CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname: Özgür Koray Şahingöz

Academic Title: Professor Dr.

Work Address:

Email: osahingoz@biruni.edu.tr

Foreign Languages Known (Score and Year): English, C2 Proficiency, 2017
English, C2 Proficiency, 2012

Degree	Department/Program	University	Year
Post Doctorate	Twente Research and Education on Software Engineering (TRESE)		2012
Doctorate	BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ	Istanbul Technical University	2006
Master's Degree	BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ	Istanbul Technical University	1998
Bachelor's Degree	BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ	Boğaziçi University	1993

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Okunabilir kopyalama algoritmalı DSM sisteminin gerçeklenmesi

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Etmen tabanlı dağıtılmış olay sistemi

Position Title	Workplace	Year
Professor Dr.	Biruni University	2020-Continues
Associate Professor	İstanbul Kültür University	2017-2020
Associate Professor	İstanbul Kültür University	2016-2017

Roles in Projects:

1. *Digital Transformation in Chronic Respiratory Diseases: EvPRETT (Home Pulmonary Rehabilitation Treatment and Follow-up) Application*, Emergency R&D Project of Group A, Şahingöz Ö. K., 2024-Continues.

2. *Deep Learning Based Intrusion Detection System*, Project Supported by Higher Education Institutions, Şahingöz Ö. K., Karataş G., Demir Ö. (Executive), 2018-2020.

Administrative Duties:

1. Head of Main Science/Science Department - Biruni University (2024 - Continues)
2. Head of Department - Biruni University (2021 - Continues)

3. Faculty Executive Board Member - Biruni University (2020 - Continues)
4. Faculty Board Member - Biruni University (2020 - Continues)
5. Faculty Executive Board Member - İstanbul Kültür University (2017 - Continues)
6. Faculty Board Member - İstanbul Kültür University (2017 - Continues)
7. Deputy Head of Department - İstanbul Kültür University (2017 - 2017)

Awards:

1. Ranked among the most prestigious scientists in the world, (2024, 2023, 2022, 2021, 2020, 2019) (2025)
2. Annual Performance Evaluation of Academic Staff, 2nd place of the University (2021) (2021)
3. 1st Place-Winner of the IEEE Turkey Undergraduate Graduation Project Competition and Exhibition-2018 (2018)
4. Certificate of Merit for the 2014 International Conference of Parallel and Distributed Computing (2014)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Nazli I., Korbeko E., Dogru S., Kugu E., Şahingöz Ö. K., "Early Detection of Fetal Health Conditions Using Machine Learning for Classifying Imbalanced Cardiotocographic Data", *Diagnostics*, vol. 15, no. 10, 2025.

A2. Kocyigit E., Korkmaz M., Şahingöz Ö. K., Diri B., "Enhanced Feature Selection Using Genetic Algorithm for Machine-Learning-Based Phishing URL Detection", *Applied Sciences (Switzerland)*, vol. 14, no. 14, 2024.

A3. Birtane S., Şahingöz Ö. K., Korkmaz H., "Vibrational Genetic Algorithm-Based Deployment of Wireless Sensor Networks With Heterogeneous Nodes in Irregularly Shaped Areas", *IEEE Access*, vol. 12, pp. 62926-62941, 2024.

A4. Şahingöz Ö. K., Buber E., Kugu E., "DEPHIDES: Deep Learning Based Phishing Detection System", *IEEE Access*, vol. 12, pp. 8052-8070, 2024.

A5. Bayazit E. C., Şahingöz Ö. K., Dogan B., "Deep Learning based Malware Detection for Android Systems: A Comparative Analysis", *Tehnicki Vjesnik*, vol. 30, no. 3, pp. 787-796, 2023.

A6. Bayazit E. C., Şahingöz Ö. K., Dogan B., "Protecting Android Devices From Malware Attacks: A State-of-the-Art Report of Concepts, Modern Learning Models and Challenges", *IEEE Access*, vol. 11, pp. 123314-123334, 2023.

A7. Korkmaz M., Kocyigit E., Şahingöz Ö. K., Diri B., "A Hybrid Phishing Detection System Using Deep Learning-based URL and Content Analysis", *Elektronika ir Elektrotechnika*, vol. 28, no. 5, pp. 80-89, 2022.

