

## Prof. Dr. TANKUT ACARMAN

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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ScopusID: 6602616551

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### Eğitim Bilgileri

Doktora, Ohio State University, Elektrik Ve Bilgisayar Mühendisliği, Amerika Birleşik Devletleri 1998 - 2002

Yüksek Lisans, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Kontrol Ve Otomasyon Mühendisliği Bölümü, Türkiye 1993 - 1996

Lisans, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Elektrik Mühendisliği Bölümü, Türkiye 1989 - 1993

### Yabancı Diller

Fransızca, C1 İleri

İngilizce, C1 İleri

### Araştırma Alanları

Bilgisayar Ağları, Haberleşme ve Ağ Protokolleri , Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma

### Akademik Unvanlar / Görevler

Prof.Dr., Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2016 - Devam Ediyor

Doç.Dr., Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2010 - 2016

Yrd.Doç.Dr., Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 1994 - 2010

Araştırma Görevlisi, Ohio State University, Electrical And Computer Engineering Department, Electrical And Computer Engineering Department, 1998 - 2002

Araştırma Görevlisi, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Kontrol Ve Otomasyon Mühendisliği Bölümü, 1994 - 1997

### Akademik İdari Deneyim

Bölüm Başkanı, Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - 2022

Anabilim/Bilim Dalı Başkanı, Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği

Bölümü, 2004 - 2022

Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, 2008 - 2015

## Yönetilen Tezler

- ACARMAN T., EVALUATION OF COSINE SIMILARITY FEATURE RESULTS WITH DIFFERENT EXPERIMENTAL SETUPS FOR NAMED ENTITY RECOGNITION ON TWEETS, Yüksek Lisans, O.BÜYÜKTOPAÇ(Öğrenci), 2019
- ACARMAN T., Multi-object tracking by associations on temporal window, Yüksek Lisans, G.GÜNDÜZ(Öğrenci), 2018
- ACARMAN T., Evaluation of Cosine Similarity Feature Results with Different Experimental Setups for Named Entity Recognition on Tweets, Yüksek Lisans, O.BÜYÜKTOPAÇ(Öğrenci), 2018
- ACARMAN T., Vehicle tracking by fusing monocular camera and vehicle to vehicle communication on a real time basis, Yüksek Lisans, M.TEKELİ(Öğrenci), 2017
- ACARMAN T., A feature based simple machine learning approach with word embeddings to named entity recognition on tweets, Yüksek Lisans, M.TAŞPINAR(Öğrenci), 2017
- ACARMAN T., Comparison of dimensionality reduction techniques applied to driving event dataset, Yüksek Lisans, C.ÇETİN(Öğrenci), 2016
- ACARMAN T., Intersection-based routing protocol for vehicular AD-HOC networks, Yüksek Lisans, Ç.YAMAN(Öğrenci), 2016
- ACARMAN T., Driver's maneuvering recognition and assistance system based on particle filter, Yüksek Lisans, E.NURDAN(Öğrenci), 2016
- ACARMAN T., Helping metonymy recognition and treatment through named entity recognition, Yüksek Lisans, H.BURCU(Öğrenci), 2016
- ACARMAN T., Texture based satellite visibility detection, Yüksek Lisans, C.GÖÇMENOĞLU(Öğrenci), 2014
- ACARMAN T., Comparison and combination of named entity recognition tools applied to biographic texts, Yüksek Lisans, S.ATDAĞ(Öğrenci), 2013
- ACARMAN T., Dynamic object detection and tracking using sensor fusion and particle filter, Yüksek Lisans, B.PELENK(Öğrenci), 2013
- ACARMAN T., Managing genetic algorithm parameters to improve SegGen a thematic segmentation algorithm, Yüksek Lisans, N.ŞİRİN(Öğrenci), 2013
- ACARMAN T., Image feature based object description, detection and real time tracking, Yüksek Lisans, R.YILDIZ(Öğrenci), 2013
- ACARMAN T., Multi-hop propagation of safety messages for vehicular ad-hoc networks, Yüksek Lisans, Y.PEKŞEN(Öğrenci), 2013
- ACARMAN T., Measurement of human driver's authority and implementation of assistance system on a simulator study, Yüksek Lisans, P.ULUER(Öğrenci), 2012
- ACARMAN T., Behavior based malicious software detection and classification, Yüksek Lisans, A.PEKTAŞ(Öğrenci), 2012
- ACARMAN T., Security and privacy in vehicular networks, Yüksek Lisans, A.OSMAN(Öğrenci), 2010
- ACARMAN T., Dynamic memory scheduling to enhance processing performance, Yüksek Lisans, M.ERCAN(Öğrenci), 2009
- ACARMAN T., A new driver warning system development and its implementation on a real-time basis, Yüksek Lisans, B.ÇAYIR(Öğrenci), 2009
- ACARMAN T., Cluster design for inter-vehicle communication, Yüksek Lisans, Ö.KAYIŞ(Öğrenci), 2008

