

Assoc. Prof. BÜLENT KAYA

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü/ Makina Mühendisliği, Tasarım Ve Konstrüksiyon, Turkey 2002 - 2009

Foreign Languages

English, C1 Advanced

Research Areas

Technical Sciences, Mechanical Engineering, Construction and Manufacturing, Computer Aided Design and Manufacturing

Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Endüstriyel Tasarım Mühendisliği, 2018 - Continues

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Endüstriyel Tasarım Mühendisliği, 2013 - 2018

Academic and Administrative Experience

Erciyes University, 2013 - Continues

Erciyes University, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of optimal combustion conditions in a diesel engine operating on ethanol/diesel mixtures**
ÖZSEZEN A. N., VARGÜN M., KAYA B., TÜRKCAN A.
Journal of the Energy Institute, vol.107, 2023 (SCI-Expanded)
- II. **Basic computational tools and mechanical hardware for torque-based diagnostic of machining operations**
Tansel I. N., Demetgul M., Bickraj K., Kaya B., Ozcelik B.

JOURNAL OF INTELLIGENT MANUFACTURING, vol.24, no.1, pp.147-161, 2013 (SCI-Expanded)

III. **Detecting chatter and estimating wear from the torque of end milling signals by using Index Based Reasoner (IBR)**

Tansel I. N., Li M., Demetgul M., Bickraj K., Kaya B., Ozcelik B.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.58, pp.109-118, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **El Hareketleri ile Mutfak Gereçlerinin Temassız Kontrolü: Sanal Ocak Üzerine Bir Uygulama Arayüzü**
Buse Batukan B., Kaya B.
Avrupa Bilim ve Teknoloji Dergisi, no.46, pp.116-125, 2023 (Peer-Reviewed Journal)
- II. **Design of Selective Laser Sintering 3D Printer**
Özsolak F. N., Kaya B.
Avrupa Bilim ve Teknoloji Dergisi, vol.1, no.28, pp.785-789, 2021 (Peer-Reviewed Journal)
- III. **Inspection of the Integrity of a Multi Bolt Robotic Arm Using a Scanning Laser Vibrometer and Implementing the Surface Response to Excitation Method SuRE**
FEKRMANDI H., ROJAS J., CAMPBELL J., TANSEL I. N., KAYA B., TAŞKIN S.
International Journal of Prognostics and Health Management, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the Properties of 3D Printers for Additive Manufacturing Processes**
Özsolak F. N., Kaya B.
1 st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.830-834
- II. **BİR OTOMOBİL REFLEKS REFLEKTÖR LENSİNİN ATIKLIĞININ SAYISAL VE DENEYSEL OLARAK İNCELENMESİ**
Sabri E., Fahri İ., Erol K., Selda S., Semay Damla Y., KAYA B.
ISIDE2017, Second International Symposium on INDUSTRIAL DESIGN & ENGINEERING, 13 - 15 September 2017
- III. **Experimental Research and Mathematical Modeling of Parameters Effecting on Cutting Force and Surface Roughness in CNC Turning Process**
Zeqiri F., ALKAN M., KAYA B., TOROS S.
9. International Conference on Tribology, 13 - 15 September 2017
- IV. **Detection of the Development of Chatter In End Milling Operations By Using Index Based Reasoning IBR**
BICKRAJ K., DEMETGÜL M., TANSEL I. N., KAYA B., ÖZÇELİK B.
Proceedings of ECTC 2008 ASME Early Career Technical Conference, MIAMI, United States Of America, 3 - 04 October 2008
- V. **Inspection of Chatter Damage in End Milling Operations by Using Wavelet Transformations**
BICKRAJ K., KAYA B., YAPICI A., LI M., TANSEL I. N., ÖZÇELİK B.
Fifth LACCEI International Latin American and Caribbean Conference for Engineering and Technology (LACCEI'2007), United States Of America, 29 May - 01 June 2007

Supported Projects

SİNANOĞLU C., KAYA B., AKGÜL E., YILMAZ E., TEKİN S. A., Project Supported by Higher Education Institutions, Bilgisayar Destekli Tasarım ve Hızlı Prototipleme Araştırma Altyapısının Geliştirilmesi, 2015 - 2016

Metrics

Publication: 14

Citation (WoS): 28

H-Index (WoS): 2

Non Academic Experience

Florida International University Mechanical and Materials Engineering, Florida Miami, ABD
FORD OTOSAN TÜRKİYE