

## Prof. SUAT ÖZDEMİR

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Arizona State University, Computer Science and Engineering, Computer Science, United States Of America  
2001 - 2006

Postgraduate, Syracuse University, Computer Science and Engineering, Computer Science, United States Of America 1999  
- 2001

Undergraduate, Selcuk University, Faculty Of Engineering-Architecture, Turkey 1993 - 1997

### Research Areas

Engineering and Technology

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

- I. **DeepFogAQ: A fog-assisted decentralized air quality prediction and event detection system**  
Şimsek M. U., Kök İ., ÖZDEMİR S.  
Expert Systems with Applications, vol.251, 2024 (SCI-Expanded)
- II. **Road to efficiency: Mobility-driven joint task offloading and resource utilization protocol for connected vehicle networks**  
Akyıldız O., YILDIRIM OKAY F., Kök İ., ÖZDEMİR S.  
Future Generation Computer Systems, vol.156, pp.157-167, 2024 (SCI-Expanded)
- III. **Linguistic summarization of visual attention and developmental functioning of young children with autism spectrum disorder**  
Ozturk D., AYDOĞAN S., KÖK İ., AKIN BÜLBÜL İ., ÖZDEMİR S., ÖZDEMİR S., AKAY D.  
HEALTH INFORMATION SCIENCE AND SYSTEMS, no.1, 2024 (SCI-Expanded)
- IV. **Unveiling anomalies: a survey on XAI-based anomaly detection for IoT**  
EREN E., YILDIRIM OKAY F., ÖZDEMİR S.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.32, no.3, pp.358-381, 2024 (SCI-Expanded)
- V. **Smart meter-based energy consumption forecasting for smart cities using adaptive federated learning**  
Abdulla N., DEMİRCİ M., ÖZDEMİR S.

Sustainable Energy, Grids and Networks, vol.38, 2024 (SCI-Expanded)

- VI. **Cepair: an AI-powered and fog-based predictive CEP system for air quality monitoring**  
Şimsek M. U., Kök İ., ÖZDEMİR S.  
Cluster Computing, 2024 (SCI-Expanded)
- VII. **Explainable Artificial Intelligence (XAI) for Internet of Things: A Survey**  
Kok I., Okay F. Y., Muyanli O., ÖZDEMİR S.  
IEEE Internet of Things Journal, vol.10, no.16, pp.14764-14779, 2023 (SCI-Expanded)
- VIII. **Computation Power and Energy Optimized Task Allocation in Internet of Things**  
Kazanci I., ÖZDEMİR S., TOSUN S.  
IEEE Transactions on Network and Service Management, vol.19, no.4, pp.4424-4433, 2022 (SCI-Expanded)
- IX. **Design and evaluation of adaptive deep learning models for weather forecasting**  
Abdulla N., DEMİRCİ M., ÖZDEMİR S.  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, vol.116, 2022 (SCI-Expanded)
- X. **FogAI: An AI-supported fog controller for Next Generation IoT**  
KÖK İ., YILDIRIM OKAY F., ÖZDEMİR S.  
INTERNET OF THINGS, vol.19, 2022 (SCI-Expanded)
- XI. **QoS-aware IoT networks and protocols: A comprehensive survey**  
DİLEK S., Irgan K., GÜZEL M., ÖZDEMİR S., BAYDERE Ş., Charnsripinyo C.  
INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol.35, 2022 (SCI-Expanded)
- XII. **Fair and energy-aware IoT service composition under QoS constraints**  
GÜZEL M., ÖZDEMİR S.  
JOURNAL OF SUPERCOMPUTING, vol.78, no.11, pp.13427-13454, 2022 (SCI-Expanded)
- XIII. **Ranking surgical skills using an attention-enhanced Siamese network with piecewise aggregated kinematic data**  
Ogul B. B., Gilgien M., ÖZDEMİR S.  
INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY, vol.17, no.6, pp.1039-1048, 2022 (SCI-Expanded)
- XIV. **Linking COVID-19 Perception With Socioeconomic Conditions Using Twitter Data**  
Sert E., Okan O., Ozbilen A., Ertekin S., Ozdemir S.  
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- XV. **A survey on computation offloading and service placement in fog computing-based IoT**  
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- XVI. **Priority enabled content based forwarding in fog computing via SDN**  
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- XVII. **QoE-Driven IoT Architecture: A Comprehensive Review on System and Resource Management**  
Saovapakhiran B., Naruephiphat W., Charnsripinyo C., BAYDERE Ş., ÖZDEMİR S.  
IEEE ACCESS, vol.10, pp.84579-84621, 2022 (SCI-Expanded)
- XVIII. **A Pairwise Deep Ranking Model for Relative Assessment of Parkinson's Disease Patients From Gait Signals**  
Ogul B. B., Ozdemir S.  
IEEE ACCESS, vol.10, pp.6676-6683, 2022 (SCI-Expanded)
- XIX. **HAFTA: Highly adaptive fault-tolerant routing algorithm for two-dimensional network-on-chips**  
Ipek A., TOSUN S., Ozdemir S.  
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- XX. **Big data analytics for default prediction using graph theory**  
Yildirim M., YILDIRIM OKAY F., Ozdemir S.  
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- XXI. **A deep learning-based CEP rule extraction framework for IoT data**

