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Learning Knowledge

Doctorate 1991 - 1999	Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Mühendisliği Bölümü, Turkey
Postgraduate 1987 - 1991	Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Mühendisliği Bölümü, Turkey
Undergraduate 1983 - 1987	Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Mühendisliği Bölümü, Turkey

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Gaz enjeksiyon ve elementel karbon ilavesi yöntemleri ile tic takviyeli alüminyum matrisli kompozit üretimi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1999

Postgraduate, Mikroalaşımli dövme çeliklerde mikroyapısal karakterizasyon ve mikroyapı-mekanik özellikler ilişkisi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1991

Academic Titles / Tasks

Associate Professor
2019 - Continues

Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering,
Department Of Metallurgical And Materials Engineering

Assistant Professor
1999 - Continues

Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering,
Department Of Metallurgical And Materials Engineering

Supported Projects

1. KERTİ I., Project Supported by Higher Education Institutions, Alüminyum Matrisli B4C Partikül Takviyeli Aşınma Direnci Yüksek Kompozit Malzemelerin aşınma özelliklerinin Belirlenmesi., 2010 - 2014
2. Karaaslan A., Kerti I., Çiğdem M., TUBITAK Project, Aşınmaya Dirençli Alüminyum Matrisli B4C Takviyeli (min %15) Hafif Kompozit Malzemelerin Geliştirilmesi, 2007 - 2011
3. Kerti I., Dağlılar S., Project Supported by Higher Education Institutions, ELEMENTEL KARBON İLAVESİ İLE AL-Tİ-C TANE KÜÇÜLTÜCÜ ÜRETİMİ VE TANEKÜÇÜLTME PERFORMANSININ İNCELENMESİ, 2008 - 2010
4. KERTİ I., Project Supported by Higher Education Institutions, Aşınma Dayanımı Yüksek Bir Malzeme Olarak Al-B4C Kompozitlerinin, Matris-Takviye Arayüzey Özelliklerinin Geliştirilerek Yüksek Hacim Oranında Üretilmesi, 2007 - 2009
5. KERTİ I., Project Supported by Higher Education Institutions, Otomotiv fren balatalarının alüminyum matrisli B4C takviyeli kompozit malzemedan üretimi ve karakterizasyonu, 2004 - 2006

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, June, 2019

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, April, 2019

Designed Lessons

Kerti I., METAL MATRİSLİ KOMPOZİT MALZEMELER VE ÜRETİM TEKNİKLERİ, Postgraduate, 2013 - 2014

Kerti I., Tarama Elektron Mikroskopisi, Postgraduate, 2005 - 2006

Kerti I., X-ışınları, Undergraduate, 2004 - 2005

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Chemical Composition Simplification of the Seydişehir (Konya, Turkey) Alumina Plant Waste**
Atalay Kalsen T. S., Karadağ H. B., Eker Y. R., Kerti I.
Journal of Sustainable Metallurgy, vol.5, no.4, pp.482-496, 2019 (SCI-Expanded)
2. **Autocatalytic Ni-P and Ni-B deposition on SiC powders**
Sezen G., Kilicarslan A., Dağlılar S., Kerti I.
Emerging Materials Research, vol.5, pp.147-152, 2016 (SCI-Expanded)
3. **Oxidation of boron carbide particles at low temperatures**
Kilicarslan A., Toptan F., Kerti I., Piskin S.
MATERIALS LETTERS, vol.128, pp.224-226, 2014 (SCI-Expanded)
4. **Corrosion and tribocorrosion behaviour of Al-Si-Cu-Mg alloy and its composites reinforced with B4C particles in 0.05 M NaCl solution**
Toptan F., Alves A. C., Kerti I., Ariza E., Rocha L. A.

