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Education Information

Doctorate, Cranfield University, School Of Industrial Manufacturing Sciences, Advanced Manufacturing Technologies, United Kingdom 1991 - 1995

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makina Mühendisliği Bölümü, Turkey 1988 - 1990

Undergraduate, Yildiz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, Turkey 1984 - 1988

Research Areas

Mechanical Engineering, Construction and Manufacturing, Non-traditional manufacturing methods, Machining Methods, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, 2013 - Continues

Academic and Administrative Experience

Vice Dean, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2018 - 2021

Erasmus Coordinator, Yildiz Technical University, Makine Mühendisliği Bölümü, 2013 - 2018

Courses

TAKIM TEZGAHLARI, Undergraduate, 2016 - 2017, 2015 - 2016

FABRİKA ORGANİZASYON VE YÖNETİMİ, Undergraduate, 2016 - 2017

İMAL USULLERİ I, Undergraduate, 2016 - 2017

İMAL USULLERİ II, Undergraduate, 2016 - 2017

GELENEKSEL OLMAYAN İMALAT YÖNTEMLERİ, Postgraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental study on turning machine with permanent magnetic cutting tool**
Kaplan S., ÇAKIR O., ALTAN E.
OPEN CHEMISTRY, vol.20, no.1, pp.1196-1201, 2022 (SCI-Expanded)
- II. **Wet etching of AZ31B magnesium alloy with nitric acid**
Çakır O.
EMERGING MATERIALS RESEARCH, vol.11, no.1, pp.1-5, 2022 (SCI-Expanded)
- III. **Etchants for Chemical Machining of Aluminium and Its Alloys**
Çakır O.
ACTA PHYSICA POLONICA A, vol.135, no.4, pp.586-587, 2019 (SCI-Expanded)
- IV. **Chemical Machining of St37 Rod Using Etchant Substance FeCl₃**
Çakır O.
ACTA PHYSICA POLONICA A, vol.135, no.4, pp.583-585, 2019 (SCI-Expanded)
- V. **The dependence of tool overhang on surface quality and tool wear in the turning process**
Kiyak M., Kaner B., Şahin İ., Aldemir B., Cakir O.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.51, pp.431-438, 2010 (SCI-Expanded)
- VI. **Chemical etching of aluminium**
Çakır O.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.199, pp.337-340, 2008 (SCI-Expanded)
- VII. **Investigation of mechanical and machinability properties of SiC particle reinforced Al-MMC**
Ozben T., Kilickap E., Cakir O.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.198, pp.220-225, 2008 (SCI-Expanded)
- VIII. **Examination of machining parameters on surface roughness in EDM of tool steel**
Kiyak M., ÇAKIR O.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.191, pp.141-144, 2007 (SCI-Expanded)
- IX. **Surface integrity of finished turned Ti-6Al-4V alloy with PCD tools using conventional and high pressure coolant supplies**
Ezugwu E. O., Bonney J., Da Silva R. B., Cakir O.
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, vol.47, no.6, pp.884-891, 2007 (SCI-Expanded)
- X. **Copper etching with cupric chloride and regeneration of waste etchant**
ÇAKIR O.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.175, pp.63-68, 2006 (SCI-Expanded)
- XI. **Study of tool wear and surface roughness in machining of homogenised SiC-p reinforced aluminium metal matrix composite**
KILIÇKAP E., Cakir O., AKSOY M., İNAN A.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.164, pp.862-867, 2005 (SCI-Expanded)
- XII. **Chemical etching of Cu-ETP copper**
ÇAKIR O., TEMEL H., Kiyak M.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.162, pp.275-279, 2005 (SCI-Expanded)
- XIII. **Comparison of gases applications to wet and dry cuttings in turning**
ÇAKIR O., Kiyak M., ALTAN E.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.153, pp.35-41, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Abrasive water-jet applications in 6 mm flat glass cuttings**
İbrahim Avcı H., ÇAKIR O.
Materials Today: Proceedings, vol.80, pp.104-109, 2023 (Scopus)
- II. **Examination of surface roughness values of 6061-T6 aluminum material after machining and after anodizing process**

Karakoç E., ÇAKIR O.

