

Prof. İBRAHİM USLAN

Personal Information

Email: iuslan@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/iuslan>

International Researcher IDs

ORCID: 0000-0003-1486-4865

Yoksis Researcher ID: 3113

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 1993 - 1999

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 1989 - 1993

Undergraduate, Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1983 - 1988

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, GAZ ATOMİZE ALUMİNYUM TOZLARININ ÖZELLİKLERİNE ÜRETİM DEĞİŞKENLERİNİN ETKİSİNİN ARAŞTIRILMASI, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 1999

Postgraduate, SAFİL ALUMİNA İÇEREN ALUMİNYUM-ÇİNKO MATRİSLİ KOMPOZİTLERİN SİĞ BATMA SÜRÜNME DAVRANIŞLARININ İNCELENMESİ, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 1993

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2012 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2006 - 2012

Assistant Professor, Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2003 - 2006

Research Assistant, Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1989 - 2003

Academic and Administrative Experience

Council of Higher Education (CoHE) Supervisory Board Member, Diğer (Kurumlar,hastaneler Vb.), 2021 - 2023

Gazi University, Rektörlük, 2016 - 2020

Ankara Hacı Bayram Veli University, Rektörlük, 2018 - 2018

Gazi University, Rektörlük, 2012 - 2014

Gazi University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2008 - 2012

Advising Theses

- USLAN İ., Experimental Research On The Ballistic Properties Of Dilatant Materials, Doctorate, H.KEMAL(Student), 2018
- USLAN İ., Controller Design And Application For Two Axis Motion Platform, Postgraduate, Ö.Tuncel(Student), 2018
- USLAN İ., Experimental investigation on electrical discharge machining Performance of composite powder metal electrodes, Doctorate, O.Gülcan(Student), 2016
- USLAN İ., Investigation And Multi Physics Simulation Of Effect Of Adding Powder Into Dielectric Fluid And Heating On Processing Performance In Drilling With Electric Discharge Machining Using Rotary Electrode, Doctorate, O.ERDEM(Student), 2016
- USLAN İ., Analysis Of Bird Strike Effects On The Wing Of A Training Aircraft, Postgraduate, T.KİPER(Student), 2015
- USLAN İ., Development Of A New Model For Magnetorheological Fluids And Determination Of Damping Characteristics, Doctorate, N.DOĞDU(Student), 2015
- USLAN İ., Investigation of production parameters of porous copper surfaces used on heat exchangers, Postgraduate, S.ZENBİLCİ(Student), 2011
- USLAN İ., TOZ ENJEKSİYON YÖNTEMİYLE KALIPLANMIŞ MgO TAKVİYELİ ALÜMİNANIN MEKANİK ÖZELLİKLERİNİN ARAŞTIRILMASI, Postgraduate, O.ERDEM(Student), 2010
- USLAN İ., INVESTIGATION OF MOLDABILITY PARAMETERS OF POWDER INJECTION MOLDED Al-Fe-V-Si COMPOSITES BY ADDING ALUMINA, Postgraduate, E.TURAN(Student), 2010
- GEMALMAYAN N., USLAN İ., Kendinden yağlamalı grafit katkılı bronz yatakların aşınma davranışının incelenmesi, Postgraduate, Y.ATAK(Student), 2009
- USLAN İ., INVESTIGATION OF THE EFFECT ON MECHANICAL PROPERTIES OF SPRAY FORMING BY USING CLOSE COUPLED LAVAL NOZZLE, Postgraduate, V.BOZDAĞ(Student), 2008
- USLAN İ., Toz enjeksiyon kalıplanmış steatit seramiklerin özelliklerine kalıplama ve sinterleme parametrelerinin etkisinin incelenmesi, Doctorate, L.URTEKİN(Student), 2008
- USLAN İ., INVESTIGATION OF PRODUCTION PARAMETERS OF ELEMENTAL BORON FROM BORON OXIDE, Postgraduate, B.GÜNEY(Student), 2007
- USLAN İ., Gaz Atomize Kalay Tozu Üretim Parametrelerinin Deneysel Olarak Araştırılması, Postgraduate, S.KÜÇÜKARSLAN(Student), 2006
- USLAN İ., Ekstrüzyonla tam yoğunlaştırılmış püskürtme şekillendirme alüminyumun mekanik özelliklerinin deneysel olarak araştırılması, Postgraduate, A.AFŞİN(Student), 2006
- USLAN İ., Toz enjeksiyon kalıplama ile steatitten üretilmiş parçaların sinterleme davranışlarının araştırılması, Postgraduate, M.BERBER(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EXPERIMENTAL DETERMINATION of BIOFILM and MECHANICAL PROPERTIES of SURFACES OBTAINED by CO₂ LASER GAS-ASSISTED NITRIDING of Ti-6Al-4V ALLOY**
Urtekin L., Aydın Ş., Sevim A., Gök K., Uslan I.
Surface Review and Letters, vol.29, no.11, 2022 (SCI-Expanded)
- II. **Investigation of the effect of a dilatant material on ballistic strength of aramid fabric used as body armour suit**
Senyilmaz H. K., USLAN İ., DEMİR T.
JOURNAL OF THE TEXTILE INSTITUTE, vol.113, pp.580-588, 2022 (SCI-Expanded)
- III. **Thermo-fluid multi-physics modeling and experimental verification of volumetric workpiece material removal by a discharge pulse in electric discharge machining process**
ERDEM O., ÇOĞUN C., USLAN İ., ERBAŞ M.

JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.53, no.39, 2020 (SCI-Expanded)

- IV. **Proposal of a mathematical model for describing magnetorheological fluid dynamic behavior**
DOĞDU N., USLAN İ., Yuksel S., PARLAK Z.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.33, no.8, pp.3885-3893, 2019 (SCI-Expanded)
- V. **An investigation of moldability and mechanical properties of MgO added alumina**
Erdem O., Urtekin L., Uslan İ.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.56, no.1, pp.41-53, 2018 (SCI-Expanded)
- VI. **EDM Performance of B4C Cu Based Sintered Tool Electrodes**
Gülcan O., USLAN İ., USTA Y., ÇOĞUN C.
Journal of Materials Science and Technology, vol.24, no.1, pp.3-10, 2016 (SCI-Expanded)
- VII. **Rektörden**
USLAN İ.
Turk Kulturu ve Hacı Bektas Veli - Arastirma Dergisi, vol.79, pp.15-16, 2016 (SCI-Expanded)
- VIII. **Performance and surface alloying characteristics of Cu-Cr and Cu-Mo powder metal tool electrodes in electrical discharge machining**
Gulcan O., USLAN İ., USTA Y., ÇOĞUN C.
MACHINING SCIENCE AND TECHNOLOGY, vol.20, no.4, pp.523-546, 2016 (SCI-Expanded)
- IX. **The effect of powder mixed and heated dielectric on drilling performance of electric discharge machining (EDM)**
Erdem O., ÇOĞUN C., Urtekin L., ÖZERKAN H. B., USLAN İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.531-544, 2016 (SCI-Expanded)
- X. **EFFECT OF USE OF Cu-Cr P/M ELECTRODES ON MACHINING PERFORMANCE OF ELECTRIC DISCHARGE MACHINING**
Gulcan O., USLAN İ., USTA Y., ÇOĞUN C.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.3, pp.381-394, 2015 (SCI-Expanded)
- XI. **An Investigation of Thermal Properties of Zirconia Coating on Aluminum**
URTEKİN L., KÜÇÜKTÜRK G., KARAÇAY T., USLAN İ., SALMAN S.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.37, no.8, pp.2323-2332, 2012 (SCI-Expanded)
- XII. **INVESTIGATION OF EFFECT OF FEEDSTOCK RHEOLOGIES FOR INJECTION MOLDING OF STEATITE**
URTEKİN L., USLAN İ., Tuc B.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.2, pp.333-341, 2012 (SCI-Expanded)
- XIII. **Investigation on the rheological behavior of Al-Fe-V-Si/Alumina composite powders**
Turan E., Uslan İ., Ubeyli M.
Kovove Materialy, vol.50, no.1, pp.51-58, 2012 (SCI-Expanded)
- XIV. **Investigation of Properties of Powder Injection-Molded Steatites**
Urtekin L., Uslan İ., Tuc B.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.21, no.3, pp.358-365, 2012 (SCI-Expanded)
- XV. **AN INVESTIGATION ON THE EFFECT OF GAS ATOMISATION PARAMETERS ON TIN POWDER PRODUCTION**
USLAN İ., Küçükarslan S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.1, pp.1-8, 2010 (SCI-Expanded)
- XVI. **Evaluation of Microhardness, Surface Roughness, and Wear Behavior of Different Types of Resin Composites Polymerized With Two Different Light Sources**
Topcu F. T., Erdemir U., Sahinkesen G., Yıldız E., USLAN İ., Acikel C.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, no.2, pp.470-478, 2010 (SCI-Expanded)
- XVII. **Wedge cutting of mild steel by CO(2) laser and cut-quality assessment in relation to normal cutting**

