

Prof. ABDUL KADİR EKİŞİ

Personal Information

Email: aeksi@cu.edu.tr

Web: <https://avesis.cu.edu.tr//akeksi>

Address: Çukurova Üniversitesi Mühendislik-Mimarlık fakültesi, Makine Müh. Böl. 01330- Sarıçam /ADANA

International Researcher IDs

ORCID: 0000-0003-2227-8006

Publons / Web Of Science ResearcherID: J-7989-2018

Yoksis Researcher ID: 3284

Education

Doctorate, Gazi University, Fen Bilimleri Ens., Turkey 1990 - 1996

Postgraduate, Marmara University, Fen Bilimleri Ens., Makine Eğt., Turkey 1986 - 1988

Undergraduate, Gazi University, Teknik Eğitim Fak., Makine Eğt., Turkey 1984 - 1984

Dissertations

Doctorate, Metal ve Seramik Tozlarının İzostatik Preslenmesi, Gazi University, Makine , Makine, 1996

Postgraduate, Endüstriyel Lasaer Uygulamaları , Marmara University, Makine , İmalat, 1988

Research Areas

Mechanical Engineering, Construction and Manufacturing, Material, Engineering and Technology

Academic Positions

Professor, Cukurova University, Mühendislik Fakültesi, Makina Müh., 1996 - Continues

Supervised Theses

Ekicibil A., Ekşi A. K., Investigation of physical and mechanical properties of 316L and 410 stainless steels manufactured by powder metallurgy method, Doctorate, A.NUR(Student), 2019

Ekşi A. K., The transformation of power generation from gear system to the hydraulic system at rotary kiln, Postgraduate, S.ÜNAL(Student), 2019

Ekşi A. K., Investigating the structural and physical properties for al-7000 series prepared on different temperatures and pressures, Postgraduate, A.NUR(Student), 2014

Ekşi A. K., The influence of sintering and shot peening processes on alumix 431 powder materials, Postgraduate, O.İYNEN(Student), 2009

Ekşi A. K., Development of a nurbs based adaptive slicing procedure for fused deposition modeling in rapid prototyping applications, Doctorate, D.ALİ(Student), 2008

Ekşi A. K., Mechanical properties of different aluminum alloys joined by friction stir welding, Postgraduate,

Journal articles indexed in SCI, SSCI, and AHCI

- I. COMPARATIVE EVALUATION OF CBN, CERAMIC, AND CARBIDE INSERTS DURING HARD TURNING OF AISI 4340 STEEL USING TAGUCHI-BASED GRAY RELATIONAL ANALYSIS
İYNEN O., EKŞİ A. K., ÖZDEMİR M., Rafighi M., AKYILDIZ H. K.
Surface Review and Letters, 2025 (SCI-Expanded)
- II. Pressure effect on the structural, magnetic and thermophysical properties of X12Cr13 martensitic stainless steel prepared by powder metallurgy method
Acar A. N., Kaya D., Ekşi A. K., Ekicibil A.
MATERIALS TODAY COMMUNICATIONS, vol.33, pp.104924-104935, 2022 (SCI-Expanded)
- III. Real 3D turning simulation of materials with cylindrical shapes using ABAQUS/Explicit
İYNEN O., EKŞİ A. K., AKYILDIZ H. K., ÖZDEMİR M.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.43, no.8, 2021 (SCI-Expanded)
- IV. Fe Addition Influence on the Mechanical and Thermophysical Behaviours of PM Alumix 431 Alloy
Acar A. N., Mutlu R. N., Kaya D., Ekşi A. K., Ekicibil A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1, no.1, pp.130031-130045, 2021 (SCI-Expanded)
- V. Experimental and numerical investigation of cutting forces during turning of cylindrical AISI 4340 steel specimens
İYNEN O., EKŞİ A. K., ÖZDEMİR M., AKYILDIZ H. K.
MATERIALS TESTING, vol.63, no.5, pp.402-410, 2021 (SCI-Expanded)
- VI. Effect of pressure on the magnetic and structural properties of X2CrNiMo17-12-2 austenitic stainless steel prepared by powder metallurgy method
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1198, 2019 (SCI-Expanded)
- VII. Effect of temperature and pressure on mechanical, surface and electrochemical properties of Al-1.5Cu-5.5Zn-2.5Mg (Alumix-431)
ACAR A. N., MUTLU R. N., EKŞİ A. K., EKİCİBİL A., Yazici B.
ANTI-CORROSION METHODS AND MATERIALS, vol.65, no.6, pp.558-571, 2018 (SCI-Expanded)
- VIII. Experimental and numerical studies of metallic powders subjected to cold isostatic pressing
EKŞİ A. K., Laman M., BİRCAN D. A., Demir A.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.102, no.5, pp.572-578, 2011 (SCI-Expanded)
- IX. The effects of sintering and shot peening processes on the fatigue strength
İYNEN O., EKŞİ A. K., BİRCAN D. A., DİLEK M.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.41, no.4, pp.202-212, 2010 (SCI-Expanded)
- X. Effect Of Shot Peening Process On Alumix 431 Powder Materials
İlyen O., EKŞİ A. K., BİRCAN D. A.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.25, no.1, pp.83-93, 2010 (SCI-Expanded)
- XI. Alumix 431 Tozunun (Al7xxx) Soğuk ve Sıcak Preslenmesi Üzerine Bir Çalışma
EKŞİ A. K., BİRCAN D. A., Sonsino C.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.22, pp.337-345, 2007 (SCI-Expanded)
- XII. Investigation of mechanical properties before and after sintering of cold isostatically pressed metallic powders
Eksi A. K.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.44, no.4, pp.191-198, 2006 (SCI-Expanded)
- XIII. Tensile and fatigue properties of cold and warm compacted Alumix 431 alloy