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Embodied Footprints: A Safety-Guaranteed Collision-Avoidance Model for Numerical Optimization-Based Trajectory Planning**  
Li B., Zhang Y., Zhang T., ACARMAN T., Ouyang Y., Li L., Dong H., Cao D.  
IEEE Transactions on Intelligent Transportation Systems, cilt.25, sa.2, ss.2046-2060, 2024 (SCI-Expanded)

- II. **Late sensor fusion approach with a designed multi-segmentation network**  
Çaldıran B. E., ACARMAN T.  
Neural Computing and Applications, 2024 (SCI-Expanded)
- III. **Recent Advances in Motion Planning and Control of Autonomous Vehicles**  
Li B., Chen X., ACARMAN T., Li X., Zhang Y.  
Electronics (Switzerland), cilt.12, sa.23, 2023 (SCI-Expanded)
- IV. **Optimization-Based Trajectory Planning for Autonomous Parking With Irregularly Placed Obstacles: A Lightweight Iterative Framework**  
Li B., ACARMAN T., Zhang Y., Ouyang Y., Yaman C., Kong Q., Zhong X., Peng X.  
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, cilt.23, sa.8, ss.11970-11981, 2022 (SCI-Expanded)
- V. **Evaluation of Takeover Time Performance of Drivers in Partially Autonomous Vehicles Using a Wearable Sensor**  
Dogan D., Estrada O. S., ACARMAN T.  
JOURNAL OF SENSORS, cilt.2022, 2022 (SCI-Expanded)
- VI. **Optimization-Based Maneuver Planning for a Tractor-Trailer Vehicle in a Curvy Tunnel: A Weak Reliance on Sampling and Search**  
Li B., Li L., ACARMAN T., Shao Z., Yue M.  
IEEE ROBOTICS AND AUTOMATION LETTERS, cilt.7, sa.2, ss.706-713, 2022 (SCI-Expanded)
- VII. **A Traffic Sign Detection System Linking Hypothesis Tests and Deep Learning Networks**  
ÇETİNKAYA M., ACARMAN T.  
INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE, cilt.36, sa.03, 2022 (SCI-Expanded)
- VIII. **Time-dependent Dijkstra's algorithm under bipolar neutrosophic fuzzy environment**  
Çakır E., Ulukan H. Z., Acarman T.  
Journal Of Intelligent & Fuzzy Systems, cilt.0, sa.0, ss.1-10, 2022 (SCI-Expanded)
- IX. **Optimal Cooperative Maneuver Planning for Multiple Nonholonomic Robots in a Tiny Environment via Adaptive-Scaling Constrained Optimization**  
Li B., Ouyang Y., Zhang Y., ACARMAN T., Kong Q., Shao Z.  
IEEE ROBOTICS AND AUTOMATION LETTERS, cilt.6, sa.2, ss.1511-1518, 2021 (SCI-Expanded)
- X. **Learning to detect Android malware via opcode sequences**  
Pektas A., ACARMAN T.  
NEUROCOMPUTING, cilt.396, ss.599-608, 2020 (SCI-Expanded)
- XI. **Deep learning for effective Android malware detection using API call graph embeddings**  
Pektas A., ACARMAN T.  
SOFT COMPUTING, cilt.24, sa.2, ss.1027-1043, 2020 (SCI-Expanded)
- XII. **VEHICLE TRAVEL TIME ESTIMATION USING SEQUENCE PREDICTION**  
Gunduz G., ACARMAN T.  
PROMET-TRAFFIC & TRANSPORTATION, cilt.32, sa.1, ss.1-12, 2020 (SCI-Expanded)
- XIII. **Evaluation of driver stress level with survey, galvanic skin response sensor data, and force-sensing resistor data**  
Dogan D., Estrada O. S., ACARMAN T.  
ADVANCES IN MECHANICAL ENGINEERING, cilt.11, sa.12, 2019 (SCI-Expanded)
- XIV. **Deep learning to detect botnet via network flow summaries**  
Pektas A., ACARMAN T.  
NEURAL COMPUTING & APPLICATIONS, cilt.31, sa.11, ss.8021-8033, 2019 (SCI-Expanded)
- XV. **A deep learning method to detect network intrusion through flow-based features**  
Pektas A., ACARMAN T.  
INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, cilt.29, sa.3, 2019 (SCI-Expanded)
- XVI. **Botnet detection based on network flow summary and deep learning**  
Pektas A., ACARMAN T.

- INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, cilt.28, sa.6, 2018 (SCI-Expanded)
- XVII. **Malware classification based on API calls and behaviour analysis**  
Pektas A., ACARMAN T.  
IET INFORMATION SECURITY, cilt.12, sa.2, ss.107-117, 2018 (SCI-Expanded)
- XVIII. **Classification of malware families based on runtime behaviors**  
Pektas A., ACARMAN T.  
JOURNAL OF INFORMATION SECURITY AND APPLICATIONS, cilt.37, ss.91-100, 2017 (SCI-Expanded)
- XIX. **VANET-Assisted Cooperative Vehicle Mutual Positioning: Feasibility Study**  
Peker A. U., ACARMAN T.  
IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES, sa.2, ss.448-456, 2017 (SCI-Expanded)
- XX. **Texture-Based Satellite Visibility Detection for Efficient 3D-Model-Aided GNSS**  
ACARMAN T., Gocmenoglu C.  
IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES, sa.2, ss.432-439, 2017 (SCI-Expanded)
- XXI. **A dynamic malware analyzer against virtual machine aware malicious software**  
Pektas A., ACARMAN T.  
SECURITY AND COMMUNICATION NETWORKS, cilt.7, sa.12, ss.2245-2257, 2014 (SCI-Expanded)
- XXII. **Extremum-Seeking Control of ABS Braking in Road Vehicles With Lateral Force Improvement**  
DİNÇMEN E., AKSUN GÜVENÇ B., ACARMAN T.  
IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, cilt.22, sa.1, ss.230-237, 2014 (SCI-Expanded)
- XXIII. **Processing Capacity and Response Time Enhancement by Using Iterative Learning Approach with an Application to Insurance Policy Server Operation**  
Ercan M., ACARMAN T.  
INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, cilt.8, sa.4, ss.514-524, 2013 (SCI-Expanded)
- XXIV. **Framework for development of driver adaptive warning and assistance systems that will be triggered by a driver inattention monitor**  
Aytekin B., Dincmen E., Guevenc B. A., Altuğ E., Guevenc L., Danis S., ACARMAN T., Sezer V., Ararat O., Oencue S.  
International Journal of Vehicle Design, cilt.52, ss.20-37, 2010 (SCI-Expanded)
- XXV. **Propulsion system design of a hybrid electric vehicle**  
Uygan I. M. C., Hartavi A. E., Guevenc L., Sezer V., ACARMAN T.  
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, cilt.52, ss.96-118, 2010 (SCI-Expanded)
- XXVI. **Rollover prevention for heavy trucks using frequency shaped sliding mode control**  
Acarman T., Ozguner U.  
VEHICLE SYSTEM DYNAMICS, cilt.44, sa.10, ss.737-762, 2006 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Driver impairment detection using decision tree based feature selection and classification**  
Çetinkaya M., ACARMAN T.  
Results in Engineering, cilt.18, 2023 (Scopus)
- II. **From Formula One to Autonomous One: History, Achievements, and Future Perspectives**  
Li B., Gao T., Ma S., Zhang Y., ACARMAN T., Cao K., Xu T., Zhang T., Wang F.  
IEEE Transactions on Intelligent Vehicles, cilt.8, sa.5, ss.3217-3223, 2023 (Scopus)
- III. **Trafik İşaret Levhası Tespiti için Derin Öğrenme Yöntemi**  
Çetinkaya M., Acarman T.  
Akıllı Ulaşım Sistemleri ve Uygulamaları Dergisi, cilt.3, sa.2, ss.140-157, 2020 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Case Study: Disease Code (ICD-10) Classification in Turkish Medical Summary Dataset**  
