

## Res. Asst. MUHAMMED ÇAĞRI KAYA

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey  
2015 - Continues

Post Graduate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,  
Turkey 2012 - 2015

Under Graduate, Firat Üniversitesi, Teknik Eğitim Fakültesi, Bilgisayar Eğitimi Bölümü, Turkey 2005 - 2009

### Dissertations

Post Graduate, Modeling variability in component oriented software engineering, Middle East Technical University,  
Faculty of Engineering, Department of Environmental Engineering, 2015

### Academic Titles / Tasks

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

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

- **Internet of Measurement Things Architecture: Proof of Concept with Scope of Accreditation**  
KAYA M. Ç. , Nikoo M. S. , Schwartz M. L. , Oguztuzun H.  
SENSORS, vol.20, 2020 (Journal Indexed in SCI)
- **Collision Chronology Along the Izmir-Ankara-Erzincan Suture Zone: Insights From the Saricakaya Basin, Western Anatolia**  
Mueller M. A. , Licht A., Campbell C., Ocakoglu F., Taylor M. H. , Burch L., Ugrai T., Kaya M., Kurtoglu B., Coster P. M. C.  
, et al.  
TECTONICS, vol.38, pp.3652-3674, 2019 (Journal Indexed in SCI)
- **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)
- **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, pp.437-445, 2018 (Journal Indexed in SCI)
- **Synthesis and Laser Activity of Halo-Acridinedione Derivatives**  
Kaya M., YILDIRIR Y., Tuerker L.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.46, pp.294-297, 2009 (Journal Indexed in SCI)
- **9-(4-methoxyphenyl)-3,3,6,6-tetramethyl-10-p-tolyl-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione**  
Odabasoglu M., Kaya M., Buyukgungor O., Yildirim Y., Turker L.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

● **Optimization of flapping airfoils for maximum thrust and propulsive efficiency**

Tuncer I., Kaya M.

AIAA JOURNAL, vol.43, pp.2329-2336, 2005 (Journal Indexed in SCI)

● **Thrust generation caused by flapping airfoils in a biplane configuration**

Tuncer I., Kaya M.

JOURNAL OF AIRCRAFT, vol.40, pp.509-515, 2003 (Journal Indexed in SCI)

## Books & Book Chapters

● **Runtime Adaptability of Ambient Intelligence Systems Based on Component-Oriented Approach**

KAYA M. Ç. , EROĞLU A., KARAMANLIOĞLU A., ONUR E., TEKİNERDOĞAN B., DOĞRU A. H.

in: Guide to Ambient Intelligence in the IoT Environment, Mahmood, Zaigham, Editor, SPRINGER, pp.69-92, 2018

## Refereed Congress / Symposium Publications in Proceedings

● **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

● **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

## Citations

Total Citations (WOS):131

h-index (WOS):3