- WEAR, vol.306, pp.27-35, 2013 (SCI-Expanded)
5. **Reciprocal dry sliding wear behaviour of B4Cp reinforced aluminium alloy matrix composites**
Toptan F., Kerti I., Rocha L. A.
WEAR, vol.290, pp.74-85, 2012 (SCI-Expanded)
 6. **Electroless nickel-phosphorus coating on boron carbide particles**
Kilicarslan A., Toptan F., Kerti I.
MATERIALS LETTERS, vol.76, pp.11-14, 2012 (SCI-Expanded)
 7. **Microstructural properties and wear behaviour of AlSi9Mg matrix B4Cp reinforced composites**
Fatih T., Kerti I., Sađın A.
TMS2011 SUPPLEMENTAL PROCEEDINGS, VOL 2: MATERIALS FABRICATION, PROPERTIES, CHARACTERIZATION, AND MODELING, vol.2, pp.837-842, 2011 (SCI-Expanded)
 8. **Effect of particle size particle surface modification pressing pressure and sintering temperature on microstructure and mechanical properties P M Al B4C composites**
Toptan F., Kerti I., Sađın A.
TMS2011 SUPPLEMENTAL PROCEEDINGS, VOL 1: MATERIALS PROCESSING AND ENERGY MATERIALS, vol.1, pp.491-498, 2011 (SCI-Expanded)
 9. **Processing and microstructural characterisation of AA 1070 and AA 6063 matrix B4Cp reinforced composites**
Toptan F., Kilicarslan A., Karaaslan A., ıđdem M., Kerti I.
MATERIALS & DESIGN, vol.31, 2010 (SCI-Expanded)
 10. **Production of Al-Ti-C grain refiners with the addition of elemental carbon**
Gezer B. T., Toptan F., Dađlılar S., Kerti I.
MATERIALS & DESIGN, vol.31, 2010 (SCI-Expanded)
 11. **Microstructural variations in cast B4C-reinforced aluminium matrix composites (AMCs)**
Kerti I., Toptan F.
MATERIALS LETTERS, vol.62, pp.1215-1218, 2008 (SCI-Expanded)
 12. **Production of TiC reinforced-aluminum composites with the addition of elemental carbon**
Kerti I.
MATERIALS LETTERS, vol.59, pp.3795-3800, 2005 (SCI-Expanded)
 13. **Resistivity of Acrylic Dental Base Material to Citric Acid**
Piřkin S., Marřođlu M., Kaban ř., zdemir K., Akdođan ., Kerti I.
Praktische Metallographie-Practical Metallography, vol.29, pp.250-254, 1992 (SCI-Expanded)

Articles Published in Other Journals

1. **B4C TAKVİYELİ MAGNEZYUM (AZ91) MATRİSLİ KOMPOZİTLERİN MİKROYAPISAL KARAKTERİZASYONU**
Kerti I.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.11, pp.18-24, 2019 (Peer-Reviewed Journal)
2. **Production of Al Ti C Grain Refiners with the Addition of Elemental Carbon and K2TiF6**
Fatih T., Kerti I., Sađın A.
LIGHT METALS 2011 Book Series: Light Metals, vol.1, pp.821-825, 2011 (Conference Book)
3. **Akımsız Nikel Kaplama Yöntemi ve Seramik Partiküllerine Uygulanması**
KILIÇARSLAN A., TOPTAN F., KERTİ I.
Metalurji, pp.33-37, 2010 (Non Peer-Reviewed Journal)
4. **Al-B4C Kompozitlerinin Fren Diski Olarak Kullanılabilirliğine Genel Bir Bakış**
TOPTAN F., KUMDALI F., KERTİ I.
Metalurji, pp.11-18, 2006 (Non Peer-Reviewed Journal)
5. **Mikroalaşımli Çelikler ve Otomotiv Endüstrisinde Uygulanması**
KERTİ I., KARAGÖZ ř.