- Yilbas B. S., Karatas C., Uslan İ., KELEŞ Ö., USTA Y., Yilbas Z., Ahsan M.
OPTICS AND LASERS IN ENGINEERING, vol.46, no.10, pp.777-784, 2008 (SCI-Expanded)
- XVIII. **Laser cutting of Kevlar and mild steel composite structure: End product quality assessment**
Al-Sulaiman F., Yilbas B. S., Karatas C., KELEŞ Ö., Uslan İ., USTA Y., Ahsan M., Bazoune A.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.16, no.1, pp.22-29, 2007 (SCI-Expanded)
- XIX. **Electrochemical properties of the laser nitrided surfaces of Ti-6Al-4V alloy**
Yilbas B. S., Khaled M., Karatas C., Uslan İ., KELEŞ Ö., USTA Y., Ahsan M.
Surface and Coatings Technology, vol.201, no.3-4, pp.679-685, 2006 (SCI-Expanded)
- XX. **CO₂ laser gas assisted nitriding of Ti-6Al-4V alloy**
Yilbas B. S., Karatas C., Uslan U., KELEŞ Ö., Usta I. Y., Ahsan M.
APPLIED SURFACE SCIENCE, vol.252, no.24, pp.8557-8564, 2006 (SCI-Expanded)
- XXI. **Laser cutting of steel sheets: Influence of workpiece thickness and beam waist position on kerf size and stria formation**
Karatas C., KELEŞ Ö., Uslan İ., USTA Y.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.172, no.1, pp.22-29, 2006 (SCI-Expanded)
- XXII. **Laser cutting of corners: Assessment of cutting quality**
Yilbas B., Karatas C., KELEŞ Ö., Uslan İ., USTA Y., Ahsan M., Yilbas Z.
LASERS IN ENGINEERING, vol.16, pp.157-171, 2006 (SCI-Expanded)
- XXIII. **CO₂ laser cutting: kerf width variation during cutting**
Uslan İ.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.219, no.8, pp.571-577, 2005 (SCI-Expanded)
- XXIV. **Investigation of milling characteristics of alumina powders milled with a newly designed vibratory horizontal attritor**
Kilinc Y., Ozturk S., Ozturk B., Uslan İ.
POWDER TECHNOLOGY, vol.146, no.3, pp.200-205, 2004 (SCI-Expanded)
- XXV. **A numerical approach to the cooling curves of porous P/M materials for quenching process**
Ataer O., Aygun C., Uslan İ.
POWDER TECHNOLOGY, vol.137, no.3, pp.159-166, 2003 (SCI-Expanded)
- XXVI. **Effects of variables on size and characteristics of gas atomised aluminium powders**
Uslan İ., Saritas S., Davies T.
POWDER METALLURGY, vol.42, no.2, pp.157-163, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ti6Al4V Alaşımının Elektro Erozyon ile İşleminde Elektrolitik Cu ve CuBe Takım Elektrotlarının Performansının Karşılaştırılması**
URTEKİN L., BOZKURT F., ÖZERKAN H. B., ÇOĞUN C., USLAN İ.
El-Cezeri Fen ve Mühendislik Dergisi, vol.8, no.3, pp.1455-1461, 2021 (Scopus)
- II. **COVID-19 Özel Sayısı Önsözü**
USLAN İ.
Gazi Medical Journal, vol.31, no.2 A, 2020 (ESCI)
- III. **Effect of Machining on Workpiece Surface Characteristics in Electric Discharge Drilling (EDD)**
ERDEM O., ÇOĞUN C., USLAN İ.
International Journal of Advances in Engineering and Pure Sciences, no.1, pp.11-16, 2019 (Peer-Reviewed Journal)
- IV. **Effect of nozzle type on the particle size of air atomised aluminium powders**
USLAN İ.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.14, no.1, pp.1-15, 1999 (Scopus)