Ozsonmez D. B., ACARMAN T.  
6th International Conference on Intelligent Sustainable Systems, ICISS 2023, Tirunelveli, Hindistan, 3 - 04 Şubat 2023, cilt.665 LNNS, ss.537-545
- II. **Multi-network for Joint Detection of Dynamic and Static Objects in a Road Scene Captured by an RGB Camera**  
Çaldıran B. E., ACARMAN T.  
6th International Conference on Inventive Communication and Computational Technologies, ICICCT 2022, Namakkal, Hindistan, 12 - 13 Mayıs 2022, cilt.383, ss.837-851
- III. **DynasticNet: Dynamic and Static Multi-Network**  
Çaldıran B. E., Acarman T.  
International Conferences on Science and Technology Engineering Sciences and Technology, Budva, Karadağ, 7 - 09 Eylül 2022, ss.60-71
- IV. **Development and Testing of a Wearable Sensor based Driving Confidence Monitoring System for a Prototype Electric Vehicle**  
Dogan D., ACARMAN T., Estrada O. S.  
31st IEEE International Symposium on Industrial Electronics, ISIE 2022, Alaska, Amerika Birleşik Devletleri, 1 - 03 Haziran 2022, cilt.2022-June, ss.1023-1028
- V. **Design of an Experimentation Platform to study Take-over in Human Driver-Automated System Transition**  
Dogan D., ACARMAN T., Estrada O. S.  
31st IEEE International Symposium on Industrial Electronics, ISIE 2022, Alaska, Amerika Birleşik Devletleri, 1 - 03 Haziran 2022, cilt.2022-June, ss.182-187
- VI. **A New Method of Automatic Content Analysis in Disaster Management**  
Can A. B., PARLAK İ. B., ACARMAN T.  
10th International Symposium on Digital Forensics and Security (ISDFS), Maltepe, Türkiye, 6 - 07 Haziran 2022
- VII. **A Late Asymmetric Fusion Approach To Eliminate False Positives**  
Caldıran B. E., ACARMAN T.  
25th IEEE International Conference on Intelligent Transportation Systems, ITSC 2022, Macau, Çin, 8 - 12 Ekim 2022, cilt.2022-October, ss.2080-2085
- VIII. **Fast and Optimal Trajectory Planning for Multiple Vehicles in a Nonconvex and Cluttered Environment: Benchmarks, Methodology, and Experiments**  
Ouyang Y., Li B., Zhang Y., ACARMAN T., Guo Y., Zhang T.  
39th IEEE International Conference on Robotics and Automation, ICRA 2022, Pennsylvania, Amerika Birleşik Devletleri, 23 - 27 Mayıs 2022, ss.10746-10752
- IX. **Bilingual Speech Emotion Recognition Using Neural Networks: A Case Study for Turkish and English Languages**  
Özsönmez D. B., ACARMAN T., PARLAK İ. B.  
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Türkiye, 24 - 26 Ağustos 2021, cilt.308, ss.313-320
- X. **Driver Activity Recognition Using Deep Learning and Human Pose Estimation**  
ÇETİNKAYA M., ACARMAN T.  
2021 International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Kocaeli, Türkiye, 25 - 27 Ağustos 2021
- XI. **Shortest Fuzzy Hamiltonian Cycle on Transportation Network Using Minimum Vertex Degree and Time-dependent Dijkstra's Algorithm**  
Çakır E., Ulukan H. Z., Acarman T.  
16th IFAC Symposium on Control in Transportation Systems, Lille, Fransa, 8 - 10 Haziran 2021, ss.348-353
- XII. **Traffic sign detection by image preprocessing and deep learning**