Materials Today: Proceedings, vol.80, pp.32-39, 2023 (Scopus)

- III. **Özel Takım Çeliklerinin Elektro Erozyon Yöntemi ile İşlenmesinin Karşılaştırılması**
Yaman S., Çakır O.
Journal of Steel Research and Development Çelik Araştırma ve Geliştirme Dergisi , vol.2, no.2, pp.15-19, 2021
(Peer-Reviewed Journal)
- IV. **Improving the RF Performance of Ceramics Using Laser Assisted Machining**
Güngör E., Özbek ., Shukurov S., Çakır O.
JOURNAL OF ADVANCES IN MANUFACTURING ENGINEERING, vol.1, no.4, pp.93-100, 2020 (Peer-Reviewed Journal)
- V. **Investigation of the effects of EDM parameters on surface roughness**
Çakır O., Yaman M.
JOURNAL OF ADVANCES IN MANUFACTURING ENGINEERING, vol.1, no.2, pp.46-55, 2020 (Peer-Reviewed Journal)
- VI. **EFFECTS OF PROCESS PARAMETERS IN PLASMA ARC CUTTING ON STAINLESS STEELS AND STRUCTURAL STEEL**
Erbilen M., Çakır O.
MACHINES. TECHNOLOGIES. MATERIALS, vol.13, no.1, pp.23-25, 2019 (Peer-Reviewed Journal)
- VII. **Study of surface quality in dry and wet external cylindrical grinding**
KIYAK M., Çakır O.
International Journal of Computational Materials Science and Surface Engineering, vol.3, no.1, pp.12-23, 2009
(Scopus)
- VIII. **Review of Etchants for Copper and Its Alloys in Wet Etching Processes**
ÇAKIR O.
Key Engineering Materials, pp.460-465, 2008 (Scopus)
- IX. **Study of Etch Rate and Surface Roughness in Chemical Etching of Stainless Steel**
ÇAKIR O.
Key Engineering Materials, pp.837-842, 2008 (Scopus)
- X. **Selection of Cutting Fluids in Machining Processes**
ÇAKIR O., YARDİMEDEN A., ÖZBEN T., KILIÇKAP E.
Journal of Achievements in Materials and Manufacturing Engineering, no.2, pp.99-102, 2007 (Scopus)
- XI. **Chemical machining**
Çakır O., Yardımeden A., Özben T.
Archives of Materials Science and Engineering, vol.28, no.8, pp.499-502, 2007 (Scopus)
- XII. **ELEKTROKİMYASAL İŞLEME YÖNTEMİ**
ÇAKIR O., ALTAN E.
METAL MAKİNA, no.56, pp.40-46, 1994 (Peer-Reviewed Journal)
- XIII. **FOTOKİMYASAL İŞLEME YÖNTEMİ**
ÇAKIR O., ALTAN E.
METAL MAKİNA, no.51, pp.66-74, 1993 (Peer-Reviewed Journal)
- XIV. **COPPER ETCHING ECONOMICS**
ÇAKIR O., ALLEN D.
PHOTOCHEMICAL MACHINING INSTITUTE JOURNAL (PCMI), no.52, pp.4-7, 1993 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **ALIŞILAGELMEDİK TALAŞLI İMALAT VE ISIL ENERJİLİ KESME İŞLEMLERİ**
ÇAKIR O.
in: MODERN İMALATIN PRENSİPLERİ, Mustafa YURDAKUL , Yusuf Tansel İÇ, Editor, NOBEL Akademik Yayıncılık, pp.618-644, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Process Parameters in Plasma Arc Cutting on Stainless Steel and Structural Steel**
Erbilen M., ÇAKIR O.
4th International Congress on Advances in Mechanical and Systems Engineering, CAMSE 2023, Hybrid, Jalandhar, India, 02 September 2023, vol.3108