- Eksi A. K., VELTL G., PETZOLDT F., LIPP K., SONSINO C.
POWDER METALLURGY, vol.47, no.1, pp.60-64, 2004 (SCI-Expanded)
- XIV. **Experimental and numerical studies of metal powders pressed by uniaxial floating die: Case copper and bronze**
Eksi A. K., Laman M., ATİŞ C. D., Yıldız A., KURT A. O.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.42, no.5, pp.339-352, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **SWAGING/DIAMETER REDUCTION APPLICATIONS IN ALUMINUM ALLOY PIPE MATERIALS**
TAŞ M., EKİŞİ A. K.
KSÜ Mühendislik Bilimleri Dergisi, vol.27, no.3, pp.929-937, 2024 (Peer-Reviewed Journal)
- II. **Structural and Surface Properties of Glass Powder Coated Cr Steels**
Acar A. N., Kaya D., Ekşi A. K., Ekicibil A.
The International Journal of Materials and Engineering Technology, vol.4, no.2, pp.109-116, 2021 (Peer-Reviewed Journal)
- III. **Pressure Influence on the Thermophysical Properties of 316L Austenitic Stainless Steels Manufactured By Powder Metallurgy Method**
Acar A. N., Ekşi A. K., Ekicibil A.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.35, no.1, pp.241-249, 2020 (Peer-Reviewed Journal)
- IV. **THERMOPHYSICAL BEHAVIOURS OF P/M DISTALOY AE ALLOYS AT TEMPERATURE RANGE OF 0-600 °C**
ACAR A. N., EKİŞİ A. K., EKİCİBİL A.
The International journal of Materials and Engineerin Technology, vol.2, no.2, pp.64-69, 2019 (Peer-Reviewed Journal)
- V. **The Physical Properties Of Aluminium-7xxx Series Alloys Produced By Powder Metallurgy Method**
Acar A. N., Ekşi A. K., Ekicibil A.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGİSİ, vol.21, pp.341-350, 2018 (ESCI)
- VI. **Alüminyum Alaşımının Frezelenmesi İşleminde Kesme Parametrelerinin Yüzey Pürüzlülüğüne Etkisinin İncelenmesi**
KÜLEKCİ M. K., EŞME U., EKİŞİ A. K., KOÇOĞLU Z., YILMAZ N. F.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.2, pp.153-160, 2017 (Peer-Reviewed Journal)
- VII. **En Aw 5754 (Almg3) Alüminyum Alaşımının Frezelenmesi İşleminde Kesme Parametrelerinin Yüzey Pürüzlülüğüne Etkisinin İncelenmesi**
KÜLEKCİ M. K., EŞME U., EKİŞİ A. K., ZÜLFÜ K., YILMAZ N. F.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.2, pp.153-160, 2017 (Peer-Reviewed Journal)
- VIII. **Investigation of CuNO₃ as Diesel Fuel Additives**
KESKİN A., YAŞAR A., EKİŞİ A. K.
International Journal of Natural and Engineering Sciences, vol.11, no.1, pp.34-39, 2017 (Peer-Reviewed Journal)
- IX. **Development of the Customized Implant System Using CAD/CAM/CAE Tools**
BİRCAN D. A., Dede D., EKİŞİ A. K.
Advances in Materials and Processing Technologies, no.2, pp.57-65, 2016 (Scopus)
- X. **Some Transport Properties of Alumix-431 Materials by Prepared P/M Method**
EKŞİ A. K., ACAR A. N., EKİCİBİL A.
Manufacturing Science and Technology, vol.3, no.5, pp.253-258, 2015 (Peer-Reviewed Journal)
- XI. **Tomografi Verisinden Elde Edilen Alt Çeneye Uygun İmplant-Abutment Tasarımı ve Analizi**
BİRCAN D. A., Dede D., EKİŞİ A. K.

