LED Light Sources in Turkish Residences

Erdem Atılğan L., Yurtseven M. B.

SMART METROPOLES Integrated solutions for Sustainable and Smart Buildings & Cities, İstanbul, Turkey, 13 - 15 October 2016, pp.338-347

III. ANALYSIS OF ROAD LIGHTING AUTOMATION SCENARIOS ACCORDING TO VISIBILITY PERFORMANCE

BUYUKKINACI B., Onaygil S., Güler Ö., Yurtseven M. B.

CIE Conference on Lighting Quality and Energy Efficiency, Melbourne, Australia, 3 - 05 March 2016, pp.355-364

IV. Thermal Design of an Energy Efficient LED Lantern for the Interior Lighting of Turkish Historical Mosques

Erdem Atılğan L., Yurtseven M. B.

Balkan Light 2015, Atina, Greece, 16 - 19 September 2015, pp.385-390

V. LED Işık Kaynağı Kullanan Sistemlerin Isıl Tasarımında İzlenecek Yöntemler

Erdem Atılğan L., Yurtseven M. B.

10. Ulusal Aydınlatma Kongresi, İstanbul, Turkey, 16 - 18 April 2015, pp.235-242

VI. THERMAL ANALYSIS METHODS AND PROCESSES IN LED LUMINAIRE DESIGN

Onaygil S., Yurtseven M. B., Erkin E.

27th Session of the International-Commission-on-Illumination (CIE), South Africa, 10 - 15 July 2011, pp.679-684

Metrics

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