- II. **Ultrasonic-assisted Chemical Machining of Magnesium Alloy**
Odabaşı M. F., Kalaycı M., Hasanlı F., ÇAKIR O.
4th International Congress on Advances in Mechanical and Systems Engineering, CAMSE 2023, Hybrid, Jalandhar, India, 02 September 2023, vol.3108
- III. **Ensuring Tool Run-In When Milling AISI321 Steel in Various Technological Environments**
Dzhemilov E., UYSAL A., ÇAKIR O., Dzhemalyadinov R., Vaniev E.
7th International Conference on Design, Simulation, Manufacturing: The Innovation Exchange, DSMIE 2024, Pilsen, Czech Republic, 4 - 07 June 2024, pp.188-199
- IV. **Investigation on Effects of Different Graphite Grades on Electric Discharge Machining of Hybrid Tool Steel**
Yaman S., ÇAKIR O.
2nd International Congress on Advances in Mechanical and Systems Engineering, CAMSE 2021, Virtual, Online, 17 - 19 July 2021, pp.833-842
- V. **ABRASIVE WATER-JET APPLICATIONS IN GLASS CUTTING**
Avcı H. İ., Çakır O.
11th International Congress on Machining, İstanbul, Turkey, 9 - 11 December 2021, pp.238-244
- VI. **EFFECTS OF PROCESS PARAMETERS ON SURFACE ROUGHNESS IN WEDM OF INCONEL 718**
Ceylan M., Çakır O.
11th International Congress on Machining, İstanbul, Turkey, 9 - 11 December 2021, pp.253-258
- VII. **Chemical Etching of Al7075 Alloy with NaOH**
Çakır O.
Congress on Advances in Mechanical and Systems Engineering (CAMSE) 2021, Jalandhar, India, 17 - 19 July 2021
- VIII. **Investigation on Effects of Different Graphite Grades on EDM of Hybrid Tool Steel**
Yaman S., Çakır O.
Congress on Advances in Mechanical and Systems Engineering (CAMSE) 2021, Jalandhar, India, 17 - 19 July 2021
- IX. **WEDM of K390 Tool Steel**
Yıldız U., Yaman S., Çakır O.
Congress on Advances in Mechanical and Systems Engineering (CAMSE) 2021, Jalandhar, India, 17 - 19 July 2021
- X. **Effects of Pulse On/Off Times Parameters on Surface Roughness in Wire Electrical Discharge Machining of Tool Steel**
Yıldız U., Çakır O.
Fourth International Iron and Steel Symposium (UDCS'21), Karabük, Turkey, 1 - 03 April 2021, pp.234-237
- XI. **Comparison of Processing of Special Tool Steels by Electro Erosion Method**
Yaman S., Çakır O.
Fourth International Iron and Steel Symposium (UDCS'21), Karabük, Turkey, 1 - 03 April 2021, pp.257-261
- XII. **A REVIEW OF ULTRASONIC ASSISTED HYBRID MACHINING: METHODS AND APPLICATIONS**
Duman E., ÇAKIR O.
FIFTH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.1439-1449
- XIII. **BRIEF REVIEW OF ECM BASED HYBRID MANUFACTURING PROCESSES**
Tetik A., ÇAKIR O.
FIFTH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.1839-1858
- XIV. **IMPROVING THE RF PERFORMANCE OF CERAMICS USING LASER ASSISTED MACHINING**
Güngör E., Özbek E., Shukurov S., ÇAKIR O.