Refereed Congress / Symposium Publications in Proceedings

- 1. PERFORMANCE AND WEAR OF VACUUM BRAZED DIAMOND CUTTING TOOLS WITH REINFORCED ELECTROLYSIS COATING**
B. B., Erbay Y. E., KERTİ I., BAYDOĞAN M.
21th International Metallurgy and Materials Congress, İstanbul, Turkey, 6 - 08 October 2022, pp.195-198
- 2. COMPARISSON OF PROPERTIES OF SPARK PLASMA SINTERING AND VACUUM BRAZING DIAMOND CUTTING TOOLS**
Erbay Y. E., B. B., KERTİ I.
5. Internatinonal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology (IMSMATEC'22), Nevşehir, Turkey, 02 September 2022, pp.109-113
- 3. The Effect of Tin Addition and T6 Heat Treatment on the Mechanical Properties of A356 Aluminum Alloy**
Hasçelik S., KERTİ I.
20th International Metallurgy and Materials Congress, İstanbul, Turkey, 10 June 2021
- 4. The Effects of Zirconium Addition to Aluminum-Silicon-Iron Alloys on the Recrystallization Mechanism**
Kart O., KERTİ I., Birbaşar O.
9th International Conference on Advanced Technologies (İSTANBUL), İstanbul, Turkey, 10 August 2020, pp.124-126
- 5. Extraction Of Vanadium and Zirconium From Red Mud With Acidic Leaching”, II International Conference on Engineering Technology and Innovation**
ATALAY T. S., KERTİ I., KARADAĞ H. B., EKER Y. R., KARADAĞ m. m.
II International Conference on Engineering Technology and Innovation, 7 - 11 March 2018, pp.43
- 6. Determining the Electrospinning Parameters of Poly(ϵ -Caprolactone)**
keler M. K., DAĞLILAR S., KERTİ I., GÜNDÜZ O.
ICCMEME 2017 : 19th International Conference on Chemical, Material, Metallurgical Engineering and Mine Engineering, 13 - 14 November 2017
- 7. Electroless Nickel Boron Deposition onto the SiC and B4C Ceramic Reinforced Materials**
KERTİ I., SEZEN g., DAĞLILAR S.
ICMET 2016 : 18th International Conference on Materials Engineering and Technology, 4 - 05 February 2016, vol.3
- 8. Effects of Li2O Doping on Mechanical and Electrical Properties of Bovine Hydroxyapatite Composites BHA**
DAĞLILAR S., KERTİ I., karagöz m., DUMLUDAĞ F., GÜNDÜZ O., OKTAR F. N.
ICMET 2016 : 18th International Conference on Materials Engineering and Technology, 4 - 05 February 2016, vol.3
- 9. 'Autocatalytic Ni-P and Ni-B Deposition on B4C and SiC Ceramic Particles**
KERTİ I., SEZEN G., KILIÇARSLAN A., DAĞLILAR S.
VI. International Metallurgical Congress, Metallurgy, Materials, Enviromental (MME), 29 May - 01 June 2014, pp.139
- 10. Autocatalytic Ni P and Ni B deposition on SiC ceramic particles**
KERTİ I., sezen g., KILIÇARSLAN A., DAĞLILAR S.
TMS Annual Meeting and Exhibition, orlando, United States Of America, 15 - 19 March 2015
- 11. The analysis of mechanical and electrical property effects of bovine bone hydroxyapatite composites produced with the addition of LiCO3 on biocompatibility**
DAĞLILAR S., KERTİ I., Karagoz M., DUMLUDAĞ F., OKTAR F. N.
TMS Annual Meeting and Exhibition, orlando, United States Of America, 15 - 19 March 2015
- 12. Effect of Laminar Cooling Parameters on Martensite Volume Fractionand Mechanical Properties of Hot Rolled Dual Phase Steel**

DAĞLILAR S., KERTİ I., YILDIRIM S.

2015 TMS Annual Meeting Exhibition Proceedings of symposia sponsored by the Extraction Processing Division (EPD) of The Minerals, Metals Materials Society (TMS), Orlando, Florida, United States Of America, 15 - 19 March 2015, pp.125-131

