

Res. Asst. ERHAN BALCI

Personal Information

Email: erhan.balci@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/erhan.balci>

International Researcher IDs

ORCID: 0000-0002-0073-1781

Publons / Web Of Science ResearcherID: C-7501-2018

ScopusID: 55346090300

Yoksis Researcher ID: 36356

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2014 - Continues

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2012 - 2014

Undergraduate, Tobb University Of Economics And Technology, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2005 - 2011

Dissertations

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

Academic Titles / Tasks

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

Published journal articles indexed by SCI, SSCI, and AHCI

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 (SCI-Expanded)

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 (SCI-Expanded)

III. The ballistic performance of SiC-AA7075 functionally graded composite produced by powder metallurgy

ÜBEYLİ M., BALCI E., Sarikan B., Oztas M. K., CAMUŞCU N., YILDIRIM R. O., KELEŞ Ö.

MATERIALS & DESIGN, vol.56, pp.31-36, 2014 (SCI-Expanded)

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 NaturalSciences (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

Metrics

Publication: 7

Citation (WoS): 44

Citation (Scopus): 13

H-Index (WoS): 3

H-Index (Scopus): 2

Non Academic Experience

TOBB Ekonomi ve Teknoloji Üniversitesi