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International Researcher IDs

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Learning Knowledge

Doctorate 2018 - Continues	Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, Turkey
Postgraduate 2017 - 2019	Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, Turkey
Undergraduate 2008 - 2013	Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey

Dissertations

Postgraduate, Solution-processable rodshaped molecular semiconductors and fieldeffect transistor applications,
Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, 2018

Academic Titles / Tasks

Lecturer 2021 - Continues	Abdullah Gul University, Rektörlük, Rektörlük
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Published journal articles indexed by SCI, SSCI, and AHCI

- Solution-Processable Indenofluorenes on Polymer Brush Interlayer: Remarkable N-Channel Field-Effect Transistor Characteristics under Ambient Conditions**
Can A., DENEME İ., DEMİREL G., USTA H.
ACS Applied Materials and Interfaces, vol.15, no.35, pp.41666-41679, 2023 (SCI-Expanded)
- Meso-pi-Extended/Deficient BODIPYs and Low-Band-Gap Donor-Acceptor Copolymers for Organic Optoelectronics**
CAN A., Choi G., ÖZDEMİR R., Park S., Park J. S., Lee Y., DENEME İ., MUTLUGÜN E., Kim C., Kim B. J., et al.
ACS APPLIED POLYMER MATERIALS, vol.4, no.3, pp.1991-2005, 2022 (SCI-Expanded)
- Enabling three-dimensional porous architectures via carbonyl functionalization and molecular-specific organic-SERS platforms**
DENEME İ., LİMAN G., CAN A., DEMİREL G., USTA H.
NATURE COMMUNICATIONS, vol.12, no.1, 2021 (SCI-Expanded)
- Engineering functionalized low LUMO [1]benzothieno[3,2-b][1]benzothiophenes (BTBTs): unusual**

molecular and charge transport properties

ÖZDEMİR R., Ahn K., Deneme İ., ZORLU Y., Kim D., Kim M., USTA H.

JOURNAL OF MATERIALS CHEMISTRY C, vol.8, no.43, pp.15253-15267, 2020 (SCI-Expanded)

5. **Triisopropylsilylethynyl-substituted indenofluorenes: carbonyl versus dicyanovinylene functionalization in one-dimensional molecular crystals and solution-processed n-channel OFETs**
ÖZDEMİR R., PARK S., DENEME İ., PARK Y., Zorlu Y., ALIDAGI H. A., Harmandar K., Kim C., USTA H.
ORGANIC CHEMISTRY FRONTIERS, vol.5, no.20, 2018 (SCI-Expanded)

Scientific Research / Working Group Memberships

Ustalab, Abdullah Gul University, Turkey, <http://ustalab.com/>, 2017 - Continues

Metrics

Publication: 5

Citation (WoS): 30

Citation (Scopus): 32

H-Index (WoS): 3

H-Index (Scopus): 4

Research Areas

Natural Sciences