13. **Production of Ceramic Particle Reinforced Magnesium Matrix Composites**
ÇAVUŞOĞLU Ü., KERTİ I., TOPTAN F.
International Conference on Traditional and Advanced Ceramics 2013 (ICTA2013), 11 - 13 September 2013, pp.29
14. **Production of Al-Ti-C Grain Refiners With K₂TiF₆ and Elemental Carbon Addition and Performance Investigation**
TOPTAN F., KERTİ I., DAĞLILAR S., SAĞIN A., KARADENİZ Ö. F., AMBARKÜTÜK A.
International Conference on Traditional and Advanced Ceramics 2013 (ICTA2013), 11 - 13 September 2013, pp.30
15. **Corrosion Behavior of B₄C-Reinforced AZ91D Matrix Composites**
KOCABAŞ M., KERTİ I., ÇAVUŞOĞLU Ü., CANSEVER N.
EURUCORR 2013 European Corrosion Congress, 1 - 05 September 2013
16. **AA2024-B₄Cp Kompozitlerinin Üretimi ve Karakterizasyonu**
TOPTAN F., ÇİĞDEM M., KERTİ I.
ALUS'05 5. Alüminyum Sempozyumu, Turkey, 13 - 14 October 2011, pp.466-473
17. **Microstructural properties and wear behaviour of AlSi₉Mg matrix B₄Cp reinforced composites**
Toptan F., KERTİ I., SAĞIN A., ÇİĞDEM M., DAĞLILAR S., Yüksel F.
TMS 2011 - 140th Annual Meeting and Exhibition, San Diego, CA, United States Of America, 27 February - 03 March 2011, vol.2, pp.837-842
18. **Effect of particle size particle surface modification pressing pressure and sintering temperature on microstructure and mechanical properties P/M Al-B₄C composites**
Toptan F., KERTİ I., DAĞLILAR S., SAĞIN A., Hacıoğlu T.
TMS 2011 - 140th Annual Meeting and Exhibition, San Diego, CA, United States Of America, 27 February - 03 March 2011, vol.1, pp.491-498
19. **Effect of particle size particle surface modification pressing pressure and sintering temperature on microstructure and mechanical properties P M Al B₄C composites**
TOPTAN F., KERTİ I., DAĞLILAR S., SAĞIN A., HACIOĞLU T.
TMS 140th Annual Meeting and Exhibition TMS2011 SUPPLEMENTAL PROCEEDINGS, VOL 1: MATERIALS PROCESSING AND ENERGY MATERIALS, San Diego, CA, United States Of America, 27 February - 03 March 2011, pp.491-498
20. **Production of Al Ti C Grain Refiners with the Addition of Elemental Carbon and K₂TiF₆**
TOPTAN F., KERTİ I., DAĞLILAR S., SAĞIN A., KARADENİZ Ö. F., AMBARKÜTÜK A.
Light Metals 2011 TMS (The Minerals, Metals Materials Society), 2011, San Diago, CA, United States Of America, 27 February - 03 March 2011, pp.821-825
21. **Microstructural properties and wear behaviour of AlSi₉Mg matrix B₄Cp reinforced composites**
TOPTAN F., KERTİ I., SAĞIN A., ÇİĞDEM M., DAĞLILAR S., Yüksel F.
TMS 140th Annual Meeting and Exhibition TMS2011 SUPPLEMENTAL PROCEEDINGS, VOL 2: MATERIALS FABRICATION, PROPERTIES, CHARACTERIZATION, AND MODELING, San Diego, CA, 27 February - 03 March 2011, pp.837-842
22. **Production of Al-Ti-C Grain Refiners with the Addition of Elemental Carbon and K₂TiF₆**
Toptan F., KERTİ I., DAĞLILAR S., SAĞIN A., Karadeniz O. F., Ambarkutuk A.
Symposium on Light Metals / TMS 140th Annual Meeting and Exhibition, California, United States Of America, 27 February - 03 March 2011, pp.821-825
23. **Ti İlavesinin AlSi₉Mg-B₄C Kompozitlerinde Islatabilirliğe ve Partikül İlave Verimine Etkisi**
TOPTAN F., ÇİĞDEM M., KERTİ I.
15. Uluslararası Metalurji-Malzeme Kongresi, 11 - 13 November 2010
24. **The Effect of Ti Addition on the Properties of Al-B(4)C Interface: A Microstructural Study**
TOPTAN F., Kilicarslan A., KERTİ I.
5th International Materials Symposium/14th Conference of the Sociedade-Portuguesa-de-Materiais, Lisbon,