ÇETİNKAYA M., ACARMAN T.

5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021, Madurai, Hindistan, 6 - 08 Mayıs 2021, ss.1165-1170

**XIII. Next-Day Electricity Demand Forecasting Using Regression\***

ÇETİNKAYA M., ACARMAN T.

2021 International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021, Coimbatore, Hindistan, 25 - 27 Mart 2021, ss.1549-1554

**XIV. Resource Selection for C-V2X and Simulation Study for Performance Evaluation**

Makinaci K. M., ACARMAN T., Yaman C.

IEEE 93rd Vehicular Technology Conference (VTC-Spring), ELECTR NETWORK, 25 - 28 Nisan 2021

**XV. Extremum Seeking For Economic Driving as An OnLine Mobile Application**

Yaman C., ACARMAN T.

16th IFAC Symposium on Control in Transportation Systems (CTS), Lille, Fransa, 8 - 10 Haziran 2021, cilt.54, ss.57-62

**XVI. An Experimental Study on Classification of Drivers Based on Confidence and Command of Driving**

Dogan D., ACARMAN T., Estrada O. S.

29th IEEE International Symposium on Industrial Electronics, ISIE 2020, Delft, Hollanda, 17 - 19 Haziran 2020, ss.1555-1559

**XVII. Trajectory Planning for a Tractor with Multiple Trailers in Extremely Narrow Environments: A Unified Approach**

Li B., Zhang Y., Acarman T., Kong Q., Zhang Y.

IEEE International Conference on Robotics and Automation (ICRA), Montreal, Kanada, 20 - 24 Mayıs 2019, ss.8557-8562

**XVIII. Multi-Agent Reinforcement Learning for Autonomous On Demand Vehicles**

Boyalı A., Hashimoto N., John V., ACARMAN T.

30th IEEE Intelligent Vehicles Symposium (IV), Paris, Fransa, 9 - 12 Haziran 2019, ss.1461-1468

**XIX. Identification of Application in Encrypted Traffic by Using Machine Learning**

Pektas A., ACARMAN T.

5th International Conference on Man-Machine Interactions (ICMMI), Krakow, Polonya, 3 - 06 Ekim 2017, cilt.659, ss.545-554

**XX. Comparative Analysis on Information Fusion Conflict Redistribution and Driving Risk Classification**

Gunduz G., Yaman C., Peker A. U., ACARMAN T.

20th IEEE International Conference on Intelligent Transportation Systems (ITSC), Yokohama, Japonya, 16 - 19 Ekim 2017

**XXI. A Feature Based Simple Machine Learning Approach with Word Embeddings to Named Entity Recognition on Tweets**

Taspınar M., GANİZ M. C., ACARMAN T.

22nd International Conference on Applications of Natural Language to Information Systems (NLDB), Liege, Belçika, 21 - 23 Haziran 2017, cilt.10260, ss.254-259

**XXII. Driving Pattern Fusion Using Dempster-Shafer Theory for Fuzzy Driving Risk Level Assessment**

Gunduz G., Yaman C., Peker A. U., ACARMAN T.