- CAD/CAM/CAE Dünyası, vol.33, pp.42-47, 2013 (Peer-Reviewed Journal)
- XII. **IGES Based Direct and Adaptive Slicing of CAD Models For RP Applications**
BİRCAN D. A., EKŞİ A. K.
Ç.Ü Fen ve Mühendislik Bilimleri Dergisi, vol.3, pp.10-19, 2008 (Peer-Reviewed Journal)
- XIII. **The investigation in properties of welded 5xxx series Al Alloys by friction stir welding**
DİLEK M., EKŞİ A. K.
Journal of Science and Engineering, pp.123-132, 2007 (Non Peer-Reviewed Journal)
- XIV. **Data Transfer in Layered Manufacturing**
BİRCAN D. A., EKŞİ A. K.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.22, pp.12-24, 2007 (Peer-Reviewed Journal)
- XV. **5083-0,5186-H111 ve 5083-H111 Alüminyum Alaşımlarının Sürtünme Karıştırma Kaynak Yöntemiyle Birleştirilmesi**
DİLEK M., BİRCAN D. A., EKŞİ A. K.
Ç.Ü. Mühendislik-Mimarlık Fakültesi Dergisi, pp.255-268, 2007 (Non Peer-Reviewed Journal)
- XVI. **Dizel Motorlarda Mısır Yağı Biyodizelinin Yakıt Olarak Kullanımının Motor Performans ve Emisyonuna Etkisi**
KESKİN A., EKŞİ A. K.
C.B.Ü. Fen Bilimleri Dergisi, vol.2, no.1, pp.49-55, 2006 (Peer-Reviewed Journal)
- XVII. **Effects of Powder Hardness and Particle Size on the Densification of Cold Isostatically Pressed Powders**
EKŞİ A. K., Süleyman S.
Turkish J. Eng. Env. Sci., no.26, pp.377-384, 2002 (Peer-Reviewed Journal)

Books

- I. **Influence of Shot Peening on Mechanical Properties of the Alumix 431 PM Alloys**
Iynen O., EKŞİ A. K., BİRCAN D. A., DİLEK M.
in: Powder Metallurgy for Automotive, Aluminum Alloys, Hard and Super Hard Materials, Ramakrishnan P., Editor, Medtec, Delhi, pp.125-135, 2013

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Surface and Structural Properties of Martensitic Stainless Steel -Glass Powder Composite Materials Prepared by Powder Metallurgy Method**
Acar A. N., Kaya D., Ekşi A. K., Ekicibil A.
The 4th International Conference of Materials and Engineering Technology (TICMET'22), İstanbul, Turkey, 8 - 10 September 2022, pp.99-103, (Full Text)
- II. **A Review on Aluminium Matrix Composites Manufactured by Powder Metallurgy,**
Pesen E., Ekşi A. K., Acar A. N., Ekicibil A.
The 3rd International Conference of Materials and Engineering Technology (TICMET'21), Gaziantep, Turkey, 5 - 06 November 2021, pp.54-62, (Full Text)
- III. **Structural And Surface Properties Of Glass Powder Coated Cr Steels**
Acar A. N., Kaya D., Ekşi A. K., Ekicibil A.
The 3rd International Conference of Materials and Engineering Technology (TICMET'21), Gaziantep, Turkey, 5 - 06 November 2021, pp.252, (Summary Text)
- IV. **Effect of Glass Powder on the Surface and Microstructural Properties of Dual Phase Steels**
Acar A. N., Ekşi A. K., Ekicibil A.
'8th international Conference on Materials Science and Nanotechnology for Next Generation (MSNG2021), Elazığ, Turkey, 14 - 16 July 2021, pp.13-19, (Full Text)

