

ÖZGEÇMİŞ

1. **Adı Soyadı:** Mustafa ELMADAĞLI

2. **Doğum Tarihi:** 05.01.1975

3. **Unvanı:** Dr.

4. **Öğrenim Durumu:**

| DERECE (*) | ALAN | ÜNİVERSİTE | YIL |
|------------|----------------------------------|-------------------------------|-----------|
| Lisans | Metaller ve Malzeme Mühendisliği | Orta Doğu Teknik Üniversitesi | 1992-1997 |
| Y. Lisans | Metaller ve Malzeme Mühendisliği | Orta Doğu Teknik Üniversitesi | 1997-2000 |
| Doktora | Malzeme Mühendisliği | University of Windsor, Kanada | 2000-2005 |

5. **Akademik Unvanlar:**

5.1. **Yardımcı Doçentlik Tarihi :**

5.2. **Doçentlik Tarihi :**

5.3. **Profesörlük Tarihi :**

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1. **Yüksek Lisans Tezleri**

6.2. **Doktora Tezleri**

7. **Yayınlar**

7.1. **Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)**

- D. Canadinc, B. Uzer, M. Elmadağlı & F. Guner; Nanotwin Formation in High-Manganese Austenitic Steels Under Explosive Shock Loading; Metallurgical and Materials Transactions A, vol. 49A, issue 4, pp.1026-103, April 2018.
- Meltem İPEKÇİ, Selçuk ACAR, Mustafa ELMADAĞLI, Jürgen HENNİCKED, O. Özge BALCI, Mehmet SOMER; Production of TiB₂ by SHS and HCl leaching at different temperatures: Characterization and Investigation of Sintering Behavior by SPS; Ceramics International, vol. 43, Issue 2, pp. 2039-2045, February 2017.
- Berkay GÜMÜŞ, Burak BAL, Gregory GERSTEIN, Demircan CANADINC, Hans J MAIER, Dr. Ing. Fatih GÜNER, Mustafa ELMADAĞLI; Twinning Activities in High-Mn Austenitic Steels Under High-Velocity Compressive Loading; Materials Science & Engineering A, vol. 648, pp. 104–112, November 2015.
- M. Elmadağlı, T. A. Perry, and A. T. Alpas; ‘A Parametric Study of the Relationships between Microstructure and Wear Resistance of Al-Si Alloys’, Wear, vol. 262, pp.79-92, January 2007.
- M. Elmadağlı and A. T. Alpas; ‘Sliding Wear of an Al–18.5 wt.% Si Alloy Tested in an Argon Atmosphere and against DLC Coated Counterfaces’, Wear, vol. 261, pp.823-834, October 2006.
- M. Elmadağlı and A. T. Alpas; ‘Progression of Wear in the Mild Wear Regime of an Al-18.5% Si (A390) Alloy’, Wear, vol. 261, pp.367-381, August 2006.

- J. Li, M. Elmadagli, V.Y. Gertsman, J. Lo, and A.T. Alpas; ‘FIB and TEM Characterization of Subsurfaces of an Al-Si Alloy (A390) Subjected to Sliding Wear’ Materials Science and Engineering A, vol. 421, pp. 317-327, April 2006,
- H. Ni, M. Elmadagli and A. T. Alpas; ‘Mechanical Properties and Microstructures of 1100 Aluminium Subjected to Dry Machining’ Materials Science and Engineering A, vol. 385, pp. 267-278, November 2004,
- A. G. Raczy, M. Elmadagli, W. J. Altenhof, and A. T. Alpas; ‘An Eulerian Finite Element Model for Determination of Deformation State of a Copper Subjected to Orthogonal Cutting’, Metallurgical and Materials Transactions A, vol. 35, pp. 2393-2400, August 2004.
- M. Elmadagli and A. T. Alpas; ‘Metallographic Analysis of the Deformation Microstructure of Copper Subjected to Orthogonal Cutting’, Materials Science and Engineering A, vol. 355, pp. 249-259, August 2003

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler

- Mustafa ELMADAĞLI, Fatih GÜNER, Orkun Umur ÖNEM, Onur DEMİREL; Stress Corrosion Behaviour in High Strength Aluminum Alloy Rocket/Missile Motor Cases Produced by Flow Forming; 9th International Aluminium Symposium, Istanbul, 10-11 October, 2019
- Furkan ÖZDEMİR, Metehan ERDOĞAN, Mustafa ELMADAĞLI, İshak KARAKAYA; Production of Tungsten by Pulse Current Reduction of CaWO₄; Rare Metal Technology 2016, p. 151-158, TMS (The Minerals, Metals & Materials Society), 2016.
- Metehan ERDOĞAN, Mustafa ELMADAĞLI, İshak KARAKAYA; A Larger Scale Experimental Study of Tungsten Powder Formation By Electrochemical Reduction of CaWO₄ in Molten Salt ; 65th International Conferences on Metallurgy Technology and Materials (ICMTM), 14-15 August 2016, Abu Dhabi.
- Furkan ÖZDEMİR, Metehan ERDOĞAN, Mustafa ELMADAĞLI, İshak KARAKAYA; Investigation of The Larger Scale Tungsten Production by the Electrochemical Reduction Technique; 18th International Metallurgy and Materials Congress, UCMME, 29 Sept. - 01 October 2016, İstanbul.
- Erkan KONCA, Kazım TUR, Mustafa ELMADAĞLI, Fatih GÜNER; Effect of Prior Heat Treatment on the Microstructure and Mechanical Properties of Austempered AISI4340 Steel; IMMC 2014, 17th International Metallurgy and Materials Congress , 11-13 September 2014, İstanbul.
- Mustafa Elmadagli and Ahmet T. Alpas; ‘Investigation of Wear Mechanisms in High Silicon Content Al-Si Alloys Produced by Casting and Spray Deposition’, in International Symposium on Light metals and metal matrix Composites, Gallienne, D. and Ghomashchi, R. (eds.), pp. 127-140, Hamilton, Ontario, August 2004.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- Berkay GÜMÜŞ, Burak BAL, Demircan CANADİNÇ, Mustafa ELMADAĞLI; Yüksek Dayanımlı Manganezli Çelikler ve Balistik Koruma Uygulamalarında Kullanım Potansiyelleri; SAVTEK 2014, 7. SAVUNMA TEKNOLOJİLERİ KONGRESİ, 25-27 Haziran 2014, Ankara

7.7. Diğer yayınlar

7.8. Uluslararası atıflar: 189 (web of science)