- ŞİMŞEK M. B., YILDIRIM OKAY F., Ozdemir S.  
JOURNAL OF SUPERCOMPUTING, vol.77, no.8, pp.8563-8592, 2021 (SCI-Expanded)
- XXII. **QoS-driven metaheuristic service composition schemes: a comprehensive overview**  
Masdari M., Nouzad M., Ozdemir S.  
ARTIFICIAL INTELLIGENCE REVIEW, vol.54, no.5, pp.3749-3816, 2021 (SCI-Expanded)
- XXIII. **A review of heuristics and metaheuristics for community detection in complex networks: Current usage, emerging development and future directions**  
Attea B. A., Abbood A. D., Hasan A. A., Pizzuti C., Al-Ani M., Ozdemir S., Al-Dabbagh R. D.  
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- XXIV. **DeepMDP: A Novel Deep-Learning-Based Missing Data Prediction Protocol for IoT**  
KÖK İ., Ozdemir S.  
IEEE INTERNET OF THINGS JOURNAL, vol.8, no.1, pp.232-243, 2021 (SCI-Expanded)
- XXV. **Fog computing-based privacy preserving data aggregation protocols**  
Okay F. Y., Ozdemir S., Xiao Y.  
TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, vol.31, no.4, 2020 (SCI-Expanded)
- XXVI. **Towards Coverage-Aware Fuzzy Logic-Based Faulty Node Detection in Heterogeneous Wireless Sensor Networks**  
Masdari M., Ozdemir S.  
WIRELESS PERSONAL COMMUNICATIONS, vol.111, no.1, pp.581-610, 2020 (SCI-Expanded)
- XXVII. **Security and Privacy in Medical Internet of Things and Cluster-Based Wireless Sensor Networks for Health Care**  
Hammoodi A. S., Ozdemir S., Tuncer A. T., Celebi F.  
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- XXVIII. **ANFIS and Deep Learning based missing sensor data prediction in IoT**  
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CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.32, no.2, 2020 (SCI-Expanded)
- XXIX. **A new evolutionary multi-objective community mining algorithm for signed networks**  
Attea B. A., Rada H. M., Abbas M. N., Ozdemir S.  
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- XXX. **Bio-inspired multi-objective algorithms for connected set K-covers problem in wireless sensor networks**  
Attea B. A., Abbas M. N., Al-Ani M., Ozdemir S.  
SOFT COMPUTING, vol.23, no.22, pp.11699-11728, 2019 (SCI-Expanded)
- XXXI. **CDABC: chaotic discrete artificial bee colony algorithm for multi-level clustering in large-scale WSNs**  
Masdari M., Barshande S., Ozdemir S.  
JOURNAL OF SUPERCOMPUTING, vol.75, no.11, pp.7174-7208, 2019 (SCI-Expanded)
- XXXII. **A New Task Allocation Protocol for Extending Stability and Operational Periods in Internet of Things**  
Khalil E. A., Ozdemir S., Attea B. A.  
IEEE INTERNET OF THINGS JOURNAL, vol.6, no.4, pp.7225-7231, 2019 (SCI-Expanded)
- XXXIII. **Routing in Fog-Enabled IoT Platforms: A Survey and an SDN-Based Solution**  
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- XXXIV. **Evolutionary task allocation in Internet of Things-based application domains**  
Khalil E. A., Ozdemir S., TOSUN S.  
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- XXXV. **Fuzzy Quantification and Opinion Mining on Qualitative Data using Feature Reduction**  
Dundar B., AKAY D., BORAN F. E., Ozdemir S.  
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.33, no.9, pp.1840-1857, 2018 (SCI-Expanded)
- XXXVI. **Fuzzy Traffic Control with Vehicle-to-Everything Communication**  
Salman M. A., Ozdemir S., ÇELEBİ F. V.

