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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, The Pennsylvania State University, Materials Science And Engineering, Amerika Birleşik Devletleri 1997 - 2000
Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Türkiye 1992 - 1995
Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Türkiye 1987 - 1992

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Electrochemical Aspects of the Chemical Mechanical Planarization of Tungsten, The Pennsylvania State University, Materials Science And Engineering, 2000

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Metalurji ve Malzeme Müh.Böl., 2010 - Devam Ediyor

Doç.Dr., Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Metalurji ve Malzeme Müh.Böl., 2005 - 2010

Yrd.Doç.Dr., Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Metalurji ve Malzeme Müh.Böl., 2001 - 2005

Akademik İdari Deneyim

Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2013 - Devam Ediyor

Anabilim/Bilim Dalı Başkanı, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Metalurji ve Malzeme

Müh.Böl., 2012 - Devam Ediyor

Anabilim/Bilim Dalı Başkanı, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, Nanobilim ve Nanoteknoloji, 2011 - Devam Ediyor

Enstitü Müdürü, Eskişehir Osmangazi Üniversitesi, Metalurji Enstitüsü, 2015 - 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigating the Structural and Lithium Storage Properties of High-Entropy Oxides in the Mg-Co-Ni-Cu-Zn-O System**
LÖKÇÜ E., ANIK M.
Scripta Materialia, cilt.240, 2024 (SCI-Expanded)
- II. **Synthesis of N-Doped Graphene Photo-Catalyst for Photo-Assisted Charging of Li-Ion Oxygen Battery**
Kaçar N., LÖKÇÜ E., ÇAYIRLI M., ÖZDEN R. C., COŞKUN Ş., TOPARLI Ç., ÇELİKÜREK İ., ANIK M.
Global Challenges, cilt.8, sa.1, 2024 (SCI-Expanded)
- III. **Photocatalytic Efficiency of g-C₃N₄/Graphene Nanocomposites in the Photo-Assisted Charging of the Li-Ion Oxygen Battery**
Kaçar N., Çayirli M., Özden R. C., Lökçü E., Anik M.
ACS OMEGA, cilt.8, sa.48, ss.46227-46235, 2023 (SCI-Expanded)
- IV. **Ultrasound-assisted synthesis of rGO/SiO₂-based nanosheets and their electrochemical performances in Li-ion batteries**
Lökçü E., CAN S., Anik M.
Turkish Journal of Chemistry, cilt.47, sa.2, ss.495-503, 2023 (SCI-Expanded)
- V. **Photoassisted Charging of Li-Ion Oxygen Batteries Using g-C₃N₄/rGO Nanocomposite Photocatalysts**
LÖKÇÜ E., Kaçar N., ÇAYIRLI M., ÖZDEN R. C., ANIK M.
ACS APPLIED MATERIALS & INTERFACES, cilt.14, sa.30, ss.34583-34592, 2022 (SCI-Expanded)
- VI. **Effect of rGO loading on the electrochemical performance of Li₂Si₅/rGO composite anodes for lithium-ion batteries**
Çelikbilek Z., CAN S., LÖKÇÜ E., ANIK M.
International Journal of Energy Research, cilt.46, sa.2, ss.1137-1145, 2022 (SCI-Expanded)
- VII. **Electrochemical hydrogen storage properties of mechanically alloyed Mg_{0.8}Ti_{0.2-x}Mn_xNi (x 1/4 0, 0.025, 0.05, 0.1) type alloys**
Küçükdeveci N., AKAY ERDOĞAN I., BİNAL AYBAR A., ANIK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.47, sa.4, ss.2511-2519, 2022 (SCI-Expanded)
- VIII. **Synthesis and electrochemical performance of lithium silicide based alloy anodes for Li-ion oxygen batteries**
LÖKÇÜ E., ANIK M.
International Journal of Hydrogen Energy, cilt.46, ss.10624-10631, 2021 (SCI-Expanded)
- IX. **Electrochemical Performance of (MgCoNiZn)_(1-x)LixO High-Entropy Oxides in Lithium-Ion Batteries**
LÖKÇÜ E., Toparli C., ANIK M.
ACS APPLIED MATERIALS & INTERFACES, cilt.12, sa.21, ss.23860-23866, 2020 (SCI-Expanded)
- X. **Enhancement of the mechanical properties of EN52CrMoV4 spring steel by deep cryogenic treatment**
Verbesserung der mechanischen Eigenschaften von EN52CrMoV4 Federstahl durch Tieftemperaturbehandlung
ÖZDEN R. C., Anik M.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, cilt.51, sa.4, ss.422-431, 2020 (SCI-Expanded)
- XI. **Synthesis of La₂MgNi₉ hydrogen storage alloy in molten salt**
Durger N. B., ANIK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.45, sa.15, ss.8750-8756, 2020 (SCI-Expanded)
- XII. **Corrosion and Wear Characteristics of Electroless Ni-P, Ni-P-W and Composite Ni-P-W/Al₂O₃ Coatings on AZ91 Sheet**

