

## Asst. Prof. NAZLI TEKİN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HHC-2733-2022

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### Education Information

Post Doctorate, Florida International University, Engineering, Computer Science , Turkey 2021 - 2022

Doctorate, Abdullah Gul University, -, Computer Engineering, Turkey 2016 - 2020

Undergraduate, Koc University, Engineering , Computer Engineer, Turkey 2006 - 2011

### Research Areas

Computer Networks, Artificial Intelligence, Computer Learning and Pattern Recognition

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, –, 2021 - Continues

Assistant Professor, Beykoz University, Engineering, Computer Engineer, 2020 - 2021

### Academic and Administrative Experience

Erciyes University, 2021 - Continues

Deputy Head of Department, Erciyes University, Mühendislik Fakültesi, --, 2021 - 2022

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

- I. **Lifetime maximization of IoT-enabled smart grid applications using error control strategies**  
TEKİN N., DEDETÜRK B. K., Gungor V. C.  
Computer Networks, vol.254, 2024 (SCI-Expanded)
- II. **A review of on-device machine learning for IoT: An energy perspective**  
Tekin N., Aris A., Acar A., Uluagac S., Gungor V. C.  
AD HOC NETWORKS, vol.153, no.153, pp.10-18, 2024 (SCI-Expanded)
- III. **Energy consumption of on-device machine learning models for IoT intrusion detection**  
Tekin N., Acar A., Aris A., Uluagac A. S., Gungor V. C.  
INTERNET OF THINGS, vol.21, pp.100670, 2023 (SCI-Expanded)
- IV. **Node-Level Error Control Strategies for Prolonging the Lifetime of WSNs**

TEKİN N., Yıldız H. U., GÜNGÖR V. Ç.

IEEE Sensors Journal, vol.21, pp.15386-15397, 2021 (SCI-Expanded)

V. **Analysis of compressive sensing and energy harvesting for wireless multimedia sensor networks**

Tekin N., GÜNGÖR V. Ç.

AD HOC NETWORKS, vol.103, 2020 (SCI-Expanded)

VI. **The impact of error control schemes on lifetime of energy harvesting wireless sensor networks in industrial environments**

Tekin N., GÜNGÖR V. Ç.

COMPUTER STANDARDS & INTERFACES, vol.70, 2020 (SCI-Expanded)

VII. **Analyzing lifetime of energy harvesting wireless multimedia sensor nodes in industrial environments**

Tekin N., Erdem H. E., GÜNGÖR V. Ç.

COMPUTER STANDARDS & INTERFACES, vol.58, pp.109-117, 2018 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

I. **Lifetime analysis of error control schemes on wireless sensor networks in industrial environments**

**Endüstriyel kablosuz algılayıcı ağlarda hata kontrol sistemlerinin ağı yaşam süresine etkileri**

Tekin N., GÜNGÖR V. Ç.

27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019

II. **Lifetime Analysis of Error Control Schemes on Wireless Sensor Networks in Industrial Environments**

Tekin N., GÜNGÖR V. Ç.

27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019

III. **Matching Day and Night Location Images Using SIFT and Logistic Regression**

Tekin N., Peker K. A.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1615-1618

### **Metrics**

Publication: 10

Citation (WoS): 18

Citation (Scopus): 38

H-Index (WoS): 3

H-Index (Scopus): 4