- SENSORS, vol.18, no.2, 2018 (SCI-Expanded)
- XXXVII. **Secure and reliable object tracking in wireless sensor networks**  
Oracevic A., Akbas S., Ozdemir S.  
COMPUTERS & SECURITY, vol.70, pp.307-318, 2017 (SCI-Expanded)
- XXXVIII. **Reliable and energy efficient topology control in probabilistic Wireless Sensor Networks via multi-objective optimization**  
Khalil E. A., Ozdemir S.  
JOURNAL OF SUPERCOMPUTING, vol.73, no.6, pp.2632-2656, 2017 (SCI-Expanded)
- XXXIX. **An Adaptive Vehicle Detection Algorithm Based on Magnetic Sensors in Intelligent Transportation Systems**  
Xu B., Zheng J., Wang Q., Xiao Y., Ozdemir S.  
AD HOC & SENSOR WIRELESS NETWORKS, vol.36, no.1-4, pp.211-232, 2017 (SCI-Expanded)
- XL. **Non-intrusive Traffic Data Collection with Wireless Sensor Networks for Intelligent Transportation Systems**  
Zheng J., Wang Q., Xu B., Bi W., Tao Y., Xiao Y., Ozdemir S.  
AD HOC & SENSOR WIRELESS NETWORKS, vol.34, no.1-4, pp.41-57, 2016 (SCI-Expanded)
- XLI. **A Multi-objective Disjoint Set Covers for Reliable Lifetime Maximization of Wireless Sensor Networks**  
Attea B. A., Khalil E. A., Ozdemir S., YILDIZ O.  
WIRELESS PERSONAL COMMUNICATIONS, vol.81, no.2, pp.819-838, 2015 (SCI-Expanded)
- XLII. **PRDA: polynomial regression-based privacy-preserving data aggregation for wireless sensor networks**  
Ozdemir S., Peng M., Xiao Y.  
WIRELESS COMMUNICATIONS & MOBILE COMPUTING, vol.15, no.4, pp.615-628, 2015 (SCI-Expanded)
- XLIII. **IMPROVING COVERAGE IN WIRELESS SENSOR NETWORKS USING MULTI-OBJECTIVE EVOLUTIONARY ALGORITHMS**  
YILDIRIM OKAY F., Ozdemir S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.2, pp.143-153, 2015 (SCI-Expanded)
- XLIV. **GlobalView: building global view with log files in a distributed/networked system for accountability**  
Xiao Y., Yue S., Fu B., Ozdemir S.  
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- XLV. **Biologically inspired probabilistic coverage for mobile sensor networks**  
Attea B. A., Khalil E. A., Ozdemir S.  
SOFT COMPUTING, vol.18, no.11, pp.2313-2322, 2014 (SCI-Expanded)
- XLVI. **MEDIUM ACCESS CONTROL PROTOCOLS IN WIRELESS SENSOR NETWORKS**  
Okay F. Y., Ozdemir S.  
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- XLVII. **Multi-objective clustered-based routing with coverage control in wireless sensor networks**  
Ozdemir S., Attea B. A., Khalil O. A.  
SOFT COMPUTING, vol.17, no.9, pp.1573-1584, 2013 (SCI-Expanded)
- XLVIII. **SECURE DATA AGGREGATION IN WIRELESS MULTIMEDIA SENSOR NETWORKS VIA WATERMARKING**  
Elbasi E., Ozdemir S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.3, pp.587-594, 2013 (SCI-Expanded)
- XLIX. **Cipher feedback mode under go-back-N and selective-reject protocols in error channels**  
Liang X., Xiao Y., Ozdemir S., Vasilakos A. V., Deng H.  
SECURITY AND COMMUNICATION NETWORKS, vol.6, no.8, pp.942-954, 2013 (SCI-Expanded)
- L. **Multi-Objective Evolutionary Algorithm Based on Decomposition for Energy Efficient Coverage in Wireless Sensor Networks**

Ozdemir S., Attea B. A., Khalil O. A.

