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Personal Information

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International Researcher IDs

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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 Atilgan 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 Atilgan 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 Atilgan 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 Atilgan 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 Atilgan 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

- Publication: 23
Citation (WoS): 30
Citation (Scopus): 57
H-Index (WoS): 3
H-Index (Scopus): 5