A8. Şahingöz Ö. K., Cekmez U., Buldu A., "Internet of Things (IoTs) Security: Intrusion Detection using Deep Learning", *Journal of Web Engineering*, vol. 20, no. 6, pp. 1721-1760, 2021.

A9. Cebi C. B., Bulut F. S., Firat H., Şahingöz Ö. K., Karatas G., "Deep learning based security management of information systems: A comparative study", *Journal of Advances in Information Technology*, vol. 11, no. 3, pp. 135-142, 2020.

A10. Karatas G., Demir O., Şahingöz Ö. K., "Increasing the Performance of Machine Learning-Based IDSs on an Imbalanced and Up-to-Date Dataset", *IEEE Access*, vol. 8, pp. 32150-32162, 2020.

A11. Şahingöz Ö. K., Buber E., Demir O., Diri B., "Machine learning based phishing detection from URLs", *Expert Systems with Applications*, vol. 117, pp. 345-357, 2019.

A12. Şahingöz Ö. K., "Generation of bezier curve-based flyable trajectories for multi-UAV systems with parallel genetic algorithm", *Journal of Intelligent and Robotic Systems: Theory and Applications*, vol. 74, pp. 499-511, 2014.

A13. Şahingöz Ö. K., "Networking models in flying Ad-hoc networks (FANETs): Concepts and challenges", *Journal of Intelligent and Robotic Systems: Theory and Applications*, vol. 74, pp. 513-527, 2014.

A14. Kugu E., Şahingöz Ö. K., Mckenzie F. D., "Fuzzy logic approach and sensitivity analysis for agent-based crowd injury modeling", *SIMULATION*, vol. 90, no. 3, pp. 320-336, 2014.

A15. Şahingöz Ö. K., "Large scale wireless sensor networks with multi-level dynamic key management scheme", *Journal of Systems Architecture*, vol. 59, no. 9, pp. 801-807, 2013.

A16. Bekmezci I., Şahingöz Ö. K., Temel Ş., "Flying Ad-Hoc Networks (FANETs): A survey", *Ad Hoc Networks*, vol. 11, no. 3, pp. 1254-1270, 2013.

A17. Erdogan N., Selcuk Y. E., Şahingöz Ö. K., "A distributed execution environment for shared java objects", *Information and Software Technology*, vol. 46, no. 7, pp. 445-455, 2004.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Duran S., Akpinar H. N. M., Eser R. I., Dogru S., Şahingöz Ö. K., Intrusion Detection with Machine Learning and Deep Learning Methods in IoT Healthcare, In: *8th International Artificial Intelligence and Data Processing Symposium, IDAP 2024*, Malatya, Turkey, 2024, pp. 1-10.

B2. Teymournezhad M., Şahingöz Ö. K., Path planning of Mobile Robot in Dynamic Environment by Evolutionary Algorithms, In: *International Conference on Computational Systems and Communications (ICCSC2023)*, Kerala, India, 2023, pp. 1-10.

B3. Teymournezhad M., Şahingöz Ö. K., Fuzzy Logic-Based Trajectory Planning for Mobile Robots in an Uncertain and Complex Environment, In: *ICCSC 2023 - Proceedings of the 2nd International Conference on Computational Systems and Communication*, Newyork, United States, 2023, pp. 1-10.

B4. Cige F., Şahingöz Ö. K., Deep Learning-Based Brain Tumor Detection and Classification of MRI Images, In: *2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023*, Newyork, United States, 2023, pp. 1-10.

B5. Bayazit E. C., Şahingöz Ö. K., Dogan B., A Deep Learning Based Android Malware Detection System with Static Analysis, In: *4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications*, Ankara, Turkey, 2022, pp. 1-10.

B6. Keydal D., Oymak E., Demir K. B., Yilmaz G., Şahingöz Ö. K., The Art of Machine Learning as Fashion Stylish for Designing Clothes, In: *4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications*, Ankara, Turkey, 2022, pp. 1-10.

B7. Birtane Akar S., Korkmaz H., Şahingöz Ö. K., Efficient Deployment of Wireless Sensor Nodes with Evolutionary Approaches, In: *4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications*, Ankara, Turkey, 2022, pp. 1-10.