- V. **Thermophysical Behaviors of Alumix (431)-Fe Alloy Mixtures Prepared by Powder Metallurgy Method**
Acar A. N., Mutlu R. N., Ekşi A. K., Ekicibil A.
6th international Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.70-74, (Full Text)
- VI. **Specific Heat Capacity Behaviours of P/M Distaloy AE Alloy Compacts**
Acar A. N., Ekşi A. K., Ekicibil A.
International Conference on Condensed Matter and Materials Science-2019 (ICCMMS-19), Adana, Turkey, 14 - 19 October 2019, pp.7-13, (Full Text)
- VII. **Corrosion Properties Of Distaloy AE Alloys Prepared By P M Method In 1M KOH Solution**
Acar A. N., Mutlu R. N., Ekşi A. K., Ekicibil A.
The International Conference of Materials and Engineering Technologies (TICMET'19), Gaziantep, Turkey, 10 - 12 October 2019, pp.743-751, (Full Text)
- VIII. **Structural and Physical Properties of Sintered Distaloy AE Alloy Compacts**
Acar A. N., Ekşi A. K., Ekicibil A.
Fourth International Iron and Steel Symposium (UDCS'19 Fourth International Iron and Steel Symposium, Karabük, Turkey, 4 - 06 April 2019, pp.231-233, (Full Text)
- IX. **'Magnetization and Electrical Resistivity of Al-7xxx Alloys Manufacturing by Powder Metallurgy Method**
Acar A. N., Ekşi A. K., Ekicibil A.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.291-293, (Full Text)
- X. **Hardness, Density and Surface Properties of P/M Alumix-(431)-Fe Alloy Mixtures**
Acar A. N., Mutlu R. N., Ekşi A. K., Ekicibil A.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.288-290, (Full Text)
- XI. **Corrosion Properties of Austenitic and Martensitic Stainless Steels Produced by Powder Metallurgy Method"**
Acar A. N., Mutlu R. N., Ekşi A. K., Ekicibil A., Yazıcı B.
XVth International Corrosion Symposium (KORSEM'18), Hatay, Turkey, 26 - 28 September 2018, pp.369-381, (Full Text)
- XII. **Pressure Influence on the Thermophysical Properties of the P/M- Fe-Cr Martensitic Stainless Steels**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.2020-2024, (Full Text)
- XIII. **Evaluation of the Impact Toughnesses of the P/M-X12Cr13 Martensitic Stainless Steels**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.306-309, (Full Text)
- XIV. **On the View of the Impact Toughness of P/M- X2CrNiMo17-12-2 Austenitic Stainless Steels?**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.1-4, (Full Text)
- XV. **Investigation of Magnetic Properties of Zamak-2 Alloy Prepared by Powder Metallurgy**
KOCA B., MUTLU R. N., ACAR A. N., EKŞİ A. K., EKİCİBİL A., YAZICI B.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.334-337, (Full Text)
- XVI. **On the View of the Thermo-Physical Properties of X2CrNiMo17-12-2 Austenitic Stainless Steels Prepared by P/M Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Elazığ, Turkey, 19 - 21