28th IEEE Intelligent Vehicles Symposium (IV), California, Amerika Birleşik Devletleri, 11 - 14 Haziran 2017, ss.595-599

**XXIII. Portable Dynamic Malware Analysis with an Improved Scalability and Automatisation**

Pektas A., ACARMAN T.

10th International Conference on Computer Recognition Systems (CORES), Polanica Zdroj, Polonya, 22 - 24 Mayıs 2017, cilt.578, ss.211-220

**XXIV. Ensemble Machine Learning Approach for Android Malware Classification Using Hybrid Features**

Pektas A., ACARMAN T.

10th International Conference on Computer Recognition Systems (CORES), Polanica Zdroj, Polonya, 22 - 24 Mayıs 2017, cilt.578, ss.191-200

- XXV. **Taking Advantage of Turkish Characteristic Features to Achieve Authorship Attribution Problems for Turkish**  
Saygili N. S., Amghar T., Levrat B., ACARMAN T.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017
- XXVI. **Android Malware Classification by Applying Online Machine Learning**  
Pektas A., Cavdar M., ACARMAN T.  
31st International Symposium on Computer and Information Sciences (ISCIS), Krakow, Polonya, 27 - 28 Ekim 2016, cilt.659, ss.72-80
- XXVII. **WGL-VANET: A Web-based Visualization Tool for VANET Simulations**  
Gocmenoglu C., ACARMAN T., Levrat B.  
IEEE International Conference on Vehicular Electronics and Safety (ICVES), Yokohama, Japonya, 5 - 07 Kasım 2015, ss.62-63
- XXVIII. **Runtime-Behavior Based Malware Classification Using Online Machine Learning**  
Pektas A., ACARMAN T., Falcone Y., Fernandez J.  
World Congress on Internet Security (WorldCIS), Dublin, İrlanda, 19 - 21 Ekim 2015, ss.166-171
- XXIX. **Intersection Based Routing in Urban VANETs**  
ACARMAN T., Yaman C., Peksen Y., Peker A. U.  
18th IEEE International Conference on Intelligent Transportation Systems, İspanya, 15 - 18 Eylül 2015, ss.1087-1092
- XXX. **The Potential Benefits of On-Board Li-Fi for the Cooperation among Vehicles**  
Scopigno R., Autolitano A., ACARMAN T., Yaman C., Topsu S.  
17th International Conference on Transparent Optical Networks (ICTON 2015), Budapest, Macaristan, 05 Temmuz 2015
- XXXI. **A 3D Web-based Visualization Tool for VANET Simulations**  
Gocmenoglu C., ACARMAN T.  
3rd International Conference on Connected Vehicles and Expo (ICCVE), Vienna, Avusturya, 3 - 07 Kasım 2014, ss.827-828
- XXXII. **Preliminary Results on Driving Diagnosis and Indexing**  
Kaplan E., Peker A. U., Par K., ACARMAN T.  
3rd International Conference on Connected Vehicles and Expo (ICCVE), Vienna, Avusturya, 3 - 07 Kasım 2014, ss.602-603
- XXXIII. **The Need for GNSS Position Integrity and Authentication in ITS: Conceptual and Practical Limitations in Urban Contexts**  
Margaria D., Falletti E., ACARMAN T.  
IEEE Intelligent Vehicles Symposium (IV), Michigan, Amerika Birleşik Devletleri, 8 - 11 Haziran 2014, ss.1384-1389
- XXXIV. **Vehicle Localization Enhancement with VANETs**  
Peker A. U., ACARMAN T., Yaman C., Yuksel E.  
IEEE Intelligent Vehicles Symposium (IV), Michigan, Amerika Birleşik Devletleri, 8 - 11 Haziran 2014, ss.655-660
- XXXV. **Definition of Local Integrity Heat Map**  
Kaplan E., Peker A. U., Par K., ACARMAN T.  
IEEE Intelligent Vehicles Symposium (IV), Michigan, Amerika Birleşik Devletleri, 8 - 11 Haziran 2014, ss.1441-1444
- XXXVI. **Fusion of Map Matching And Traffic Sign Recognition**  
Peker A. U., Tosun O., Akin H. L., ACARMAN T.  
IEEE Intelligent Vehicles Symposium (IV), Michigan, Amerika Birleşik Devletleri, 8 - 11 Haziran 2014, ss.867-872
- XXXVII. **Multi-Channel Operation and GNSS Correction Issues**  
Peksen Y., Yaman C., ACARMAN T., Peker A. U.  
13th International Conference on ITS Telecommunications (ITST), Tampere, Finlandiya, 5 - 07 Kasım 2013, ss.468-473
- XXXVIII. **Object Detection and Tracking Using Sensor Fusion and Particle Filter**  
Pelenk B., ACARMAN T.  
IEEE International Conference on Imaging Systems and Techniques (IST), Beijing, Çin, 22 - 23 Ekim 2013, ss.210-

- XXXIX. **Managing Genetic Algorithm Parameters to Improve SegGen, a Thematic Segmentation Algorithm**  
Saygili N. S., Acarman T., Amghar T., Levrat B.  
24th International Workshop on Database and Expert Systems Applications (DEXA), Prague, Çek Cumhuriyeti, 26 - 30 Ağustos 2013, ss.58-62
- XL. **EVALUATION OF DRIVERS AUTHORITY IN A STRUCTURED SET OF DRIVING TASKS AND DECISIONS: PRELIMINARY RESULTS ON VEHICLE SIMULATOR STUDY**  
ULUER P., Gocmenoglu C., ACARMAN T.  
11th ASME Biennial Conference on Engineering Systems Design and Analysis, (ESDA 2012), Nantes, Fransa, 2 - 04 Temmuz 2012, ss.803-811
- XLII. **Driver's Authority Monitoring System for Intelligent Vehicles: A Feasibility Study**  
ULUER P., Gocmenoglu C., ACARMAN T.  
IEEE Intelligent Vehicles Symposium (IV), Alcalá-De-Henares, İspanya, 3 - 07 Haziran 2012, ss.1011-1016
- XLIII. **Proposal of n-gram Based Algorithm for Malware Classification**  
Pektas A., Eris M., ACARMAN T.  
5th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE), Nice, Fransa, 21 - 27 Ağustos 2011, ss.14-18
- XLIV. **Particle Filter Vehicle Localization and Map-Matching Using Map Topology**  
Peker A. U., Tosun O., ACARMAN T.  
IEEE Intelligent Vehicles Symposium (IV), Baden-Baden, Almanya, 5 - 09 Haziran 2011, ss.248-253
- XLV. **A Secure and Privacy Protecting Protocol for VANET**  
Bayrak A. O., Acarman T.  
IEEE Intelligent Vehicles Symposium (IV), California, Amerika Birleşik Devletleri, 21 - 24 Haziran 2010, ss.579-584
- XLVI. **Iterative learning control of dynamic memory caching to enhance processing performance on java platform**  
Ercan M., ACARMAN T.  
International Conference on Computational Science (ICCS), Amsterdam, Hollanda, 31 Mayıs - 02 Haziran 2010, cilt.1, ss.407-416
- XLVII. **Low Cost Driver Monitoring and Warning System Development**  
Cayir B., ACARMAN T.  
IEEE Intelligent Vehicles Symposium, Xian, Çin, 3 - 05 Haziran 2009, ss.94-98
- XLVIII. **Signal Interfacing for Hybrid Electric Vehicular Electronics and an Implementation Study**  
Hartavi A. E., Uygan I. M. C., Sezer V., ACARMAN T., Guevenc L., Kilic V., Yildirim M.  
IEEE International Conference on Vehicular Electronics and Safety, Ohio, Amerika Birleşik Devletleri, 22 - 24 Eylül 2008, ss.326-327
- XLIX. **Test-bed formation for human driver model development and decision making**  
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## Metrikler

Yayın: 80

Atf (WoS): 383

Atf (Scopus): 837

H-İndeks (WoS): 11

H-İndeks (Scopus): 16