B8. Bayazit E. C., Şahingöz Ö. K., Dogan B., Neural Network Based Android Malware Detection with Different IP Coding Methods, In: *2021 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)*, Ankara, Turkey, 2021, pp. 1-6.

B9. Korkmaz M., Kocyigit E., Şahingöz Ö. K., Diri B., Phishing Web Page Detection Using N-gram Features Extracted from URLs, In: *2021 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)*, Ankara, Turkey, 2021, pp. 1-6.

B10. Korkmaz M., Kocyigit E., Şahingöz Ö. K., Diri B., Deep Neural Network Based Phishing Classification on a High-Risk URL Dataset, In: *2020 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)*, Ankara, Turkey, 2021, pp. 1-6.

B11. Akca T., Şahingöz Ö. K., Kocyigit E., Tozal M., Intelligent Ambulance Management System in Smart Cities, In: *2020 International Conference on Electrical Engineering (ICEE)*, İstanbul, Turkey, 2020, pp. 1-6.

B12. Ozmen M., Sahin H., Şahingöz Ö. K., Genetic Algorithm Based Optimized Waste Collection in Smart Cities, In: *2020 International Conference on Electrical Engineering (ICEE)*, İstanbul, Turkey, 2020, pp. 1-6.

B13. Ozker U., Şahingöz Ö. K., Content Based Phishing Detection with Machine Learning, In: *2020 International Conference on Electrical Engineering, ICEE 2020*, İstanbul, Turkey, 2020, pp. 1-6.

B14. Kocyigit E., Şahingöz Ö. K., Diri B., An Evolutionary Approach to Multiple Traveling Salesman Problem for Efficient Distribution of Pharmaceutical Products, In: *2020 International Conference on Electrical Engineering (ICEE)*, İstanbul, Turkey, 2020, pp. 1-6.

B15. Kalkan S. C., Şahingöz Ö. K., In-Vehicle Intrusion Detection System on Controller Area Network with Machine Learning Models, In: *2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020*, Kharagpur, India, 2020, pp. 1-6.

B16. Cetiner M., Şahingöz Ö. K., A Comparative Analysis for Machine Learning based Software Defect Prediction Systems, In: *2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020*, Kharagpur, India, 2020, pp. 1-6.

B17. Cebi C., Atac E., Şahingöz Ö. K., Job Shop Scheduling Problem and Solution Algorithms: A Review, In: *2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020*, Kharagpur, India, 2020, pp. 1-6.

B18. Korkmaz M., Şahingöz Ö. K., Dıri B., Detection of Phishing Websites by Using Machine Learning-Based URL Analysis, In: *2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020*, Kharagpur, India, 2020, pp. 1-6.

B19. Bayazit E. C., Şahingöz Ö. K., Dogan B., Malware Detection in Android Systems with Traditional Machine Learning Models: A Survey, In: *HORA 2020 - 2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications*, Ankara, Turkey, 2020, pp. 374-381.

B20. Korkmaz M., Şahingöz Ö. K., Diri B., Feature Selections for the Classification of Webpages to Detect Phishing Attacks: A Survey, In: *HORA 2020 - 2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications*, Ankara, Turkey, 2020, pp. 365-373.

B21. Karatas G., Demir O., Şahingöz Ö. K., A Deep Learning Based Intrusion Detection System on GPUs, In: *Proceedings of the 11th International Conference on Electronics, Computers and Artificial Intelligence,*, Pitesti, Romania, 2019, pp. 1-6.

B22. Kalkan S. C., Şahingöz Ö. K., Deep learning based classification of malaria from slide images, In: *2019 Scientific Meeting on Electrical-Electronics and Biomedical Engineering and Computer Science, EBBT 2019*, İstanbul, Turkey, 2019, pp. 1-6.

B23. Sismanoglu G., Onde M. A., Kocer F., Şahingöz Ö. K., Deep learning based forecasting in stock market with big data analytics, In: *2019 Scientific Meeting on Electrical-Electronics and Biomedical Engineering and Computer Science, EBBT 2019*, İstanbul, Turkey, 2019, pp. 1-6.

B24. Yetis R., Şahingöz Ö. K., Blockchain Based Secure Communication for IoT Devices in Smart Cities, In: *7th International Istanbul Smart Grids and Cities Congress and Fair, ICSG 2019*, İstanbul, Turkey, 2019, pp. 1-6.