- June 2018, pp.120, (Full Text)
- XVII. **Investigation of CuNO₃ as Diesel Fuel Additives**
KESKİN A., YAŞAR A., EKŞİ A. K.
3rd International Congress on Natural and Engineering Sciences, 21 - 25 July 2017, (Summary Text)
- XVIII. **On the Study of the Structural Properties of Fe-Cr Martensitic Stainless Steels Prepared by Powder Metallurgy Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1, (Summary Text)
- XIX. **The Effect of Pressure on the Magnetic Properties of X12Cr13 Martensitic Stainless Steels Prepared by Powder Metallurgy Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
International Conference on Condensed Matter and Material Sciences(ICCMMS2017), Adana, Turkey, 11 - 15 October 2017, pp.85, (Full Text)
- XX. **On the Structural Properties of Martensitic and Austenitic Stainless Steels Prepared by Powder Metallurgy**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.750, (Full Text)
- XXI. **The Magnetic Properties of X2CrNiMo17-12-2 Austenitic Stainless Steels Produced by P/M Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, pp.268, (Full Text)
- XXII. **Investigating of Structural Properties of 316L Austenitic Stainless Steels Manufactured by P/M Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, pp.276, (Full Text)
- XXIII. **Investigation of the Mechanical and Surface Properties of Alumix 431 Alloys Prepared by Powder Metallurgy**
ACAR A. N., MUTLU R. N., EKŞİ A. K., EKİCİBİL A., YAZICI B.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1, (Summary Text)
- XXIV. **Askeri Kara Araçlarında Mayın Koruma Tedbirleri**
EKŞİ A. K., Erbil Y., BİRCAN D. A., Güzel S.
1st International Mediterranean Science And Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.318-330, (Full Text)
- XXV. **Mayını Alan Temizleme Ve Geçit Açıma Sistemleri**
Erbil Y., EKŞİ A. K., BİRCAN D. A., Güzel S.
1st International Mediterranean Science And Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.10-20, (Full Text)
- XXVI. **The DSC Studies and Thermoelectric Properties of Alumix (431) Alloy prepared by P/M Method**
Acar A. N., Ekşİ A. K., EKİCİBİL A.
2nd International of Advanced and Functional Material Technologies (AFMAT), Antalya, Turkey, 20 - 22 October 2016, pp.11, (Summary Text)
- XXVII. **Investigation of Alumix (431) Anode for Al-Air Battery Performance**
Mutlu R. N., Acar A. N., Ekşİ A. K., EKİCİBİL A., Yazıcı B.
2nd International of Advanced and Functional Material Technologies (AFMAT), Antalya, Turkey, 20 - 22 October 2016, pp.25, (Summary Text)
- XXVIII. **Corrosion Properties of Cold and Warm Compacted Alumix (431) Alloys**
ACAR A. N., MUTLU R. N., EKŞİ A. K., EKİCİBİL A., YAZICI B.

