

Res. Asst. İBRAHİM BOZYEL

Personal Information

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Research Areas

Electrical and Electronics Engineering, Electronic, MEMS

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Elektrik ve Elektronik Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The hidden use cochlear implant**
Ergun O., Yildirim O., Bozyel I., Kaymak I., GÖKCEN D., SENNAROĞLU L.
Journal of Laryngology and Otology, vol.137, no.11, pp.1207-1214, 2023 (SCI-Expanded)
- II. **Sustainable Macromolecular Materials in Flexible Electronics**
Kilicarslan B., Bozyel I., Gokcen D., BAYRAM C.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.307, no.6, 2022 (SCI-Expanded)
- III. **Determining electrical percolation threshold of randomly distributed conductor materials in polymer composites via pathfinding algorithms**
BOZYEL İ., GÖKCEN D.
COMPOSITES SCIENCE AND TECHNOLOGY, vol.224, 2022 (SCI-Expanded)
- IV. **Triple mode and multi-purpose flexible sensor fabrication based on carbon black and thermoplastic polyurethane composite with propolis**
BOZYEL İ., Keser Y. I., GÖKCEN D.
SENSORS AND ACTUATORS A-PHYSICAL, vol.332, 2021 (SCI-Expanded)
- V. **Polydimethylsiloxane-based capacitive motion sensor and its read-out circuit**
Yildirim O., BOZYEL İ., Saka K., KAYIKÇIOĞLU T., GÖKCEN D.
INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, vol.49, no.7, pp.2147-2157, 2021 (SCI-Expanded)
- VI. **A flexible and low-cost tactile sensor produced by screen printing of carbon black/PVA composite on cellulose paper**
Sekertekin Y., BOZYEL İ., GÖKCEN D.
Sensors (Switzerland), vol.20, no.10, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **AI-based Liquid Classification with Laser-Induced Graphene Flex-Sensor**
BOZYEL İ., Endes A., Akkoca A., YÜKSEKKAYA B., GÖKCEN D.
2022 IEEE International Conference on Flexible and Printable Sensors and Systems, FLEPS 2022, Vienna, Austria,

10 - 13 July 2022

Metrics

Publication: 7

Citation (WoS): 7

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 2