B25. Dine G., Şahingöz Ö. K., Smart Home Security with the use of WSNs on Future Intelligent Cities, In: *7th International Istanbul Smart Grids and Cities Congress and Fair, ICSG 2019*, İstanbul, Turkey, 2019, pp. 1-6.

B26. Karatas G., Demir O., Şahingöz Ö. K., Deep Learning in Intrusion Detection Systems, In: *International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism, IBIGDELFT 2018*, Ankara, Turkey, 2019, pp. 1-6.

B27. Reis B., Kaya S. B., Karatas G., Şahingöz Ö. K., Intrusion detection systems with GPU-accelerated deep neural networks and effect of the depth, In: *2018 6th International Conference on Control Engineering and Information Technology, CEIT 2018*, İstanbul, Turkey, 2018, pp. 1-6.

B28. Olgun M. C., Baytar Z., Akpolat K. M., Şahingöz Ö. K., Autonomous vehicle control for lane and vehicle tracking by using deep learning via vision, In: *2018 6th International Conference on Control Engineering and Information Technology, CEIT 2018*, İstanbul, Turkey, 2018, pp. 1-6.

B29. Ertugrul E., Kocaman U., Şahingöz Ö. K., Autonomous aerial navigation and mapping for security of smart buildings, In: *Proceedings - 2018 6th International Istanbul Smart Grids and Cities Congress and Fair, ICSG 2018*, İstanbul, Turkey, 2018, pp. 1-6.

B30. Baykal S. I., Bulut D., Şahingöz Ö. K., Comparing deep learning performance on BigData by using CPUs and GPUs, In: *2018 Electric Electronics, Computer Science, Biomedical Engineerings' Meeting, EBBT 2018*, İstanbul, Turkey, 2018, pp. 1-6.

B31. Karatas G., Şahingöz Ö. K., Neural network based intrusion detection systems with different training functions, In: *6th International Symposium on Digital Forensic and Security, ISDFS 2018 - Proceeding*, Antalya, Turkey, 2018, pp. 1-6.

B32. Buber E., Diri B., Şahingöz Ö. K., NLP Based Phishing Attack Detection from URLs, In: *Intelligent Systems Design and Applications. ISDA 2017. Advances in Intelligent Systems and Computing, vol 736. Springer, Cham. https://doi.org/10.1007/978-3-319-76348-4_28*, Delhi, India, 2018, pp. 1-6.

B33. Cekmez U., Ozsiginan M., Şahingöz Ö. K., Multi-UAV Path Planning with Multi Colony Ant Optimization, In: *Intelligent Systems Design and Applications. ISDA 2017. Advances in Intelligent Systems and Computing, vol 736. Springer, Cham. https://doi.org/10.1007/978-3-319-76348-4_28*, Delhi, India, 2018, pp. 1-6.

B34. Ertugrul E., Şahingöz Ö. K., Fault Tolerance in Real-Time Systems: A Review, In: *Intelligent Systems Design and Applications. ISDA 2017. Advances in Intelligent Systems and Computing, vol 736. Springer, Cham. https://doi.org/10.1007/978-3-319-76348-4_28*, Delhi, India, 2018, pp. 1-6.

B35. Buber E., Diri B., Şahingöz Ö. K., Detecting phishing attacks from URL by using NLP techniques DDI Yöntemleri ile Oltalama Saldirilarinin URL'Den Tespit Edilmesi, In: *2nd International Conference on Computer Science and Engineering, UBMK 2017*, Antalya, Turkey, 2017, pp. 1-6.

B36. Birtane S., Kazdal S., Şahingöz Ö. K., 2D coverage analysis of sensor networks with random node deployment, In: *IDAP 2017 - International Artificial Intelligence and Data Processing Symposium*, Malatya, Turkey, 2017, pp. 1-6.

B37. Buber E., Şahingöz Ö. K., Makine Öğrenmesi sistemi ile görüntü İşleme ve en uygun parametrelerin ayarlanmasi, In: *IDAP 2017 - International Artificial Intelligence and Data Processing Symposiumv*, Malatya, Turkey, 2017, pp. 1-6.

B38. Buber E., Demir Ö., Şahingöz Ö. K., Feature selections for the machine learning based detection of phishing websites, In: *IDAP 2017 - International Artificial Intelligence and Data Processing Symposium*, Malatya, Turkey, 2017, pp. 1-6.