- Uluslararası Enerji Ve Mühendislik Kongresi (UEMK), Gaziantep, Turkey, 13 - 14 October 2016, pp.820, (Full Text)
- XXIX. **Evaluation of Ni and Mo based additives as a Combustion Catalyst for Diesel Fuel**
EKŞİ A. K., KESKİN A., YAŞAR A.
2nd International Congress on Natural Engineering and Sciences, 1 - 05 September 2016, (Full Text)
- XXX. **Evaluation of Ni and Mo Based Additives as a Combustion Catalyst for Diesel Fuels**
EKŞİ A. K., KESKİN A., YAŞAR A.
2nd International Journal of Natural and Engineering Sciences, Üsküp, Macedonia, 1 - 05 September 2016, pp.27-31, (Full Text)
- XXXI. **Sürtünme Karıştırma Esaslı İşleme Yöntemleri**
ÖCALIR Ş., Külekçi M. K., EŞME U., EKŞİ A. K.
4 th INTERNATIONAL CONFERENCE ON WELDING TECHNOLOGIES and EXHIBITION, 11 - 13 May 2016, (Full Text)
- XXXII. **Some Transport Properties of Alumix 431 Materials by Prepared P M Method**
EKŞİ A. K., ACAR A. N., EKİCİBİL A.
AMPT Conferences-Manufacturing, Machining, Repairing& Advanced Material for Oil & Gas Industry, Dubai, United Arab Emirates, 17 - 20 December 2014, vol.3, pp.253-258, (Full Text)
- XXXIII. **A study of Physical and Thermoelectric Properties of Alumix Materials Produced PM Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
EUROMAT2015, 24 - 28 September 2015, (Summary Text)
- XXXIV. **A Study of Physical and Thermoelectric Properties of Alumix(431) Materials Produced P/M Method**
Acar A. N., Ekşİ A. K., Ekicibil A.
European Congress and Exhibition on Advanced Materials and Process (Euromat, 2015), Warszawa, Poland, 20 - 25 September 2015, pp.1, (Summary Text)
- XXXV. **Review: Searching of Thermoelectric Properties of of Al and Al Derivated Alloys Produced P/M Methods**
ACAR A. N., EKŞİ A. K.
7th International Powder Metallurgy Conference and Exhibition, Ankara, Turkey, 24 - 28 June 2015, pp.40-41, (Full Text)
- XXXVI. **Design and Analysis of the Customized Implant System Using CAD/CAM/CAE Tools**
BİRCAN D. A., Dede D., EKŞİ A. K.
3rd International Symposium on Innovative Technologies in Engineering and Science, ISITES2015, Valencia, Spain, 3 - 05 June 2015, pp.34-42, (Full Text)
- XXXVII. **The Fatigue Properties of the Machine Elements Produced By Powder Metallurgy**
Ünal S., Ekşİ A. K., Acar A. N., Dede D.
7th International Powder Metallurgy Conference and Exhibition, Ankara, Turkey, 24 - 28 June 2014, pp.50-51, (Full Text)
- XXXVIII. **Manufacturing of Dental Implants Using Powder Metallurgy (P/M) Process**
BİRCAN D. A., EKŞİ A. K., Dede D.
7th International Powder Metallurgy Conference, Ankara, Turkey, 24 - 28 June 2014, pp.125-132, (Full Text)
- XXXIX. **Construction of 3d Finite Element Model of Human Mandible for Biomechanical Analysis**
DİLEK M., BİRCAN D. A., EKŞİ A. K.
2nd International Scientific Conference on Engineering, Antalya, Turkey, 22 - 24 November 2012, pp.409-413, (Full Text)
- XL. **The Effect of sintering and Nitriding Processes on Distaloy AE Powder Materials**
AKBULUT İ., EKŞİ A. K., BİRCAN D. A., DİLEK M.
6th International Powder Metallurgy Conference & Exhibition, Ankara, Turkey, 1 - 03 June 2011, pp.100, (Full Text)
- XLI. **Spall Liner: From Fiber to Protection**
Erbil Y., EKŞİ A. K., BİRCAN D. A.
6th International Advanced Technologies Symposium (IATS?11, Elazığ, Turkey, 16 - 18 May 2011, pp.146-156, (Full Text)
- XLII. **Materials Used in Ballistic Protection**

- Erbil Y., EKŞİ A. K., BİRCAN D. A.
 13th International Materials Symposium (IMSP?2010), Denizli, Turkey, 13 - 15 October 2010, pp.137-145, (Full Text)
- XLIII. Sürtünme Karıştırma Kaynak Yöntemi ile Birleştirilen 5083-0 ve 5186-H111 Alüminyum Alaşımı Bağlantılarının Mekanik ve Mikroyapı Özelliklerinin İncelenmesi**
 DİLEK M., BİRCAN D. A., EKŞİ A. K., Iylen O.
 1st International Conference on Welding Technologies, Adana, Turkey, 11 - 13 June 2009, pp.100, (Full Text)
- XLIV. Design and Investigation of Improvement of Fatigue Properties of the Machine Elements Produced by Powder Metallurgy**
 Iylen O., EKŞİ A. K., BİRCAN D. A., DİLEK M.
 5th International Advanced Technologies Symposium (IATS?09), Karabük, Turkey, 13 - 15 May 2009, pp.978-983, (Full Text)
- XLV. Experimental and Numerical Studies of Metal Powders Pressed By Cold Isocratic Pressing Unit Case Aluminum and Iron**
 EKŞİ A. K., BİRCAN D. A.
 5. International Powder Metallurgy Conference, Ankara, Turkey, 8 - 12 October 2008, pp.168-176, (Full Text)
- XLVI. Soğuk ve Sıcak Preslenen Alüminyum Alaşımının (Al7xxx) Mekanik Özellikleri**
 EKŞİ A. K., BİRCAN D. A.
 11th International Materials Symposium, Denizli, Turkey, 19 - 21 April 2006, pp.807-814, (Full Text)
- XLVII. The Investigation in Properties of Welded Dissimilar Al Alloys by Friction Stir Welding**
 DİLEK M., EKŞİ A. K., BİRCAN D. A.
 11th International Materials Symposium, Denizli, Turkey, 19 - 21 April 2006, pp.728-733, (Full Text)
- XLVIII. Comparison and investigation of mechanical properties of bronze and copper powders compressed by computer controlled uniaxial die and cold isostatic pressing methods**
 EKŞİ A. K., SÜLEYMAN S.
 3th. International Powder Metallurgy Conference, 5 - 08 September 2002, (Full Text)
- XLIX. Metal ve seramik tozlarının bilgisayar kontrollü tek eksenli kalıpta preslenmesi**
 EKŞİ A. K., KURT A. O.
 Uluslararası Katılımlı 2. Ulusal Toz Metalürjisi Konferansı, Turkey, 15 - 17 September 1999, (Full Text)
- L. Bilgisayar kontrollü tek eksenli kalıpta preslenen bakır ve bronz tozlarının mekanik özelliklerinin incelenmesi**
 Ekşi A. K., Kurt A. O.
 Bilim Günleri Makine Mühendisleri Odası Denizli Şubesi, Denizli, Turkey, 5 - 07 May 1999, pp.1, (Full Text)