FIFTH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.1767-1772

- XV. **INFLUENCES OF EDM PARAMETERS ON MATERIAL REMOVAL RATE AND SURFACE ROUGHNESS**
Erbul A., ÇAKIR O.
OF FIFTH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.1734-1742
- XVI. **Cutting Fluids on Machining and Environmental Issues-A Review**
Kıyak M., Çakır O., Şahin İ.
5th International Conference on Computational and Experimental Science and Engineering (ICCESEN-2018), İstanbul, Turkey, 12 - 16 October 2018, pp.152-159
- XVII. **CHEMICAL MACHINING OF MAGNESIUM AND ITS ALLOYS – A REVIEW**
ÇAKIR O.
ICAME 2018, 19 - 21 December 2018, vol.1
- XVIII. **“THE EFFECT OF HIGH VOLUME AND HIGH SPEED MACHINING ON TOOL LIFE**
ÇAVDAR K., ÖZSOY M., ÇAKIR O., ORAL A., ÇAKIR M. C.
ICAME 2018, 7 - 10 December 2018, vol.1, pp.1-6
- XIX. **INFLUENCES OF MACHINING PARAMETERS ON SURFACE ROUGHNESS AND HEAT AFFECTED ZONE IN WIRE ELECTRICAL DISCHARGE MACHINING OF DIE MATERIAL**
ÇAKIR O., Çelik A., Çelik E.
9th International Congress on Machining UTIS 2018, 8 - 10 November 2018
- XX. **CHEMICAL MACHINING OF MAGNESIUM ALLOY WITH HCl AND NaOH**
Çakır O., Yıldırım C., Zeyneloğlu R., Kurt L.
9th International Congress on Machining, UTIS 2018, Antalya, Turkey, 8 - 10 November 2018, pp.265-270
- XXI. **Chemical Machining of AZ31B Magnesium Alloy**
ÇAKIR O.
5th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2018), 12 - 16 October 2018
- XXII. **Environmental Progresses in Photochemical Machining**
ÇAKIR O., KIYAK M., ŞAHİN İ.
5th International Conference on Computational and Experimental Science and Engineering (ICCESEN-2018), Antalya, Turkey, 12 October 2018, pp.526
- XXIII. **Cutting Fluids in Machining and Environmental Issues -A Review**
Kıyak M., Çakır O., Şahin İ.
5th International Conference on Computational and Experimental Science and Engineering (ICCESEN-2018), Antalya, Turkey, 12 - 16 October 2018, pp.152-159
- XXIV. **STAMPING DIE PRODUCTION WITH WIRE ELECTRODISCHARGE MACHINING OF VANADIS 10 AND K390 TOOL STEEL**
ÇAKIR O., Çelik A., Çelik E.
18th INTERNATIONAL CONFERENCE ON MACHINE DESIGN AND PRODUCTION, 3 - 06 July 2018
- XXV. **Chemical Machining of St37 Rod With FeCl3**
ÇAKIR O.
APMAS 2018 8th INTERNATIONAL ADVANCES IN APPLIED PHYSICS & MATERIALS SCIENCE CONGRESS AND EXHIBITION, Muğla, Turkey, 24 April 2018, pp.1-4
- XXVI. **Etchants For Chemical Machining of Aluminum and Its Alloys**
ÇAKIR O.
APMAS 2018 8th INTERNATIONAL ADVANCES IN APPLIED PHYSICS & MATERIALS SCIENCE CONGRESS AND EXHIBITION, Muğla, Turkey, 24 April 2018, pp.1-4
- XXVII. **ELECTRICAL DISCHARGE MACHINING OF INCONEL ALLOYS**
ÇAKIR O., GÜRKAN D.
Third International Conference on Advances In Mechanical Engineering ICAME 2017, İstanbul, Turkey, 19 December 2017, vol.1, pp.702-708

- XXVIII. **INFLUENCE OF WIRE ELECTRICAL DISCHARGE MACHINING PARAMETERS ON WHITE LAYER FORMATION**
ÇAKIR O., ÇELİK A. S.
Third International Conference on Advances In Mechanical Engineering ICAME 2017, İstanbul, Turkey, 19 December 2017, pp.697-701
- XXIX. **CHEMICAL MACHINING OF STAINLESS STEELS**
ÇAKIR O.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017 – ICAME2017, 19 - 21 December 2017
- XXX. **ALÜMİNYUM 7075 MALZEMESİNİN NaOH KİMYASAL AŞINDIRICI İLE İŞLENMESİNDE İŞLEME DERİNLİĞİ VE YÜZEY PÜRÜZLÜLÜĞÜNÜN İNCELENMESİ**
ÇAKIR O.
8. ULUSLARARASI TALAŞLI İMALAT SEMPOZYUMU, Antalya, Turkey, 2 - 04 November 2017, pp.546-556
- XXXI. **POM ve PE Polimer Malzemelerin Delinmesinde Yüzey Pürüzlülüğü**
Çelikyay N. B., UYSAL A., ÇAKIR O.
8th International Symposium On Machining (UTIS 2017), Antalya, Turkey, 2 - 04 November 2017, pp.219-224
- XXXII. **TEMPERATURE IMPACT IN CHEMICAL MACHINING**
ÇAKIR O.
INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, İstanbul, Turkey, 25 - 28 April 2017, pp.628-631
- XXXIII. **Internal cooling cutting technology in turning operations**
ŞAHİN İ., KIYAK M., ÇAKIR O.
International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 April 2017, pp.1-6
- XXXIV. **CHEMICAL MACHINING OF COPPER ZINC ALLOY WITH FeCl₃ AND FeCl₃ HCl**
Çakır O.
7th INTERNATIONAL SYMPOSIUM ON MACHINING, İstanbul, Turkey, 3 - 05 November 2016, pp.452-459
- XXXV. **HEATING TECHNIQUES IN HOT MACHINING**
ÇAKIR O., ŞAHİN İ.
INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE ICAS 2016, İstanbul, Turkey, 31 July - 02 September 2016, pp.238-246
- XXXVI. **APPLICATION OF WIPER INSERT IN CUTTING TOOL TECHNOLOGY**
KIYAK M., ŞAHİN İ., ÇAKIR O.
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- XXXVII. **MACHINING OF HADFIELD STEEL : AN OVERVIEW**
Çakır O.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 13 - 15 May 2016, pp.227-232
- XXXVIII. **CHEMICAL MACHINING OF CZ128 COPPER ALLOY**
ÇAKIR O.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 01 May 2016, pp.404-407
- XXXIX. **ENVIRONMENTAL IMPROVEMENTS IN PHOTOCHEMICAL MACHINING**
ÇAKIR O.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 01 May 2016, pp.542-547
- XL. **304 VE 430 PASLANMAZ ÇELİKLERİN KİMYASAL İŞLENMESİ**
Çakır O., Emiroğlu U.
6. Ulusal Talaşlı İmalat Sempozyumu (UTİS 2015), İstanbul, Turkey, 3 - 05 November 2016, pp.158-167
- XLI. **SİLİNDİRİK PARÇALARIN KİMYASAL İŞLENMESİ**
ÇAKIR O.
01 October 2014
- XLII. **Yüksek Manganlı Çeliğin Kesici Ağzı Yuvarlatılmış Sert Metal Takımlar ile Ortogonal Tornalanmasında**

Takım Ömrü

Kiyak M., UYSAL A., ÇAKIR O., ALTAN E.

3. Ulusal Talaşlı İmalat Sempozyumu, Turkey, 4 - 05 October 2012, vol.1, pp.496-502

- XLIII. **Frezeleme İşleminde Kesme ve İlerleme Hızlarının Yüzey Pürüzlülüğü Üzerine Etkilerinin İncelenmesi**
Kiyak M., UYSAL A., ÇAKIR O.
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- XLIV. **Talaşlı İşlemede Gazların Kullanımı**
ÇAKIR O., KIYAK M., ALTAN E.
13. Uluslararası Makine Tasarım ve İmalat Kongresi (UMTİK2008), İstanbul, Turkey, 3 - 05 September 2008, pp.1-12
- XLV. **Freze Takımı ile Silindirik Tornalama**
KIYAK M., ÇAKIR O., ALTAN E.
13.Uluslararası Makine Tasarım ve İmalat Kongresi (UMTİK 2008), İstanbul, Turkey, 3 - 05 September 2008, pp.1-12
- XLVI. **"%5 SiC-p metal matriksli kompozitin soğuk talaşlı işlenmesi**
KILIÇKAP E., ÇAKIR O., İNAN A.
01 October 2004
- XLVII. **Evaluation of tool path equation parameters for spur gear and development of CNC program for CNC milling machines**
ÖZEL C., ÇAKIR O.
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- XLVIII. **Investigation of tool wear and surface roughness in turning of metal matrix composites**
KILIÇKAP E., ÇAKIR O., İNAN A.
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- XLIX. **Photochemical machining of copper and copper alloys**
ÇAKIR O.
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- L. **The influences of voltage, current and wire feed rate on surface roughness in the WEDM of AISI 8620 steel**
ÖZEK C., KILIÇKAP E., ÇAKIR O.
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- LI. **Cutting Fluids**
Çakır O.
3. GAP ve Sanayi Kongresi, Şanlıurfa, Turkey, 18 - 19 October 2003, pp.427-436
- LII. **CVD ve PVD kaplama yöntemlerinin kesici takımlara uygulanması**
KIYAK M., ÇAKIR O., ALTAN E.
II. Makina Tasarım Ve İmalat Teknolojileri Kongresi (MATİT 2003), Konya, Turkey, 26 September 2003, pp.115-124
- LIII. **Titanyum ve alaşımlarının talaşlı şekillendirilmesi**
ÇAKIR O., KIYAK M., ALTAN E.
II. Makina Tasarım Ve İmalat Teknolojileri Kongresi (MATİT 2003), Konya, Turkey, 26 September 2003, pp.21-30
- LIV. **"%5 SiC-p metal matriksli kompozitin tornalanmasında takım aşınması ve yüzey pürüzlülüğünün incelenmesi**
KILIÇKAP E., ÇAKIR O., İNAN A.
01 September 2003, pp.137
- LV. **Su Jeti ile İşleme**
ÇAKIR O., KIYAK M., ALTAN E.
Balıkesir Üniversitesi, IV. Mühendislik-Mimarlık Sempozyumu, Balıkesir, Turkey, 11 - 13 September 2002, pp.141-149
- LVI. **Yüksek hızlı talaşlı şekillendirme**
ALTAN E., KIYAK M., ÇAKIR O.