B39. Zorlu O., Şahingöz Ö. K., Node placement with evolutionary algorithms for maximum coverage of heterogeneous WSNs Heterojen KAAlarda Maksimum Kapsama için Evrimsel Algoritma ile Düğüm Yerleştirme, In: *2017 25th Signal Processing and Communications Applications Conference, SIU 2017*, Antalya, Turkey, 2017, pp. 1-6.

B40. Zorlu O., Şahingöz Ö. K., Increasing the coverage of homogeneous wireless sensor network by genetic algorithm based deployment, In: *2016 6th International Conference on Digital Information and Communication Technology and Its Applications, DICTAP 2016*, Konya, Turkey, 2016, pp. 1-6.

B41. Tekin Y., Şahingöz Ö. K., A Publish/Subscribe messaging system for wireless sensor networks, In: *2016 6th International Conference on Digital Information and Communication Technology and Its Applications, DICTAP 2016*, Konya, Turkey, 2016, pp. 1-6.

B42. Cekmez U., Ozsiginan M., Şahingöz Ö. K., Multi-UAV path planning with parallel genetic algorithms on CUDA architecture, In: *GECCO 2016 Companion - Proceedings of the 2016 Genetic and Evolutionary Computation Conference*, Denver, United States, 2016, pp. 1079-1086.

B43. Cekmez U., Ozsiginan M., Şahingöz Ö. K., Multi colony ant optimization for UAV path planning with obstacle avoidance, In: *2016 International Conference on Unmanned Aircraft Systems, ICUAS 2016*, Virginia, United States, 2016, pp. 1-6.

B44. Cekmez U., Şahingöz Ö. K., Parallel solution of large scale Traveling Salesman Problems by using clustering and Evolutionary Algorithms Büyük Ölçekli Gezgin Satici Problemlerinin Kümeleme ve Evrimsel Algoritmalar ile Paralel Çözümü, In: *2016 24th Signal Processing and Communication Application Conference, SIU 2016 - Proceedings*, Zonguldak, Turkey, 2016, pp. 1-6.

B45. Birtane S., Şahingöz Ö. K., Data gathering from a large scale Wireless Sensor network with means of Unmanned Aerial Vehicles Insansiz Hava Araçlari ile Büyük Ölçekli Kablosuz Algilayici Aglardan Veri Toplanmasi, In: *2016 24th Signal Processing and Communication Application Conference, SIU 2016 - Proceedings*, Zonguldak, Turkey, 2016, pp. 1-6.

B46. Ozsiginan M., Cekmez U., Şahingöz Ö. K., Controlling moving targets by using unmanned aerial vehicles Hareketli Hedeflerin Insansiz Hava Araçlari ile Kontrolü, In: *Dergi Adı : 2016 24th Signal Processing and Communication Application Conference, SIU 2016 - Proceedings*, Zonguldak, Turkey, 2016, pp. 1-6.

B47. Turker T., Yilmaz G., Şahingöz Ö. K., GPU-accelerated flight route planning for multi-UAV systems using simulated annealing, In: *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, London, United Kingdom, 2016, pp. 279-288.

B48. Turker T., Şahingöz Ö. K., Yilmaz G., 2D path planning for UAVs in radar threatening environment using simulated annealing algorithm, In: *2015 International Conference on Unmanned Aircraft Systems, ICUAS 2015*, Denver, United States, 2015, pp. 1-6.

B49. Birtane Akar S., Şahingöz Ö. K., Solving asymmetric traveling salesman problem using genetic algorithm Genetik Algoritma ile Asimetrik Gezgin Satlel Problemi Çözümlenmesi, In: *2015 23rd Signal Processing and Communications Applications Conference, SIU 2015 - Proceedings*, Malatya, Turkey, 2015, pp. 1-6.

B50. Can O., Şahingöz Ö. K., An intrusion detection system based on neural network Yapay Sinir Aı̆i Tabanli Saldiri Tespit Sistemi, In: *2015 23rd Signal Processing and Communications Applications Conference, SIU 2015 - Proceedings*, Malatya, Turkey, 2015, pp. 1-6.

