

Res. Asst. AHMET FARUK YAZICI

Personal Information

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Education Information

Doctorate, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Makine Mühendisliği, Turkey 2016 - Continues

Masters (Non-Thesis), Carnegie Mellon University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği, United States Of America 2013 - 2015

Undergraduate, Yıldız Teknik Üniversitesi, Kimya-Metalürji Fakültesi, Metalürji Ve Malzeme Mühendisliği, Turkey 2006 - 2011

Foreign Languages

English, C2 Mastery

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Nanomaterials, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, 2016 - Continues

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

- I. **Highly luminescent ZnCdTeS nanocrystals with wide spectral tunability for efficient color-conversion white-light-emitting-diodes**
Soheyli E., Zargoush S., YAZICI A. F. , Sahraei R., MUTLUGÜN E.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.54, no.50, 2021 (Journal Indexed in SCI)
- II. **Long-time stable colloidal Zn-Ag-In-S quantum dots with tunable midgap-involved emission**
Sabzevari Z., Sahraei R., Jawhar N. N. , YAZICI A. F. , MUTLUGÜN E., Soheyli E.
JOURNAL OF APPLIED PHYSICS, vol.129, no.6, 2021 (Journal Indexed in SCI)
- III. **Rational design of chemical bath deposition technique for successful preparation of Mn-doped CdS nanostructured thin films with controlled optical properties**
Kharabaneh F. K. , Ghavidel E., Soheyli E., Yazıcı A. F. , Jawhar N. N. , Mutlugün E., Sahraei R.
CERAMICS INTERNATIONAL, vol.47, no.4, pp.5523-5533, 2021 (Journal Indexed in SCI)
- IV. **Osmotic-Pressure-Induced Nematic Ordering in Suspensions of Laponite and Carboxy Methyl Cellulose**
Xu P., YAZICI A. F. , ERDEM T., Lekkerkerker H. N. W. , MUTLUGÜN E., Eiser E.
JOURNAL OF PHYSICAL CHEMISTRY B, vol.124, no.42, pp.9475-9481, 2020 (Journal Indexed in SCI)

- V. **A hybridized local and charge transfer excited state for solution-processed non-doped green electroluminescence based on oligo(p-phenyleneethynylene)**
 USTA H., Alimli D., ÖZDEMİR R., Tekin E., ALKAN F., Kacar R., Altas A. G. , Dabak S., Gurek A. G. , MUTLUGÜN E., et al.
 JOURNAL OF MATERIALS CHEMISTRY C, vol.8, no.24, pp.8047-8060, 2020 (Journal Indexed in SCI)
- VI. **Preparation of highly emissive and reproducible Cu-In-S/ZnS core/shell quantum dots with a mid-gap emission character**
 Jawhar N. N. , Soheyli E., YAZICI A. F. , MUTLUGÜN E., Sahraei R.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.824, 2020 (Journal Indexed in SCI)
- VII. **Multiplexed patterning of cesium lead halide perovskite nanocrystals by additive jet printing for efficient white light generation**
 ALTINTAS Y., TÖRÜN İ., YAZICI A. F. , Beskazak E., ERDEM T., ÖNSES M. S. , MUTLUGÜN E.
 CHEMICAL ENGINEERING JOURNAL, vol.380, 2020 (Journal Indexed in SCI)
- VIII. **Excitonic interaction amongst InP/ZnS salt pellets**
 ALTINTAS Y., YAZICI A. F. , ÜNLÜ M., DADI Ş., GENÇ S., MUTLUGÜN E.
 JOURNAL OF MATERIALS CHEMISTRY C, vol.5, no.29, pp.7328-7336, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Solid-State Encapsulation and Color Tuning in Films of Cesium Lead Halide Perovskite Nanocrystals for White Light Generation**
 Torun I., Altintas Y., Yazıcı A. F. , Mutlugün E., Önses M. S.
 ACS APPLIED NANO MATERIALS, vol.2, pp.1185-1193, 2019 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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 Conference of the IEEE Photonics Society, IPC 2018, Virginia, United States Of America, 30 September - 04 October 2018
- II. **Arrays of multi-color emitting cesium lead halide perovskite nanocrystals and efficient white light generation by tailored anion exchange reactions and electrohydrodynamic jet printing**
 ALTINTAS Y., TÖRÜN İ., YAZICI A. F. , Beskazak E., ÖNSES M. S. , MUTLUGÜN E.
 Solid-State Lighting, SSL 2018, Singapore, Singapore, 5 - 08 November 2018

Citations

Total Citations (WOS):40

h-index (WOS):4

Non Academic Experience

Company, Nanome Nanotechnology, R&D