Books & Book Chapters

- I. **Proceedings Of The 6th International Powder Metallurgy Conference**
Türker M. (Editor), Kalkanlı A. (Editor), Us lan İ. (Editor), Dericiođlu A. F. (Editor), Usta Y. (Editor), Demir T. (Editor)
Türk Toz Metalurjisi Derneđi, Ankara, 2011
- II. **Proceedings Of The 3rd International Powder Metallurgy Conference**
Sarıtaş S. (Editor), Us lan İ. (Editor), Usta Y. (Editor)
Türk Toz Metalurjisi Derneđi, Ankara, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects of Powder Morphology on the Apparent Density and the Flow Rate of Metal Powders**
USLAN İ., USTA Y., Sarıtaş S.
2006 POWDER METALLURGY World Congress, Busan, South Korea, 24 September 2006, vol.1, pp.1256
- II. **Alüminyum 2024 Sacların Sürünme Yaşlandırma Şekillendirme Prosesindeki Geri Yaylanma Davranışının Deneysel Olarak Araştırılması**
BAŞPINAR B. B., USLAN İ.
6. Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi, İstanbul, Turkey, 20 - 21 November 2021, pp.446-457
- III. **Effect of Machining Parameters on Workpiece Surface Characteristics in Electric Discharge Drilling (EDD)**
ERDEM O., ÇOĐUN C., USLAN İ.
The 18th International Conference on Machine Design and Production, 3 - 06 July 2018
- IV. **Investigation of Electrical Discharge Drilling (EDD) Performance of Ti-6Al-4V Super Alloy**
ERDEM O., ÇOĐUN C., USLAN İ.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- V. **Kurşun geçirmez yelek üretiminde kullanılan aramid kumaşın iplik sürtünme özelliklerine dilatant malzemelerin etkisinin araştırılması**
Şenyılmaz H. K., Us lan İ., ÜNAL H. İ., DEMİR T.
Aselsan 2. Malzeme Teknolojileri Çalıştayı, Ankara, Turkey, 7 - 08 November 2016, pp.56
- VI. **EDM Performance of B4C Cu Based Sintered Tool Electrodes**
Gülcan O., USLAN İ., USTA Y., ÇOĐUN C.
Materials Science, Hydro- and Aerodynamics and National Security '2015, Sofya, Bulgaria, 22 - 23 October 2015
- VII. **MANYETOREOLOJİK SIVININ DİNAMİK DAVRANIŞININ İNCELENMESİ**
DOĐDU N., USLAN İ., YÜKSEL Ş., KARAÇAY T., TÜRKÜCÜ T.
International Science and Technology Conference, St. Petersburg, Russia, 2 - 04 September 2015, pp.842-851
- VIII. **Electro Discharge Machining Performance of Chromium Copper Powder Metal Electrodes**
Gülcan O., USLAN İ., USTA Y., ÇOĐUN C.
7th International Powder Metallurgy Conference, Ankara, Turkey, 24 - 28 June 2014
- IX. **TOZ KATKILI DİELEKTRİKLE ELEKTRO EROZYON İŞLEME PERFORMANSI**
Oğuz e., ÇOĐUN C., URTEKİN L., ÖZERKAN H. B., USLAN İ.
7. Uluslararası Toz Metalurjisi Konferansı, Ankara, Turkey, 24 - 28 July 2014, pp.1035
- X. **DESIGN AND OPTIMIZATION OF A LOW TEMPERATURE ORGANIC RANKINE CYCLE AND TURBINE**
ERBAŞ M., Sofuođlu M. A., BIYIKOĐLU A., USLAN İ.
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- XI. **DESIGN OF A NOZZLE FOR THE PRODUCTION OF METAL POWDER VIA GAS ATOMIZATION**
Sofuođlu M. A., ERBAŞ M., USLAN İ., BIYIKOĐLU A.
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013