B51. Turguner C., Şahingöz Ö. K., The study of experimental data transmission in wireless sensor networks Kablosuz Algilayici Aı Üzerinde Deneysel Veri Iletim Çalişmasi, In: *2015 23rd Signal Processing and Communications Applications Conference, SIU 2015 - Proceedings*, Malatya, Turkey, 2015, pp. 1-6.

B52. Turguner C., Şahingöz Ö. K., Solving job shop scheduling problem with Ant Colony Optimization, In: *CINTI 2014 - 15th IEEE International Symposium on Computational Intelligence and Informatics, Proceedings*, Budapest, Malawi, 2014, pp. 1-6.

B53. Can O., Şahingöz Ö. K., Solving container loading problem with simulated annealing algorithm, In: *CINTI 2014 - 15th IEEE International Symposium on Computational Intelligence and Informatics, Proceedings*, Budapest, Hungary, 2014, pp. 1-6.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Şahingöz Ö. K., "UAV path planning with parallel genetic algorithms on CUDA architecture", *Lecture Notes in Engineering and Computer Science*, Springer, Newyork, 2014.

C2.2. Şahingöz Ö. K., "The architecture of mobile agent based distributed intrusion detection system (MABDIDS)", *Lecture Notes in Engineering and Computer Science*, Springer, Newyork, 2014.

C2.3. Şahingöz Ö. K., Erdogan N., "MAPSEC: Mobile-Agent Based Publish/Subscribe Platform for Electronic Commerce", *Lecture Notes in Computer Science*, Springer, Newyork, 2003.

C2.4. Şahingöz Ö. K., Erdogan N., "RUBDES: A Rule Based Distributed Event System", *Lecture Notes in Computer Science*, Springer, Newyork, 2003.

D. Articles published in national peer-reviewed journals:

D1. Şahingöz Ö. K., "Comparison of Machine Learning Models in Intrusion Detection Systems", *Erzincan Üniversitesi Fen Bilimleri Enstitüsü*, vol. 12, no. 3, pp. 1513-1525, 2020.

D2. Şahingöz Ö. K., "Price Forecasting in Stock Exchange with Deep Learning Methods", *BEU Journal of Science*, vol. 9, no. 1, 2020.

D3. Şahingöz Ö. K., "Deep learning based security management of information systems: A comparative study", *Journal of Advances in Information Technology*, vol. 11, no. 3, pp. 135-142, 2020.

D4. Şahingöz Ö. K., "Blockchain Based Information Sharing Mechanism for Cyber Threat Intelligence,", *Balkan Journal of Electrical and Computer Engineering*, vol. 8, no. 3, 2020.

D5. Şahingöz Ö. K., "A Clustering Approach for Intrusion Detection with Big Data Processing on Parallel Computing Platform", *Balkan Journal of Electrical and Computer Engineering*, vol. 7, no. 3, 2019.

D6. Şahingöz Ö. K., "A Comparative Study of Smoothing a Vehicle's Trajectory which is Calculated by an Evolutionary Algorithm", *International Journal of Computer Science and Information Security*, vol. 14, no. 6, pp. 491-496, 2016.

D7. Şahingöz Ö. K., "A multi agent solution for UAV path planning problem with NetLogo", *International Journal of Applied Engineering Research*, vol. 11, 2016.

D8. Şahingöz Ö. K., "A multi agent solution for UAV path planning problem with NetLogo", *International Journal of Applied Engineering Research*, vol. 11, no. 15, pp. 8391-8401, 2016.

D9. Şahingöz Ö. K., Erdogan N., "A two-leveled mobile agent system for e-commerce with constraint-based filtering", *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2004.

D10. Şahingöz Ö. K., Erdogan N., "Dispatching Mechanism of an Agent-Based Distributed Event System", *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2004.

D11. Ermis M., Şahingöz Ö. K., Ulengin F., "An agent based supply chain system with neural network controlled processes", *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2004.

D12. Şahingöz Ö. K., Erdogan N., "MAPSEC: Mobile-agent based publish/subscribe platform for electronic commerce", *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2003.

D13. Şahingöz Ö. K., Erdogan N., "RUBDES: A rule based distributed event system", *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2003.

D14. Şahingöz Ö. K., "Journal of Aeronautics and Space Technologies", *Journal of Aeronautics and Space Technologies*, vol. 1, no. 2, pp. 21-32, 2003.