- Tasci S., ÖZDEN R. C., ANIK M.
METALS AND MATERIALS INTERNATIONAL, cilt.25, sa.2, ss.313-323, 2019 (SCI-Expanded)
- XIII. **Dissolution Behavior of Electrodeposited Ni-W Alloys**
Adiguzel Z., ANIK M.
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, cilt.54, sa.2, ss.316-324, 2018 (SCI-Expanded)
- XIV. **Direct synthesis of La-Mg-Ni-Co type hydrogen storage alloys from oxide mixtures**
BİNAL AYBAR A., ANIK M.
JOURNAL OF ENERGY CHEMISTRY, cilt.26, sa.4, ss.719-723, 2017 (SCI-Expanded)
- XV. **Molten salt synthesis of La(Ni_{1-x}Co_x)(5) (x=0, 0.1, 0.2, 0.3) type hydrogen storage alloys**
ANIK M., Hatirnaz N. B., BİNAL AYBAR A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.41, sa.1, ss.361-368, 2016 (SCI-Expanded)
- XVI. **Synthesis of La₂Ni₇ hydrogen storage alloy by the electro-deoxidation technique**
ANIK M., BİNAL AYBAR A., Kucukdeveci N., Erken H., BAKSAN B., GAŞAN H., Hatirnaz N. B., LÖKÇÜ E.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.40, sa.5, ss.2248-2254, 2015 (SCI-Expanded)
- XVII. **Synthesis of La-2(Ni_{1-x}Co_x)(7) (x=0.05, 0.1, 0.2) Hydrogen Storage Alloys by the Electro-Deoxidation Technique**
ANIK M., BİNAL AYBAR A., Hatirnaz N. B., Ozdemir D.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.162, sa.6, 2015 (SCI-Expanded)
- XVIII. **Hydrogen storage characteristics of Ti₂Ni alloy synthesized by the electro-deoxidation technique**
ANIK M., BAKSAN B., Orbay T. O., Kucukdeveci N., BİNAL AYBAR A., ÖZDEN R. C., GAŞAN H., KOÇ N.
INTERMETALLICS, cilt.46, ss.51-55, 2014 (SCI-Expanded)
- XIX. **Discharging characteristics of CoB nano powders**
ANIK M., Kucukdeveci N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.38, sa.3, ss.1501-1509, 2013 (SCI-Expanded)
- XX. **Charge/discharge characteristics of electroless CoB films**
ANIK M., Kucukdeveci N., Yilmaz A.
THIN SOLID FILMS, cilt.527, ss.69-75, 2013 (SCI-Expanded)
- XXI. **Improvement of the electrochemical hydrogen storage performance of magnesium based alloys by various additive elements**
Anik M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.2, ss.1905-1911, 2012 (SCI-Expanded)
- XXII. **Development of the high performance magnesium based hydrogen storage alloy**
ANIK M., Karanfil F., Kucukdeveci N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.1, ss.299-308, 2012 (SCI-Expanded)
- XXIII. **Effect of Titanium additive element on the discharging behavior of MgNi Alloy electrode**
Anik M.
International Journal of Hydrogen Energy, cilt.36, sa.23, ss.15075-15080, 2011 (SCI-Expanded)
- XXIV. **Electrochemical hydrogen storage characteristics of Mg-Pd-Ni ternary alloys**
ANIK M., Ozdemir G., Kucukdeveci N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.11, ss.6744-6750, 2011 (SCI-Expanded)
- XXV. **Effect of Al, B, Ti and Zr additive elements on the electrochemical hydrogen storage performance of MgNi alloy**
ANIK M., Ozdemir G., Kucukdeveci N., BAKSAN B.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.2, ss.1568-1577, 2011 (SCI-Expanded)
- XXVI. **Anodic reaction characteristics of tungsten in basic phosphate solutions**
Anik M.
Corrosion Science, cilt.52, sa.9, ss.3109-3117, 2010 (SCI-Expanded)
- XXVII. **Corrosion characteristics of Alloy AZ63 in buffered neutral solutions**
ANIK M., Gunesdogdu I. M.
MATERIALS & DESIGN, cilt.31, sa.6, ss.3100-3105, 2010 (SCI-Expanded)

