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Education Information

Post Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, Turkey
2020 - Continues

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2015
- 2020

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey
2012 - 2015

Undergraduate, Fırat Üniversitesi, Teknik Eğitim Fakültesi, Bilgisayar Eğitimi Bölümü, Turkey 2005 - 2009

Dissertations

Postgraduate, Modeling variability in component oriented software engineering, Middle East Technical University,
Faculty of Engineering, Department of Computer Engineering, 2015

Research Areas

Computer Learning, Software, Software Engineering

Academic Titles / Tasks

Research Assistant PhD, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering,
2010 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Automated classification of remote sensing images using multileveled MobileNetV2 and DWT techniques**
Karadal C. H. , KAYA M. . , Tuncer T., Dogan S., Acharya U. R.
Expert Systems with Applications, vol.185, 2021 (Journal Indexed in SCI Expanded)
- II. **New human identification method using Tietze graph-based feature generation**
Tuncer T., Aydemir E., DOĐAN Ő., Kocat M. A. , Kaya M. . , Metin S.
Soft Computing, 2021 (Journal Indexed in SCI Expanded)
- III. **Internet of Measurement Things Architecture: Proof of Concept with Scope of Accreditation**
KAYA M. . , Nikoo M. S. , Schwartz M. L. , Oguztuzun H.
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- IV. **Internet of Measurement Things: Toward an Architectural Framework for the Calibration Industry**
Nikoo M. S. , KAYA M. Ç. , Schwartz M. L. , Oguztuzun H.
INTERNET OF THINGS IN THE INDUSTRIAL SECTOR: SECURITY AND DEVICE CONNECTIVITY, SMART ENVIRONMENTS, AND INDUSTRY 4.0, pp.81-102, 2019 (Journal Indexed in SCI)
- V. **Comparative analysis of variability modelling approaches in component models**
Suloglu S., KAYA M. Ç. , KARAMANLIOĞLU A., Entekhabi S., Nikoo M. S. , Tekinerdogan B., DOĞRU A. H.
IET SOFTWARE, vol.12, no.6, pp.437-445, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **MESAFE ÖLÇÜMÜ TABANLI GÜVENİLİR KONUM TESPİTİ TEKNİKLERİ VE KARA VE HAVA ARAÇLARI İÇİN ÖRNEK UYGULAMALAR**
TEMİZER S., KAYA M. Ç.
Havacılık ve Uzay Teknolojileri Dergisi, vol.6, no.2, pp.33-48, 2013 (Other Refereed National Journals)

Books & Book Chapters

- I. **Cloud-Enabled Domain-Based Software Development**
Süloğlu S., KAYA M. Ç. , ÇETİNKAYA A., KARAMANLIOĞLU A., DOĞRU A. H.
in: Software Engineering in the Era of Cloud Computing, Mahmood Z., Editor, Springer, Cham, pp.109-130, 2020
- II. **Runtime Adaptability of Ambient Intelligence Systems Based on Component-Oriented Approach**
KAYA M. Ç. , EROĞLU A., KARAMANLIOĞLU A., ONUR E., Tekinerdoğan B., DOĞRU A. H.
in: Guide to Ambient Intelligence in the IoT Environment, Mahmood Z., Editor, Springer, Cham, pp.69-92, 2019
- III. **Variability Incorporated Simultaneous Decomposition of Models Under Structural and Procedural Views**
KAYA M. Ç. , Süloğlu S., TOKDEMİR G., Tekinerdoğan B., DOĞRU A. H.
in: Software Engineering for Variability Intensive Systems : Foundations and Applications, Ivan Mistrik, Matthias Galster, Bruce R. Maxim, Editor, CRC Press, pp.95-116, 2019
- IV. **Managing Heterogeneous Communication Challenges in the IoT using Connector Variability**
KAYA M. Ç. , nikoo m. s. , Süloğlu S., Tekinerdoğan B., DOĞRU A. H.
in: Connected Environments for the Internet of Things: Challenges and Solutions, Mahmood, Zaigham, Editor, Springer, Berlin, pp.1-23, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **An Experimental Study on Decomposition: Process First or Structure First?**
ÇETİNKAYA A., Süloğlu S., KAYA M. Ç. , KARAMANLIOĞLU A., TOKDEMİR G., DOĞRU A. H.
International Symposium on Business Modeling and Software Design, Lisbon, Portugal, 1 - 03 July 2019, pp.279-289
- II. **A CONFIGURABLE GATEWAY FOR DDS-HLA INTEROPERABILITY**
KAYA M. Ç. , KARAMANLIOĞLU A., Cetintas I. C. , Cilden E., Canberi H., Oguztuzun H.
Summer Simulation Conference (SummerSim), Berlin, Germany, 22 - 24 July 2019
- III. **An MII-Aware SoA Editor for the Industrial Internet of Things**
Nikoo M. S. , KAYA M. Ç. , Schwartz M. L. , Oguztuzun H.
2nd IEEE International Workshop on Metrology for Industry 4.0 and Internet of Things (IoT) (MetroInd4.0 and IoT), Naples, Italy, 4 - 06 June 2019, pp.213-218
- IV. **DDS-HLA birlikte çalışabilirlik yaklaşımları üzerine bir literatür araştırması**
KAYA M. Ç. , ÇILDEN E., CANBERİ H., OĞUZZÜN M. H. S.

Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı, Ankara, Turkey, 21 - 23 November 2017

- V. **Component Integration Through Connector Supported Process Models**
ÇETİNKAYA A., KAYA M. Ç. , DOĞRU A. H.
Emerging Trends and Technologies in Convergence Solutions, Society for Design and Process Science, Birmingham, England, 5 - 09 November 2017, pp.31-37
- VI. **Composition Capability of Component-Oriented Development**
KAYA M. Ç. , ÇETİNKAYA A., DOĞRU A. H.
5th International Symposium on Innovative Technologies in Engineering and Science, Baku, Azerbaijan, 29 - 30 October 2017, pp.1299-1307
- VII. **Eşgüdümlü Bileşenler ile Birleştirme Yaklaşımı**
ÇETİNKAYA A., KARAMANLIOĞLU A., KAYA M. Ç. , DOĞRU A. H.
11. Ulusal Yazılım Mühendisliği Sempozyumu, Alanya, Turkey, 18 - 20 October 2017, pp.619-631
- VIII. **Enhancing xoseml with connector variability for component oriented development.**
ÇETİNKAYA A., KAYA M. Ç. , DOĞRU A. H.
International Conference on Emerging trends and technologies in Designing Healthcare Systems, Society for Design and Process Science, Orlando, United States Of America, 4 - 06 December 2016
- IX. **Bileşen Modellerinde Değişkenlik Yönetimi Yaklaşımlarının Karşılaştırılması**
KAYA M. Ç. , KARAMANLIOĞLU A., Saeedi Nikoo M., Entekhabi S., Suloglu S., DOĞRU A. H.
10. Ulusal Yazılım Mühendisliği Sempozyumu, Çanakkale, Turkey, 24 - 26 October 2016, pp.502-513
- X. **TOWARDS VERIFICATION OF COMPONENT COMPOSITIONS INCORPORATING VARIABILITY**
KAYA M. Ç. , Saeedi Nikoo M., Suloglu S., DOĞRU A. H.
The 20th International Conference on Transformative Science and Engineering, Business and Social Innovation, Fort Worth, Texas, United States Of America, 1 - 05 November 2015, pp.202-206
- XI. **Variability modeling in component oriented software engineering**
KAYA M. Ç. , Suloglu S., DOĞRU A. H.
The 19th International Conference on Transformative Science and Engineering, Business and Social Innovation, Kuching, Sarawak, Malaysia, 15 - 19 June 2014, pp.251-259
- XII. **KISMEN ARIZALI OTONOM ROBOTLAR İÇİN EN AZ SAYIDA SONAR SENSÖRÜ KULLANILARAK KAPALI MEKANLARDA KONUM TESPİTİ GERÇEKLEŞTİRİLMESİ**
KAYA M. Ç. , ÇİFTÇİ S., TEMİZER S.
BEŞİNCİ ULUSAL SAVUNMA UYGULAMALARI MODELLEME VE SİMÜLASYON KONFERANSI, Ankara, Turkey, 11 - 12 June 2013, pp.135-144

Citations

Total Citations (WOS):7

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