WIRELESS PERSONAL COMMUNICATIONS, vol.71, no.1, pp.195-215, 2013 (SCI-Expanded)

- LI. **FTDA: outlier detection-based fault-tolerant data aggregation for wireless sensor networks**  
Ozdemir S., Xiao Y.  
SECURITY AND COMMUNICATION NETWORKS, vol.6, no.6, pp.702-710, 2013 (SCI-Expanded)
- LII. **Application-specific topology generation algorithms for network-on-chip design**  
Tosun S., Ar Y., Ozdemir S.  
IET COMPUTERS AND DIGITAL TECHNIQUES, vol.6, no.5, pp.318-333, 2012 (SCI-Expanded)
- LIII. **Impacts of sensor node distributions on coverage in sensor networks**  
Peng M., Chen H., Xiao Y., Ozdemir S., Vasilakos A. V., Wu J.  
JOURNAL OF PARALLEL AND DISTRIBUTED COMPUTING, vol.71, no.12, pp.1578-1591, 2011 (SCI-Expanded)
- LIV. **Integrity protecting hierarchical concealed data aggregation for wireless sensor networks**  
Ozdemir S., Xiao Y.  
COMPUTER NETWORKS, vol.55, no.8, pp.1735-1746, 2011 (SCI-Expanded)
- LV. **A Survey of Wormhole-based Attacks and their Countermeasures in Wireless Sensor Networks**  
Meghdadi M., Ozdemir S., Gueler I.  
IETE TECHNICAL REVIEW, vol.28, no.2, pp.89-102, 2011 (SCI-Expanded)
- LVI. **Integration of False Data Detection With Data Aggregation and Confidential Transmission in Wireless Sensor Networks**  
Ozdemir S., Cam H.  
IEEE-ACM TRANSACTIONS ON NETWORKING, vol.18, no.3, pp.736-749, 2010 (SCI-Expanded)
- LVII. **CONCEALED DATA AGGREGATION IN HETEROGENEOUS WIRELESS SENSOR NETWORK BASED BORDER SURVEILLANCE SYSTEMS**  
Ozdemir S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.1, pp.131-139, 2010 (SCI-Expanded)
- LVIII. **A Survey of Payment Card Industry Data Security Standard**  
Liu J., Xiao Y., Chen H., Ozdemir S., Dodle S., Singh V.  
IEEE COMMUNICATIONS SURVEYS AND TUTORIALS, vol.12, no.3, pp.287-303, 2010 (SCI-Expanded)
- LIX. **Secure Load Balancing via Hierarchical Data Aggregation in Heterogeneous Sensor Networks**  
Ozdemir S.  
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, vol.25, no.6, pp.1691-1705, 2009 (SCI-Expanded)
- LX. **Secure data aggregation in wireless sensor networks: A comprehensive overview**  
Ozdemir S., Xiao Y.  
COMPUTER NETWORKS, vol.53, no.12, pp.2022-2037, 2009 (SCI-Expanded)
- LXI. **Functional reputation based reliable data aggregation and transmission for wireless sensor networks**  
Ozdemir S.  
COMPUTER COMMUNICATIONS, vol.31, no.17, pp.3941-3953, 2008 (SCI-Expanded)
- LXII. **SECURE DATA AGGREGATION IN WIRELESS SENSOR NETWORKS VIA HOMOMORPHIC ENCRYPTION**  
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- LXIII. **Energy-efficient secure pattern based data aggregation for wireless sensor networks**  
Cam H., Ozdemir S., Nair P., Muthuavinashiappan D., Sanli H.  
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## Articles Published in Other Journals

- I. **A comparative analysis on the reliability of interpretable machine learning**