Portugal, 5 - 08 April 2009, pp.192-197

25. **Al-B4Cp Kompozitlerin Toz Metalurjisi ile Üretimi ve Karakterizasyonu**
HACIOĞLU T., TOPTAN F., DAĞLILAR S., KERTİ İ.
IV International Boron Symposium, 15 - 17 October 2009, vol.333
26. **Akımsız Nikel Kaplama Tekniği ile Bor Karbür (B4C) Partiküllerinin Yüzey Özelliklerinin Değiştirilmesi**
KILIÇARSLAN A., TOPTAN F., KERTİ İ.
IV International Boron Symposium, 15 - 17 October 2009, pp.81-87
27. **Microstructural Characterisation of Al-B4C Interface**
TOPTAN F., KERTİ İ.
seres'09 1. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, 12 - 14 October 2009, pp.1208
28. **Processing and Microstructural Characterisation of AA 1070 and AA 6063 Matrix B4Cp Reinforced Composites**
Toptan F., KILIÇARSLAN A., KARAASLAN A., ÇİĞDEM M., KERTİ İ.
International Conference on Materials for Advanced Technologies, 28 June - 03 July 2009, pp.15
29. **Production of Al-Ti-C grain refiners with the addition of elemental carbon**
Gezer B., Toptan F., DAĞLILAR S., KERTİ İ.
International Conference on Materials for Advanced Technologies, 28 June - 03 July 2009, pp.13
30. **Ti İlavesi ile Üretilen Al-B4C Kompozitlerinde Matris/Takviye Aarayüzeyinin Mikroyapısal Karakterizasyonu**
TOPTAN F., KILIÇARSLAN A., KERTİ İ.
19. Ulusal Elektron Mikroskobu Kongresi (Uluslararası Katılımlı), Turkey, 22 - 25 June 2009, pp.76
31. **Akımsız Nikel Kaplanmış B4C Partiküllerinin Mikroyapısal Karakterizasyonu**
KILIÇARSLAN A., TOPTAN F., KERTİ İ.
19. Ulusal Elektron Mikroskobu Kongresi (Uluslararası Katılımlı), Turkey, 22 - 25 June 2009, pp.65
32. **Ti İlavesi ile Üretilen Al-B4C kompozitlerinde Matris/Takviye Arayüzeyinin Mikroyapısal Karakterizasyonu**
TOPTAN F., KILIÇARSLAN A., KARAASLAN A., KERTİ İ.
5th International Advanced Technologies Symposium (IATS'xx09), 13 - 15 May 2009, pp.1016-1020
33. **Al-B4C Kompozitlerinin Döküm Yolu ile Üretiminde Takviye Partikül İlavesi Koşullarının Optimizasyonu**
TOPTAN F., KILIÇARSLAN A., KARAASLAN A., ÇİĞDEM M., KERTİ İ.
14th International Metallurgy Materials Congress, Turkey, 16 - 18 November 2008, pp.1589-1595
34. **Oxidation of Boron Carbide Powder**
KILIÇARSLAN A., TOPTAN F., KERTİ İ.
Proceedings of 12th International Materials Symposium (IMSP'2008), 15 - 17 October 2008, pp.175-178
35. **Toz Metalurji Yöntemi ile Üretilen Al-B4C Kompozitlerinde Presleme ve Sinterleme Koşullarının Mikroyapı ve Özelliklere Etkisi**
KUMDALI F., TOPTAN F., KERTİ İ.
13. Uluslararası Metalurji-Malzeme Kongresi, 9 - 11 November 2006, pp.919-924
36. **Döküm Yöntemi ile Üretilen Al-B4C Kompozitlerinin Mikroyapı ve Aşınma Davranışlarının İncelenmesi**
KERTİ İ., TOPTAN F.
III. Uluslararası Bor Sempozyumu, 2 - 04 November 2006, pp.367-371
37. **B4C ile Takviye Edilen Alüminyum Matrisli Kompozitlerin Döküm Yöntemi ile Üretimi**
TOPTAN F., KERTİ İ.
12. Uluslararası Metalurji-Malzeme Kongresi ve Fuarı, 28 September - 02 October 2005, pp.808-812
38. **Gaz Enjeksiyon Yöntemi ile TiC Takviyeli Alüminyum Matrisli Kompozit Üretimi**
KERTİ İ., TOPUZ A., BİROL Y.
7. Denizli Malzeme Sempozyumu, Turkey, 2 - 04 April 1997, pp.72-78

39. **27MnSiVS6 Tipi Mikroalaşımli Dövme Çeliklerde Isıl İşlemin Mekanik zelliklere Etkisi**
KERTİ I., KARAGÖZ Ş.
7. Uluslararası Metalurji ve Malzeme Kongresi, 4 - 08 May 1993, pp.887-898
40. **Mikroalaşımli Çelikler**
KERTİ I., KARAGÖZ Ş.
4. Denizli Malzeme Sempozyumu, Turkey, 24 - 26 April 1991, pp.39-49
41. **Polimetil Metakrilat'a Sitrik Asid'in Etkisi**
PİŞKİN S., Marşoğlu M., Kaban Ş., ÖZDEMİR K., AKDOĞAN Ö., KERTİ I.
VII Kimya ve Kimya Mühendisliği Sempozyumu, 2 - 04 April 1991, pp.81

