

## Res. Asst. SİNAN GENÇ

### Personal Information

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### Education Information

Doctorate, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, Turkey 2017 - Continues

Post Graduate, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, Turkey 2015 - 2016

Under Graduate, Sakarya Üniversitesi, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Youth Winter Academy on Renewable Energies and Energy Security, REMENA, 2017

Education Management and Planning, Indoor Tools for Citizenship, Educator, 2015

### Dissertations

Post Graduate, Photometric Modelling for Efficient Lighting and Display Technologies, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, 2016

### Research Areas

Electrical and Electronics Engineering, Electronic, Nanotechnology, Optics and Photonics, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, 2013 - Continues

Research Assistant, Ağrı İbrahim Çeçen Üniversitesi, Doğa Bilimleri Ve Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, 2013 - 2013

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **FRET enabled light harvesting within quantum dot loaded nanofibers**  
ALTINTAS Y., KİREMİTLER N. B. , GENÇ S., ÖNSES M. S. , MUTLUGÜN E.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.51, 2018 (Journal Indexed in SCI)
- **Rec. 2100 color gamut revelation using spectrally ultranarrow emitters**  
Genc S., UĞUZ M., YILMAZ O., Mutlugun E.

OPTICAL ENGINEERING, vol.56, 2017 (Journal Indexed in SCI)

- **Excitonic interaction amongst InP/ZnS salt pellets**

ALTINTAS Y., YAZICI A. F. , ÜNLÜ M., DADIŞ., GENÇ S., MUTLUGÜN E.

JOURNAL OF MATERIALS CHEMISTRY C, vol.5, pp.7328-7336, 2017 (Journal Indexed in SCI)

- **CdSe/ZnS quantum dot films for high performance flexible lighting and display applications**

ALTINTAS Y., GENÇ S., Talpur M. Y. , MUTLUGÜN E.

NANOTECHNOLOGY, vol.27, 2016 (Journal Indexed in SCI)

- **CdSe/ZnS quantum dot films for high performance flexible lighting and display applications.**

ALTINTAS Y., GENÇ S., TALPUR M. Y. , MUTLUGÜN E.

NANOTECHNOLOGY, pp.295604-295612, 2016 (Journal Indexed in SCI)

- **Trans-cis isomerization assisted synthesis of solution-processable yellow fluorescent maleic anhydrides for white-light generation**

Özdemir M., GENÇ S., ÖZDEMİR R., ALTINTAS Y., Citir M., Sen U., MUTLUGÜN E., USTA H.

SYNTHETIC METALS, vol.210, pp.192-200, 2015 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Color simulation and demonstration of perovskite nanocrystal filters for wide color gamut displays**

GENÇ S., YAZICI A. F. , Beskazak E., Uran C., MUTLUGÜN E.

31st Annual IEEE Photonics Conference (IPC) of the IEEE-Photonics-Society, Preston, United Kingdom, 30 September - 04 October 2018

- **The Effect of Fourth Color Component on Color Gamut Enhancement**

GENÇ S., UĞUZ M., MUTLUGÜN E.

IEEE Photonics Conference 2017, Florida, United States Of America, 1 - 05 October 2017

- **The effect of fourth color component on enhancement of color gamut**

GENÇ S., Uguz M., MUTLUGÜN E.

30th Annual Conference of the IEEE-Photonics-Society (IPC), Florida, United States Of America, 1 - 05 October 2017, pp.227-228

- **Quantum Dot Integrated Nanofibers for White LEDs**

MUTLUGÜN E., ALTINTAS Y., KİREMİTLER N. B. , GENÇ S., ÖNSES M. S.

Materials Research Society, MRS 2017 Spring Meeting, Arizona, United States Of America, 17 - 21 April 2017

- **Polymeric Nanocrystal Sheets for Efficient Lighting and Display Applications**

MUTLUGÜN E., ALTINTAS Y., GENÇ S., TALPUR M. Y.

Materials Research Society, MRS 2016 Fall Meeting, Boston, United States Of America, 27 November - 02 December 2016

- **Computational study on NTSC color gamut enhancement using nano emitters**

GENÇ S., UĞUZ M., MUTLUGÜN E.

IEEE Photonics Conference 2016, Hawaii, United States Of America, 2 - 06 October 2016

## Citations

Total Citations (WOS):32

h-index (WOS):3