

Assoc. Prof. MURAT KIYAK

Personal Information

Office Phone: [+90 212 383 2801](tel:+902123832801)

Email: kiyak@yildiz.edu.tr

Other Email: muratkuyak,ytu.makine@gmail.com

Web: <https://avesis.yildiz.edu.tr/kiyak>

Address: YILDIZ TEKNİK ÜNİVERSİTESİ MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ BEŞİKTAŞ İSTANBUL

International Researcher IDs

ScholarID: h1iWD0kAAAAJ

ORCID: 0000-0002-9906-8683

Publons / Web Of Science ResearcherID: AAC-7821-2021

ScopusID: 8377576200

Yoksis Researcher ID: 51489

Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Design, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Machining Methods, Engineering and Technology

Academic and Administrative Experience

Internship Coordinator, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2008 - 2014

Deputy Head of Department, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2005 - 2010

Faculty Board Member, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 1998 - 2001

Courses

İMALAT YÖNTEMLERİ 2, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

MAKİNE TEKNOLOJİSİ TARİHİ, Undergraduate, 2020 - 2021

TAKIM TEZGAHLARI, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of the actual deflection of the cutting tool in turning by the Castigliano theorem**
Kiyak M., Kaner B.
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCIES, vol.16, no.4, pp.1-6, 2023 (SCI-Expanded)
- II. **Investigation of effects of cutting parameters on surface quality and hardness in the wire-EDM process**

Kıyak M.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.119, no.1-2, pp.647-655, 2022
(SCI-Expanded)

Articles Published in Other Journals

- I. **Matkap Ucu Özelliğinin Delik Yüzey Kalitesine ve Delik Maliyetine Etkisi**
Kıyak M.
Metal Makina, no.269, pp.76-78, 2024 (Non Peer-Reviewed Journal)
- II. **A new trochoidal toolpath in milling operations**
Kıyak M., Emiroğlu U., Baştekeli O.
Journal of Thermal Engineering, vol.9, no.2, pp.356-365, 2023 (ESCI)

Books

- I. **Antik Çağlardan Günümüze Arkeoloji Verileriyle Makine Teknolojisi Tarihi**
Kıyak M.
Cinius Yayınları, İstanbul, 2019

Patent

Kıyak M., Altan E., Emiroğlu U., DÖNEN DAİRESEL KESİCİ UÇ İÇEREN BİR TORNALAMA TAKIMI, Patent, CHAPTER F
Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number:
2016/16554 , Standard Registration, 2019

Activities in Scientific Journals

International Journal of Mechanical Engineering and Applications, Editor, 2022 - Continues
JOURNAL OF ADVANCES IN MANUFACTURING ENGINEERING, Editor, 2019 - Continues

Memberships / Tasks in Scientific Organizations

T.C. SANAYİ ve TEKNOLOJİ BAKANLIĞI-KOSGEB, Member of Advisory Board, 2018 - 2019, Turkey
T.C. Sanayi ve Teknoloji Bakanlığı TÜBİTAK - ÇPDK, Member of Advisory Board, 2018 - 2019, Turkey
T.C. Sanayi ve Teknoloji Bakanlığı TÜBİTAK - ÇPDK, Member of Advisory Board, 2017 - 2018, Turkey
T.C. Sanayi ve Teknoloji Bakanlığı TÜBİTAK - ARDEB, Member of Advisory Board, 2014 - 2015, Turkey
T.C. Sanayi ve Teknoloji Bakanlığı TÜBİTAK - TEYDEB, Member of Advisory Board, 2013 - 2014, Turkey

Scientific Refereeing

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, Journal Indexed in SCI-E, January 2022
International Journal Of Advanced Manufacturing Technology, Journal Indexed in SCI-E, December 2021
Proceedings Of The Institution Of Mechanical Engineers Part E-Journal Of Process Mechanical Engineering, SCI Journal,
November 2021
International Journal Of Advanced Manufacturing Technology, SCI Journal, November 2021
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, SCI Journal, August 2021

EMERGING MATERIALS RESEARCH, SCI Journal, February 2021

Proceedings Of The Institution Of Mechanical Engineers Part E-Journal Of Process Mechanical Engineering, SCI Journal, January 2021

Journal Of The Faculty Of Engineering And Architecture Of Gazi University, SCI Journal, January 2021

Metrics

Publication: 62

Citation (WoS): 294

Citation (Scopus): 437

H-Index (WoS): 7

H-Index (Scopus): 7

Congress and Symposium Activities

8. ULUSLARARASI TALAŞLI İMALAT SEMPOZYUMU, Attendee, Antalya, Turkey, 2017

7. ULUSAL TALAŞLI İMALAT SEMPOZYUMU, Attendee, İstanbul, Turkey, 2016

6. ULUSAL TALAŞLI İMALAT SEMPOZYUMU, Attendee, Bursa, Turkey, 2015

Scholarships

High Technology of Metal Works (JICA), Other Government Agencies, 1995 - 1996

Awards

Kıyak M., Best Presentation Award, 2Nd International Conference On Advances İn Science Icas 2017, September 2017

Non Academic Experience

TÜBİTAK, ÇPDK Komisyon Üyesi

TÜBİTAK, ÇPDK Kurul Üyesi

TÜBİTAK, TEYDEB DANIŞMA KURULU ÜYELİĞİ