

## Lect. MUHTAR URAL ULUER

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey  
2007 - Continues

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey  
2003 - 2007

Undergraduate, Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği Bölümü, Turkey 1999 -  
2003

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Development of a bidding algorithm used in an agent-based shop-floor control system, Middle East  
Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2007

### Research Areas

Mechanical Engineering, Construction and Manufacturing

### Academic Titles / Tasks

Lecturer, Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği Bölümü, 2010 - Continues

Research Assistant, Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği Bölümü, 2005 - 2010

### Courses

COMPUTER AIDED ENGINEERING GRAPHICS, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014  
- 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

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

- I. A framework for energy reduction in manufacturing process chains (E-MPC) and a case study from

### **the Turkish household appliance industry**

ULUER M. U. , ÜNVER H. Ö. , Gök G., FESCİOĞLU-ÜNVER N., KILIÇ S. E.

JOURNAL OF CLEANER PRODUCTION, vol.112, pp.3342-3360, 2016 (Journal Indexed in SCI)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **An investigation into power and energy requirements for the auxiliary components of a CNC lathe**  
ULUER M. U. , ÜNVER H. Ö. , AKKÖK M., KILIÇ S. E.  
The 17th International Conference on Machine Design and Production, Bursa, Turkey, 12 - 15 July 2016, vol.2, pp.611-628
- II. **A Model for Predicting Theoretical Process Energy Consumption of Rotational Parts Using STEP AP224 Features**  
ULUER M. U. , ÜNVER H. Ö. , Akkuş K., KILIÇ S. E.  
20th CIRP International Conference on Life Cycle Engineering, Singapore, 17 - 19 April 2013, vol.1, pp.141-146
- III. **An Eco-Improvement Methodology for Reduction of Product Embodied Energy in Discrete Manufacturing**  
ÜNVER H. Ö. , ULUER M. U. , ALTIN KAYHAN A., TAŞCIOĞLU Y., KILIÇ S. E.  
19th CIRP Conference on Life Cycle Engineering, Berkeley, United States Of America, 23 - 25 May 2012, vol.1, pp.405-410

### **Citations**

Total Citations (WOS):12

h-index (WOS):1

### **Awards**

Uluer M. U. , Excellence in Education Award, Mustafa Parlar Foundation, December 2018