

## Res. Asst. BARKIN TUNCER

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Publons / Web Of Science ResearcherID: AAZ-9602-2020

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### Research Areas

Control and System Engineering, Robotics and Mechatronics Systems, Signal Processing, algorithms, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multi-Ellipsoidal Extended Target Tracking With Variational Bayes Inference**  
TUNCER B., ORGUNER U., ÖZKAN E.  
IEEE TRANSACTIONS ON SIGNAL PROCESSING, vol.70, pp.3921-3934, 2022 (SCI-Expanded)
- II. **Random matrix based extended target tracking with orientation: A new model and inference**  
Tuncer B., Özkan E.  
IEEE Transactions on Signal Processing, vol.69, pp.1910-1923, 2021 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Extended Target Tracking and Classification Using Neural Networks**  
TUNCER B., KUMRU M., ÖZKAN E.  
22nd International Conference on Information Fusion (FUSION), Ottawa, Canada, 2 - 05 July 2019
- II. **Extended Object Tracking and Shape Classification**  
Tuncer B., Kumru M., Alatan A. A., Özkan E.  
21st International Conference on Information Fusion (FUSION), Cambridge, Canada, 10 - 13 July 2018, pp.267-274

### Metrics

Publication: 5

Citation (WoS): 28

Citation (Scopus): 24

H-Index (WoS): 4

H-Index (Scopus): 2