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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2016 - 2022

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2014 - 2016

Undergraduate, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2009 - 2014

Dissertations

Postgraduate, İnterpolasyon Teknikleri ile Eksik Yer Radarı Verilerinin Üretilmesi, Ankara University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2016

Academic Titles / Tasks

Research Assistant PhD, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - Continues

Courses

Bilimsel Programlama, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Comprehensive Review of Cyber Security Vulnerabilities, Threats, Attacks, and Solutions**
Aslan Ö., Aktuğ S. S., ÖZKAN OKAY M., Yilmaz A. A., Akin E.
Electronics (Switzerland), vol.12, no.6, 2023 (SCI-Expanded)
- II. **A Novel Blockchain-Based Scientific Publishing System**
Beştaş M., Taş R., Akin E., ÖZKAN OKAY M., Aslan Ö., Aktug S. S.
Sustainability (Switzerland), vol.15, no.4, 2023 (SCI-Expanded)
- III. **A Comprehensive Systematic Literature Review on Intrusion Detection Systems**
Ozkan-Okay M., SAMET R., Aslan O., Gupta D.
IEEE ACCESS, vol.9, pp.157727-157760, 2021 (SCI-Expanded)
- IV. **SABADT: Hybrid Intrusion Detection Approach for Cyber Attacks Identification in WLAN**
ÖZKAN OKAY M., Aslan O., ERYİĞİT R., SAMET R.
IEEE Access, vol.9, pp.157639-157653, 2021 (SCI-Expanded)
- V. **Intelligent Behavior-Based Malware Detection System on Cloud Computing Environment**

ASLAN Ö., ÖZKAN OKAY M., Gupta D.

IEEE ACCESS, vol.9, pp.83252-83271, 2021 (SCI-Expanded)

VI. Using interpolation techniques to determine the optimal profile interval in ground-penetrating radar applications

SAMET R., Celik E., Tural S., Sengonul E., Ozkan M., Damci E.

JOURNAL OF APPLIED GEOPHYSICS, vol.140, pp.154-167, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Review of Cloud-Based Malware Detection System: Opportunities, Advances and Challenges**
Özkan Okay M.
European Journal of Engineering and Technology Research, vol.6, no.3, pp.1-8, 2021 (Peer-Reviewed Journal)
- II. **3D VISUALIZATION APPROACH TO GPR DATA**
ÖZKAN OKAY M., SAMET R.
Series A2-A3: Physical Sciences and Engineering, 2017 (Peer-Reviewed Journal)
- III. **INTERPOLATION METHODS FOR RECOVERING THE SAMPLING VALUES OF GPR DATA**
ÖZKAN OKAY M., SAMET R.
Series A2-A3: Physical Sciences and Engineering, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bölüm 5: Nesnelerin İnterneti Cihazlar**
ASLAN Ö., SAMET R., ÖZKAN OKAY M.
in: Nesnelerin İnterneti Kuramdan Uygulamaya, Hüseyin ÇAKIR, Çelebi ULUYOL, Editor, Nobel, Ankara, pp.101-126, 2021
- II. **Bölüm 3: Nesnelerin İnterneti Mimarileri ve Protokolleri**
ÖZKAN OKAY M., SAMET R., ASLAN Ö.
in: Nesnelerin İnterneti Kuramdan Uygulamaya, Hüseyin ÇAKIR, Çelebi ULUYOL, Editor, Nobel, Ankara, pp.53-77, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **An Artificial Bee Colony Based Mapping Method for Three Dimensional Network-on-Chip**
KÜLLÜ P., YİĞİT SERT S., ÖZKAN OKAY M., AR Y.
2023 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC), NAMİBİA, 16 - 18 August 2023
- II. **A NEW DATASET FOR INTRUSION DETECTION IN WIRELESS LOCAL AREA NETWORK**
ÖZKAN OKAY M., AR Y., SAMET R.
The 8th International Conference on Control and Optimization with Industrial Applications, Azerbaijan, 24 August 2022
- III. **A New Feature Selection Approach and Classification Technique for Current Intrusion Detection System**
ÖZKAN OKAY M., ASLAN Ö., SAMET R.
2021 6th International Conference on Computer Science and Engineering (UBMK), Turkey, 15 September 2021, pp.227-232
- IV. **Enhancement of 2D/3D GPR data imaging by the proposed TAEF technique: Displaying archeological remains under the Colonnade road in Anavarza ancient city, Adana, Turkey**
ÖZKAN OKAY M., KADIOĞLU S., SAMET R.

20th International Conference Geoinformatics: Theoretical and Applied Aspects, Kiev, Ukraine, 11 - 14 May 2021

V. A methodology to complete and visualize the GPR data

SAMET R., ÖZKAN OKAY M., Markovskiy O.

19th International Conference on Geoinformatics: Theoretical and Applied Aspects, Geoinformatics 2020, Kiev, Ukraine, 11 - 14 May 2020

VI. An approach for anomaly detection in GPR data using machine learning techniques

ÖZKAN OKAY M., SAMET R., Stirenko S.

19th International Conference on Geoinformatics: Theoretical and Applied Aspects, Geoinformatics 2020, Kiev, Ukraine, 11 - 14 May 2020

VII. HYBRID INTRUSION DETECTION APPROACH FOR WIRELESS LOCAL AREA NETWORK

ÖZKAN OKAY M., SAMET R.

7th International Conference on Control and Optimization with Industrial Applications (COIA), ELECTR NETWORK, 26 - 28 August 2020, pp.311-313

VIII. An approach to detect and visualize the anomalies based on GPR data

ÖZKAN OKAY M., SAMET R.

18th International Conference on Geoinformatics: Theoretical and Applied Aspects, Geoinformatics 2019, Kyiv, Ukraine, 13 - 16 May 2019

IX. 3D visualization approach to GPR data

ÖZKAN OKAY M., SAMET R.

International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE, 2017), 10 - 11 November 2017

X. Recovering the incomplete sampling values in GPR data with interpolation techniques

ÖZKAN OKAY M., SAMET R.

International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE, 2017), 10 - 11 November 2017

XI. INTERPOLATION APPROACH TO SEARCH HIDDEN RESULTS IN GPR DATA

SAMET R., ÇELİK E., ERKAN Ş., SERHAT T., ÖZKAN M.

The 5th International Conference on Control and Optimization with Industrial Applications, 27 - 29 August 2015

Metrics

Publication: 22

Citation (WoS): 45

Citation (Scopus): 79

H-Index (WoS): 3

H-Index (Scopus): 4