- XII. **DEVELOPMENT OF A SWIRL NOZZLE FOR POWDER TECHNOLOGY**
Sofuoglu M. A., ERBAŞ M., USLAN İ., BIYIKOĞLU A.
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- XIII. **Elektro Erozyon İle İşlemede Döner Elektrot İle Delik Delmede Dielektrik Sıvısına Karıştırılan Tozların Ve Isıtmanın İşleme Performansına Etkisi**
ERDEM O., ÇOĞUN C., USLAN İ., URTEKİN L., ÖZERKAN H. B.
Makine İmalat Teknolojileri Kongresi, Turkey, 6 - 07 December 2013, vol.2, pp.212-221
- XIV. **Experimental Investigation of Laser-Drilled Holes Variations Depending on Laser Drilling Parameters**
Uslan İ., Erdogan S., KELEŞ Ö., USTA Y., Yilbas B. S., Tuc B.
14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.448-449
- XV. **Investigation of Powder Injection Molding Steatite: Rheology, Debinding and Sintering Parameters**
URTEKİN L., USLAN İ., TUÇ B.
6th International Powder Metallurgy Conference, Ankara, Turkey, 5 - 09 October 2011
- XVI. **Toz Enjeksiyon Yöntemiyle Kalıplanmış MgO Takviyeli Alüminanın Mekanik Özelliklerinin Araştırılması**
ERDEM O., USLAN İ.
6th International Powder Metallurgy Conference, Ankara, Turkey, 5 - 09 October 2011
- XVII. **Powder Metallurgy in Turkey**
USTA Y., USLAN İ.
NDT Days, Sozopol, Bulgaria, 9 - 13 June 2009
- XVIII. **Effect of processing parameters on the mechanical properties of powder injection molded alumina**
USLAN İ., Yucel I., Urtekin L., Saritas S.
2008 World Congress on Powder Metallurgy and Particulate Materials, PowderMet 2008, Washington, United States Of America, 8 - 12 June 2008, pp.428-438
- XIX. **Investigation of The Apparent Density of Metal Powders: The Effects of Mixing Various Powder Sizes and Powder Geometry**
URTEKİN L., USTA Y., USLAN İ., SARITAŞ S.
5th International Powder Metallurgy Conference, Ankara, Turkey, 8 - 12 October 2008
- XX. **Gaz Atomize Alüminyum Tozu Oluşum Aşamalarının Morfolojik Olarak İncelenmesi**
USLAN İ., SARITAŞ S.
3rd International Powder Metallurgy Conference, Sakarya, Turkey, 04 September 2002 - 08 September 2008
- XXI. **Investigation of sintering behaviors of steatite parts produced by powder injection molding**
USLAN İ., Berber M., Karatas C., Saritas S.
Power Metallurgy World Congress and Exhibition 2006, Busan, South Korea, 24 - 28 September 2006, pp.549-550
- XXII. **Investigation of rheological properties of the feedstocks composed of steatite and 316l stainless steel powders and peg based resins**
KARATAŞ Ç., Gokten M., ÜNAL H. İ., Saritas S., USLAN İ.
European Powder Metallurgy Congress and Exhibition, Euro PM 2005, Prague, Czech Republic, 2 - 05 October 2005, vol.2, pp.375-381
- XXIII. **Morphological investigation of the formation of gas atomised aluminium powders Gaz atomize alüminyum tozu oluşum aşamalarının morfolojik olarak incelenmesi**
USLAN İ., SARITAŞ S.
Proceedings of the 3rd International Powder Metallurgy Conference, Ankara, Turkey, 4 - 08 September 2002, pp.1297-1306
- XXIV. **Microstructural investigation of spray formed aluminum parts Püskürtme şekillendirme alüminyum parçaların mikroyapısal incelenmesi**
Ekici A. A., USLAN İ., SARITAŞ S.
Proceedings of the 3rd International Powder Metallurgy Conference, Ankara, Turkey, 4 - 08 September 2002,