Courses

- Akademik Araştırma Teknikleri, Undergraduate, 2018 - 2019
- Metalurji Ve Malzeme Mühendisliğine Giriş Ve Mühendislik Etiği, Undergraduate, 2019 - 2020
- Uzmanlık Alan Dersi (Yüksek Lisans), Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
- Tarama Elektron mikroskobisi, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
- Yüksek Lisans Tez, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
- Malzeme Teknolojilerinde Tasarım Uygulamaları, Undergraduate, 2019 - 2020, 2018 - 2019
- Metalografi, Undergraduate, 2018 - 2019, 2017 - 2018
- Bitirme Çalışması, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Malzeme Laboratuvarı, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Uzmanlık Alan Dersi (Doktora), Doctorate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009
- Akademik Yazım Ve Sunum Esasları, Undergraduate, 2017 - 2018, 2016 - 2017
- Doktora Tezi, Doctorate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009
- Kristalografi, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Tasarım Uygulamaları, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Tasarım Uygulamaları, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Akademik Yazım Ve Sunum Esasları, Undergraduate, 2017 - 2018
- kristalografi, Undergraduate, 2015 - 2016, 2014 - 2015
- Metalografi, Undergraduate, 2015 - 2016, 2014 - 2015
- Gıda Mühendisliğinde Malzeme Bilimi, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
- Metalografi, Undergraduate, 2015 - 2016, 2014 - 2015
- Seminer, Postgraduate, 2015 - 2016, 2013 - 2014
- Faz Diyagramları, Undergraduate, 2014 - 2015
- Faz Diyagramları, Undergraduate, 2014 - 2015
- X-ışınları, Undergraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011
- Bitirme Ödevi, Undergraduate, 2013 - 2014
- X-ışınları, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
- Malzeme Proses Lab., Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
- METAL MATRİSLİ KOMPOZİT MALZEMELER VE ÜRETİM TEKNİKLERİ, Postgraduate, 2013 - 2014
- Malzeme Proses Laboratuvarı, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
- Tasarım Uygulamaları, Undergraduate, 2013 - 2014, 2012 - 2013
- Kıymetli Metaller Metalurjisi, Undergraduate, 2013 - 2014
- Tasarım Uygulamaları, Undergraduate, 2013 - 2014, 2012 - 2013
- Bitirme Projesi, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Bitirme Projesi, Undergraduate, 2012 - 2013, 2011 - 2012

Malzeme, Undergraduate, 2011 - 2012

Malzeme Karakterizasyonu, Undergraduate, 2011 - 2012

Metalurji ve Malzeme Tasarım Uygulamaları, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Metalurji ve Malzeme Tasarım Uygulamaları, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Malzeme, Undergraduate, 2010 - 2011, 2009 - 2010

X-ışınları, Undergraduate, 2009 - 2010, 2008 - 2009

X-ışınları, Undergraduate, 2008 - 2009

Advising Theses

Kerti I., Alüminyum Titanyum Karbür Tane Küçültücülerin Elementel Karbon Yöntemi İle Üretimi Ve Farklı Alüminyum Alaşımalarında Performans Etkilerinin İncelenmesi, Postgraduate, Ö.FARUK(Student), 2019

Kerti I., Kırmızı çamurdaki değerli metallerin hidrometalurjik proseslerle kazanılması, Postgraduate, T.SELCEN(Student), 2018

Kerti I., Alüminyum matrisli b4c partikül takviyeli aşınma direnci yüksek kompozit malzemelerin aşınma özelliklerinin belirlenmesi, Postgraduate, F.YÜKSEL(Student), 2014

Kerti I., Magnezyum matrisli B4C takviyeli kompozit malzeme üretimi, Postgraduate, Ü.ÇAVUŞOĞLU(Student), 2013

Kerti I., Benzinli enjektörlerin lazer kaynağı ve lazer kaynak parametreleri, Postgraduate, C.GÜNEŞ(Student), 2012

Kerti I., Alüminyum matrisli B4C partikül takviyeli aşınma direnci yüksek kompozit malzeme üretimi, Doctorate, F.TOPTAN(Student), 2011

Kerti I., Al-B4C kompozitlerinde ıslatılabilirliği artırmak amacıyla B4C partiküllerinin yüzey özelliklerinin değiştirilmesi, Postgraduate, A.KILIÇARSLAN(Student), 2009

Kerti I., Alüminyum matrisli B4C takviyeli kompozitlerin toz metalurjisi yöntemi ile üretimi, Postgraduate, F.KUMDALI(Student), 2008

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