Funded Projects

- Acar A. N., Kaya D., Ekşi A. K., EKİCİBİL A., Project Supported by Higher Education Institutions, Paslanmaz çelik çimento-cam tozu kompozit malzeme üretimi ve yapısal fiziksel ve mekaniksel özelliklerinin incelenmesi, 2021 - 2023
- BİRCAN D. A., Kayalı A., Karaduman D., SARIGEÇİLİ M. İ., EKŞİ A. K., Project Supported by Higher Education Institutions, Medikal Vidaların Biyomekanik Performansının Deneysel ve Sonlu Elemanlar Yöntemi Kullanılarak İncelenmesi, 2018 - 2023
- EKŞİ A. K., ACAR A. N., EKİCİBİL A., Project Supported by Higher Education Institutions, Toz Metalürjisi Metoduyla Üretilen 316 L Östenitik ve 410 Martenzitik Paslanmaz Çeliklerin Fiziksel ve Mekaniksel Özelliklerin İncelenmesi, 2018 - 2022
- EKŞİ A. K., Project Supported by Higher Education Institutions, Investigating of Structural Properties of 316L Austenitic Stainless Steels Manufactured By PM Method, 2017 - 2018
- EKŞİ A. K., BİRCAN D. A., Project Supported by Higher Education Institutions, Toz Metalürjisi Yöntemi İle Üretilen Hafif Metallerin Termoelektrik Özellikleri Üzerine Bir Çalışma, 2016 - 2018
- TÜKEL S. S., PAKSOY H. Ö., AKILLI H., ESEN R., ÖZÇELİK B., EKİCİBİL A., EKŞİ A. K., YILDIZ E., GÜZEL B., KARDAŞ G., et al., Project Supported by Higher Education Institutions, Temel ve Mühendislik Bilimlerinde Çeşitli Malzemelerin Fiziksel

Özelliklerinin Araştırılabilmeleri için gerek duyulan Fiziksel Özellik Ölçüm Sistemi PPMS Physical Property Measurement Sisteminin Çukurova Üniversitesi Merkezi Araştırma Laboratuvarına Kazandırılması ve Malzeme Üretim Laboratuvarının Oluşturulması, 2015 - 2018

EKŞİ A. K., YAŞAR A., KESKİN A., Project Supported by Higher Education Institutions, Evaluation of Ni and Mo based additives as a Combustion Catalyst for Diesel Fuels, 2016 - 2017

BİRCAN D. A., EKŞİ A. K., Dede D., Türedi A. T., Project Supported by Higher Education Institutions, Endüstriyel Ekipman Kondisyonlarının ve Muhtemel Hataların Belirlenmesinde Kullanılacak Test Düzeneğinin Tasarım ve İmalatı, 2015 - 2017

EKŞİ A. K., Project Supported by Higher Education Institutions, Design And Analysis of the Customized Implant System Using CAD/CAM/CAE Tools, 2015 - 2015

EKŞİ A. K., Project Supported by Higher Education Institutions, Borlama ve Bilyalı Dövmenin Toz Metalurjisi Yöntemleriyle Üretilen Paslanmaz Çelik Toz Malzemelerde Mekanik Özelliklere Etkisinin İncelenmesi Üzerine Bir Çalışma, 2012 - 2015

Metrics

Publication: 86

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H-Index (WoS): 2

H-Index (Scopus): 3

Non Academic Experience

TSE, Raportör