- pp.1356-1361
- XXV. **Production and testing of an air classifier Havali toz siniflandırıcı imalatı ve test edilmesi**
Demirhan L., USLAN İ., SARITAŞ S.
Proceedings of the 3rd International Powder Metallurgy Conference, Ankara, Turkey, 4 - 08 September 2002,
pp.1348-1355
- XXVI. **Construction of a vibratory horizontal attritor and investigation of milling characteristics of alumina**
Titreşimli yatay atritor imalatı ve alumina öğütme davranışının incelenmesi
Kilinç Y., USLAN İ.
Proceedings of the 3rd International Powder Metallurgy Conference, Ankara, Turkey, 4 - 08 September 2002,
pp.1075-1084
- XXVII. **Microstructural observations in diffusion bonding of a PM bronze bearing to a low carbon steel**
bushing Toz metal bronz yatağın düşük karbonlu çeliğe difüzyon kaynağında mikroyapısal tespitler
Çetiner C., USLAN İ., SARITAŞ S.
Proceedings of the 3rd International Powder Metallurgy Conference, Ankara, Turkey, 4 - 08 September 2002,
pp.1322-1330
- XXVIII. **Effects of Atomisation Parameters on the Shape of Aluminium Powders**
USLAN İ., SARITAŞ S.
Powder Metallurgy World Congress, Tokyo, Japan, 12 - 16 November 2000
- XXIX. **Investigation of relation between cooling rate and powder size of air and nitrogen atomised**
aluminium powders Gaz atomize alüminyum tozlarında soğuma hızının toz boyutuyla değişiminin
araştırılması
USLAN İ., SARITAŞ S.
Ulusal Toz Metalurjisi Konferansı: Second National Powder Metallurgy Conference, Ankara, Turkey, 15 - 17
September 1999, pp.399-408
- XXX. **Gaz Atomize Alüminyum Tozlarında Soğuma Hızının Toz Boyutuyla Değişiminin Araştırılması**
USLAN İ., SARITAŞ S.
Uluslararası Katılımlı 2. Ulusal Toz Metalurjisi Konferansı, Ankara, Turkey, 15 - 17 September 1999
- XXXI. **Investigation of gas type, gas pressure and nozzle geometry effects on aluminium powder size in gas**
atomization Gaz atomizasyonunda nozul geometrisi, gaz cinsi ve basıncının alüminyum tozu
boyutuna etkisinin araştırılması
USLAN İ., SARITAŞ S.
Ulusal Toz Metalurjisi Konferansı: First National Powder Metallurgy Conference, Ankara, Turkey, 16 - 17
September 1996, pp.217-228
- XXXII. **Gaz Atomizasyonunda Nozul Geometrisi, Gaz Cinsi ve Basıncının Alüminyum Tozu Boyutuna Etkisinin**
Araştırılması
USLAN İ., SARITAŞ S.
1. Ulusal Toz Metalurjisi Konferansı, Ankara, Turkey, 16 - 17 September 1996

Supported Projects

Ünal R., Uslan İ., Özsunar A., TÜBİTAK Project, Plazma Atomizasyon Yöntemi İle Ti Alaşım Tozu Üretim Şartlarının Araştırılması, 2016 - 2019

Ünal R., Usta Y., Uslan İ., Salamci E., TÜBİTAK International Bilateral Joint Cooperation Program Project, Elmas Nanoparçacık Takviyeli Krom ve Nikel Kaplanmış Gözenekli Toz Metal Parçaların Aşınma ve Korozyon Davranışlarının Araştırılması, 2015 - 2017

USLAN İ., Project Supported by Higher Education Institutions, TOZ BOYUTU VE ŞEKLİNİN BAKIR ESASLI TOZ METAL ELEKTROTLARIN EDM İLE İŞLEME PERFORMANSINA ETKİSİ, 2012 - 2014

USLAN İ., Project Supported by Higher Education Institutions, GAZ ATOMİZASYONUNDA NOZUL TASARIMI VE TOZ BOYUTUNUN TAHMİNLENMESİ, 2012 - 2014

Çoğun C., Uslan İ., Özerkan H. B., Urtekin L., Erdem O., TÜBİTAK Project, Elektro Erozyon İle İşlemede Döner Elektrot İle

Küçük Çaplı Delik Delmede Dielektrik Sıvısına Karıştırılan Tozların ve Isıtmanın Yüzey Pürüzlülüğüne Etkisinin Deneysel Araştırılması, 2012 - 2013

USLAN İ., Project Supported by Higher Education Institutions, ALÜMİNYUM OKSİT TAKVİYELİ Al-Fe-V-Si KOMPOZİTLERİNİN REOLOJİK ÖZELLİKLERİNİN VE TOZ ENJEKSİYON İLE KALIPLANABİLİRLİĞİNİN ARAŞTIRILMASI, 2010 - 2012

USLAN İ., Project Supported by Higher Education Institutions, SİNER AKTİF OKSİT KATKISININ ALUMİNANIN REOLOJİSİNE VE ENJEKSİYON İLE KALIPLANABİLİRLİĞİNE ETKİSİNİN ARAŞTIRILMASI, 2010 - 2012

USLAN İ., Project Supported by Higher Education Institutions, Gaz Atomizasyonu ve Püskürtme Şekillendirme Parametrelerinin Araştırılması, 2007 - 2008

USLAN İ., Project Supported by Higher Education Institutions, Lazer Delme İşleminde Delme Kalitesinin Araştırılması, 2005 - 2007

USLAN İ., Project Supported by Higher Education Institutions, Malzemelerdeki gözeneklerin ısı iletimine etkisinin deneysel analizi ve modellenmesi, 2002 - 2004

Metrics

Publication: 64

Citation (WoS): 302

Citation (Scopus): 411

H-Index (WoS): 10

H-Index (Scopus): 11

Non Academic Experience

Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi

Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi