

## Res. Asst. ERHAN BALCI

### Personal Information

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### Education Information

Doctorate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2014 - Continues  
Post Graduate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2012 - 2014  
Under Graduate, Tobb Ekonomi Ve Teknoloji Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey  
2005 - 2011

### Dissertations

Post Graduate, Silisyum Karbür ve Alümina Takviyeli Alüminyum Esaslı İşlevsel Dereceli Malzemelerin Balistik Performansının İncelenmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2014

### Academic Titles / Tasks

Research Assistant, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2012 - Continues

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

- I. **Drilling process optimization by using fuzzy-based multi-response surface methodology**  
BOYACI A. İ. , HATİPOĞLU T., BALCI E.  
ADVANCES IN PRODUCTION ENGINEERING & MANAGEMENT, vol.12, no.2, pp.163-172, 2017 (Journal Indexed in SCI)
- II. **Influence of Different Heat Treatments on the Solid Particle Erosion Behavior of Aluminum Alloy AA 7075 in Industrial Applications**  
KARABAY S., Bayraklılar M. S. , BALCI E.  
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1052-1054, 2015 (Journal Indexed in SCI)
- III. **The ballistic performance of SiC-AA7075 functionally graded composite produced by powder metallurgy**  
ÜBEYLİ M., BALCI E., Sarıkan B., Oztas M. K. , CAMUŞCU N., YILDIRIM R. O. , KELEŞ Ö.  
MATERIALS & DESIGN, vol.56, pp.31-36, 2014 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Drilling of AA6082-T6 Aluminum Alloy by Abrasive Waterjet**  
BALCI E., ARICI A. A. , BALTA B., SINMAZÇELİK T.  
II. INTERNATIONAL ACADEMICRESEARCH CONGRESS, 18 - 21 October 2017
- II. **Forgability of Aluminum 7075 Alloy in Closed Die**  
YARAR E., GÜVEN E. A. , BALCI E., KARABAY S., ELTUT S. B.  
II. INTERNATIONAL ACADEMICRESEARCH CONGRESS, 18 - 21 October 2017

**III. EFFECTS OF CUTTING PARAMETERS ON SURFACE ROUGHNESS OF DIFFERENT POLYMERS**

BALCI E., BOYACI A. İ., ARICI A. A. , BAYNAL K.

International Conference on Engineering and Natural Sciences (ICENS) 2016, Saraybosna, Bosnia And Herzegovina,  
24 - 28 May 2016, pp.684

**IV. A Fuzzy Logic Approach in Optimization of Multi Response Surface in Machining Process**

BOYACI A. İ. , HATİPOĞLU T., BALCI E.

The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015, pp.332-339

## **Citations**

Total Citations (WOS):43

h-index (WOS):3