

## Assoc. Prof. Murat KIYAK

### Personal Information

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**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

Staj Başkanı, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2008 - 2014

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

### 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

1. **Investigation of effects of cutting parameters on surface quality and hardness in the wire-EDM process**

Kiyak M.

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

(SCI-Expanded)

## Articles Published in Other Journals

- I. **A new trochoidal toolpath in milling operations**  
Kiyak M., Emirođlu U., Bařtekelı O.  
Journal of Thermal Engineering, vol.9, no.2, pp.356-365, 2023 (Scopus)

## Books & Book Chapters

- I. **Antik ađlardan Gnmze Arkeoloji Verilerle Makine Teknolojisi Tarihi**  
Kiyak M.  
Cinius Yayınları, İstanbul, 2019

## Patent

Kiyak M., Altan E., Emirođlu U., DNEN DAİRESEL KESİCİ U İEREN 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 BAKANLIđI-KOSGEB, Member of Advisory Board, 2018 - 2019, Turkey  
T.C. Sanayi ve Teknoloji Bakanlıđı TBİTAK - PDK, Member of Advisory Board, 2018 - 2019, Turkey  
T.C. Sanayi ve Teknoloji Bakanlıđı TBİTAK - PDK, Member of Advisory Board, 2017 - 2018, Turkey  
T.C. Sanayi ve Teknoloji Bakanlıđı TBİTAK - ARDEB, Member of Advisory Board, 2014 - 2015, Turkey  
T.C. Sanayi ve Teknoloji Bakanlıđı TBİTAK - 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: 60  
Citation (WoS): 292

Citation (Scopus): 379

H-Index (WoS): 6

H-Index (Scopus): 6

### **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**

JICA, Other Government Agencies, 1995 - 1996

### **Awards**

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