4. Balıkesir Mühendislik-Mimarlık Sempozyumu, Balıkesir, Turkey, 11 September 2002, pp.151-163
- LVII. **Dış silindirik taşlamada işlem parametrelerinin yüzey pürüzlülüğüne etkisi**
KIYAK M., ÇAKIR O., ALTAN E.
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- LVIII. **Metal matriksli kompozit malzemelerin talaşlı şekillendirilmesinde kullanılan kesici takımlar**
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the Fourth GAP Engineering Congress, (4.GAP Mühendislik Kongresi), Şanlıurfa, Turkey, 06 June 2002, vol.1, pp.242-248
- LIX. **Cryogenic machining: A review**
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the Fourth GAP Engineering Congress, (4.GAP Mühendislik Kongresi), Şanlıurfa, Turkey, 06 June 2002, vol.1, pp.277-284
- LX. **Metallerin talaşlı şekillendirilmesinde yığılma ağız oluşumu ve yüzey pürüzlülüğüne etkisi**
ALTAN E., ÇAKIR O., KIYAK M.
01 June 2002, vol.1, pp.349-355
- LXI. **Metal matriksli kompozitlerin işlenebilirliği**
ALTAN E., KIYAK M., ÇAKIR O.
01 May 2002, pp.341-348
- LXII. **Kimyasal işleme yöntemi**
Çakır O.
II. Makina Malzemesi ve İmalat Teknolojisi Sempozyumu , Manisa, Turkey, 7 - 09 November 2001, pp.813
- LXIII. **Metallerin soğuk talaşlı işlenmesi**
ÇAKIR O., KILIÇKAP E.
Makina Tasarım Ve İmalat Teknolojileri Kongresi (MATİT 2001), Konya, Turkey, 02 November 2001, pp.279-286
- LXIV. **Mikro işleme teknolojisi**
ÇAKIR O.
Makina Tasarım Ve İmalat Teknolojileri Kongresi (MATİT 2001), Konya, Turkey, 02 November 2001, pp.287-294
- LXV. **C103 oksijensiz bakırın fotokimyasal işlenmesi**
ÇAKIR O.
1. Makina Mühendisliği Kongresi, İstanbul, Turkey, 04 June 1997, pp.464-468
- LXVI. **The effects of concentration, temperature and HCl additions on the photochemical machining of brass**
ALLEN D. M., ÇAKIR O.
7 th International Machine Design and Production Conference, Ankara, Turkey, 11 September 1996, pp.191-199
- LXVII. **Environmental aspects of regeneration waste metal etchants**
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- LXVIII. **Total quality management philosophy in the environmental management**
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- LXIX. **Photochemical machining of brass with cupric chloride etchant and a technique for the partial recovery of dissolved zinc**
ALLEN D. M., ÇAKIR O., WHITE H. A.
01 November 1995, pp.305-315
- LXX. **The effects of positive and negative rake angles on the tool life and surface roughness in the hot and conventional of high manganese steel**
Çakır O., Altan E.
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- LXXI. **Photochemical machining of copper alloys using cupric chloride etchant**
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