Yildirim M., YILDIRIM OKAY F., ÖZDEMİR S.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, no.4, pp.494-508, 2024 (ESCI)

- II. **Advancing affordable IoT solutions in smart homes to enhance independence and autonomy of the elderly**  
Akhmetzhanov B., Akhmetzhanov B., ÖZDEMİR S., Zhakiyev N.  
Journal of Infrastructure, Policy and Development, vol.8, no.3, 2024 (ESCI)
- III. **A P4-assisted task offloading scheme for Fog networks: An intelligent transportation system scenario**  
Akyıldız O., Kök İ., Okay F. Y., ÖZDEMİR S.  
Internet of Things (Netherlands), vol.22, 2023 (Scopus)
- IV. **TPS3: A privacy preserving data collection protocol for smart grids**  
Simsek M. U., Okay F. Y., Mert D., Ozdemir S.  
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- V. **Overview of internet of things: Concept, characteristics, challenges and opportunities**  
Khalil E. A., Ozdemir S.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, no.2, pp.311-326, 2018 (ESCI)
- VI. **Performance Evaluation of Key Management Schemes in Wireless Sensor Networks**  
Khalil O., Ozdemir S.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.25, no.2, pp.465-476, 2012 (ESCI)
- VII. **Wireless Sensor Network Security: A Comprehensive Overview**  
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JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.11, no.3, pp.207-214, 2008 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Improved Chain-based Multi-Output Classification for Packaging Planning**  
Yildiz S. N., YILDIRIM OKAY F., Islamov A., ÖZDEMİR S.  
14th International Conference on Emerging Ubiquitous Systems and Pervasive Networks / 13th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, EUSPN/ICTH 2023, Almaty, Kazakhstan, 7 - 09 November 2023, vol.231, pp.697-702
- II. **Transforming Military Security: Quantum Age Blockchain Architecture for IoBT - PARS**  
Cakal K., ÖZDEMİR S.  
International Conference on Smart Applications, Communications and Networking (SmartNets), Virginia, United States Of America, 28 - 30 May 2024
- III. **Narrowed Regions-based Bidirectional Path Planning Using RRT-Connect for Single Aircraft Missions**  
Candemir D., Kök I., ÖZDEMİR S.  
14th International Conference on Emerging Ubiquitous Systems and Pervasive Networks / 13th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, EUSPN/ICTH 2023, Almaty, Kazakhstan, 7 - 09 November 2023, vol.231, pp.703-708
- IV. **Linguistic Comparison of Children with and without ASD through Eye-Tracking Data**  
Ozturk D., AYDOĞAN S., Kok I., AKIN BÜLBÜL I., ÖZDEMİR S., ÖZDEMİR S., AKAY D.  
9th International Conference on Computer Technology Applications, ICCTA 2023, Vienna, Austria, 10 - 12 May 2023, pp.241-246
- V. **Autonomous Micro-Grids: A Reinforcement Learning-Based Energy Management Model in Smart Cities**  
Özkan E., Kök I., ÖZDEMİR S.  
2023 International Symposium on Networks, Computers and Communications, ISNCC 2023, Doha, Qatar, 23 - 26 October 2023

- VI. **Dielectric Characterization of Ultrathin Software Flexible Substrates Intended for Wearable Biomedical Applications**  
Naseer N., İFTIKHAR A., GÖKÇEN D., ÖZDEMİR S., SAKA TANATAR B.  
7th International Electromagnetic Compatibility Conference, EMC Turkiye 2023, İstanbul, Turkey, 17 - 20 September 2023
- VII. **A Novel Blockchain Based Decentralized Data Management Model for Swarm UAV Systems**  
Acikgoz G., Okay F. Y., ÖZDEMİR S.  
2023 International Conference on Smart Applications, Communications and Networking, SmartNets 2023, İstanbul, Turkey, 25 - 27 July 2023
- VIII. **Towards Utilizing Unlabeled Data for Flood Forecasting with Weakly Supervised Adaptive Learning**  
Abdulla N., DEMİRCİ M., ÖZDEMİR S.  
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- IX. **Demonstration of Multi-Layer IoT Platform with QoS Support**  
Serdaroglu K., Saovapakhiran B., Esfandiari Baiat Z., Baydere S., Charnsripinyo C., Mulyadi F., ÖZDEMİR S.  
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- X. **QNSGA-II: A Quantum Computing-Inspired Approach to Multi-Objective Optimization**  
Guzel M., Okay F. Y., Kok I., ÖZDEMİR S.  
2022 International Symposium on Networks, Computers and Communications, ISNCC 2022, Shenzhen, China, 19 - 21 July 2022
- XI. **Impact of Missing Data on Classification Success in Health and Comparative Analysis of Imputation Methods**  
Ergun E. U., Kok I., ÖZDEMİR S.  
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- XII. **Towards QoS-Aware Resource Allocation in Fog Computing: A Theoretical Model**  
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- XIII. **Sentiment Analysis for Turkish Unstructured Data by Machine Translation**  
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- XIV. **A Novel Weighted FP-Stream Algorithm for IoT Data Streams**  
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- XV. **SMOTE and Gaussian Noise Based Sensor Data Augmentation**  
Arslan M., Guzel M., DEMİRCİ M., Ozdemir S.  
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.458-462
- XVI. **A New CEP-based Air Quality Prediction Framework for Fog based IoT**  
Guzel M., Ozdemir S.  
International Symposium on Networks, Computers and Communications (ISNCC), İstanbul, Turkey, 18 - 20 June 2019
- XVII. **Proposed Hybrid Attribute Selection Method on Financial Data Sets**  
Yildirim M., Ozdemir S.  
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.429-434
- XVIII. **Detection of Malicious Requests on Web Logs Using Data Mining Techniques**

- Sahin M. E., Ozdemir S.  
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- XIX. **Real-Time Object and Personnel Tracking in Indoor Location**  
Tasbas A. S., Erdal E., Ozdemir S.  
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- XX. **QoS Prediction Methods in IoT A Survey**  
Bagiroz B., Guzel M., YAVANOĞLU U., Ozdemir S.  
IEEE International Conference on Big Data (Big Data), Los-Angeles, Chile, 9 - 12 December 2019, pp.2128-2133
- XXI. **Deep Learning based Delay and Bandwidth Efficient Data Transmission in IoT**  
Kok I., Corak B. H., YAVANOĞLU U., Ozdemir S.  
IEEE International Conference on Big Data (Big Data), Los-Angeles, Chile, 9 - 12 December 2019, pp.2327-2333
- XXII. **SDN-Based Data Forwarding in Fog-Enabled Smart Grids**  
Okay F. Y., Ozdemir S., DEMİRCİ M.  
1st Global Power, Energy and Communication Conference (IEEE GPECOM), Nevşehir, Turkey, 12 - 15 June 2019, pp.62-67
- XXIII. **Efficient and Secure Coverage Control in Internet of Things**  
Okay F. Y., Ozdemir S.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.90-95
- XXIV. **CEP Rule Extraction from Unlabeled Data in IoT**  
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- XLVIII. **Polynomial Regression Based Secure Data Aggregation for Wireless Sensor Networks**  
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- LI. **Concealed data aggregation in heterogeneous sensor networks using privacy homomorphism**  
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- LII. **Key establishment with source coding and reconciliation for wireless sensor networks**  
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## Supported Projects

Özdemir S., Project Supported by Defense Industry, Improving WebRTC Security via Blockchain Technology, 2019 - 2021  
DESTEK A., ÖZDEMİR S., TUBITAK Project, Nesnelerin İnterneti İçin Sis Hesaplama Temelli Karmaşık Olay İşleme Ve Değerli İçerik Çıkarımı, 2018 - 2021  
Özdemir S., Tosun S., TUBITAK Project, Yeniden Yapılandırılabilen YongaÜstü Ağlar, 2018 - 2020

## Metrics

Publication: 128  
Citation (WoS): 1422  
Citation (Scopus): 2870  
H-Index (WoS): 20  
H-Index (Scopus): 29

## Non Academic Experience

CIS ARGE  
AIR Telekomünikasyon Çözümleri Ticaret Sanayi A.Ş.  
Konneka  
Siyah ARGE  
TÜBİTAK-ULAKBİM