- XXVIII. **Electrochemical hydrogen storage capacities of Mg₂Ni and MgNi alloys synthesized by mechanical alloying**
Anik M.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.491, ss.565-570, 2010 (SCI-Expanded)
- XXIX. **Electrochemical hydrogen storage performance of Mg-Ti-Zr-Ni alloys**
ANIK M., AKAY ERDOĞAN I., Oezdemir G., BAKSAN B.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.24, ss.9765-9772, 2009 (SCI-Expanded)
- XXX. **Improvement of the electrochemical hydrogen storage performance of Mg₂Ni by the partial replacements of Mg by Al, Ti and Zr**
Anik M.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.486, ss.109-114, 2009 (SCI-Expanded)
- XXXI. **Effect of electroless nickel coating on the electrochemical hydrogen storage characteristics of Al and Zr including Mg-based alloys**
ANIK M., AKAY ERDOĞAN I., Topcu S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.13, ss.5449-5457, 2009 (SCI-Expanded)
- XXXII. **pH-dependent anodic reaction behavior of tungsten in acidic phosphate solutions**
Anik M.
ELECTROCHIMICA ACTA, cilt.54, sa.15, ss.3943-3951, 2009 (SCI-Expanded)
- XXXIII. **Electrochemical hydrogen storage characteristics of Mg_{1.5}Al_{0.5-x}Zr_xNi (x=0, 0.1, 0.2, 0.3, 0.4, 0.5) alloys synthesized by mechanical alloying**
ANIK M., GAŞAN H., Topcu S., AKAY ERDOĞAN I., Aydinbeyli N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.6, ss.2692-2700, 2009 (SCI-Expanded)
- XXXIV. **Effect of coating bath composition on the properties of electroless nickel-boron films**
ANIK M., Korpe E., Sen E.
SURFACE & COATINGS TECHNOLOGY, cilt.202, sa.9, ss.1718-1727, 2008 (SCI-Expanded)
- XXXV. **Analysis of the electrochemical reaction behavior of alloy AZ91 by EIS technique in H₃PO₄/KOH buffered K₂SO₄ solutions**
Anik M., Celikten G.
CORROSION SCIENCE, cilt.49, sa.4, ss.1878-1894, 2007 (SCI-Expanded)
- XXXVI. **Effect of alloy microstructure on electroless NiP deposition behavior on Alloy AZ91**
Anik M., Korpe E.
SURFACE & COATINGS TECHNOLOGY, cilt.201, sa.8, ss.4702-4710, 2007 (SCI-Expanded)
- XXXVII. **Effect of concentration gradient on the anodic behavior of tungsten**
Anik M.
CORROSION SCIENCE, cilt.48, sa.12, ss.4158-4173, 2006 (SCI-Expanded)
- XXXVIII. **Dissolution kinetics of WO₃ in acidic solutions**
Anik M., Cansizoglu T.
JOURNAL OF APPLIED ELECTROCHEMISTRY, cilt.36, sa.5, ss.603-608, 2006 (SCI-Expanded)
- XXXIX. **Effect of the eutectic phase mixture on the anodic behavior of alloy AZ91**
Anik M., Avci P., Tanverdi A., Celikyurek İ., BAKSAN B., Gurler R.
MATERIALS & DESIGN, cilt.27, sa.5, ss.347-355, 2006 (SCI-Expanded)
- XL. **Selection of an oxidant for copper chemical mechanical polishing: Copper-iodate system**
Anik M.
JOURNAL OF APPLIED ELECTROCHEMISTRY, cilt.35, sa.1, ss.1-7, 2005 (SCI-Expanded)
- XLI. **Reduction characteristics of iodate ion on copper: Application to copper chemical mechanical polishing**
Anik M.
Journal of Applied Electrochemistry, cilt.34, sa.9, ss.963-969, 2004 (SCI-Expanded)
- XLII. **Diffusion effect on the anodic reactions of tungsten**
Anik M., Cansizoglu T., Cevik S.
TURKISH JOURNAL OF CHEMISTRY, cilt.28, sa.4, ss.425-439, 2004 (SCI-Expanded)

- XLIII. **Effect of pH on the anodic Behavior of tungsten**
Anik M., Osseo-Asare K.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.149, sa.6, 2002 (SCI-Expanded)
- XLIV. **Anodic Behavior of tungsten in H₃PO₄-K₂SO₄-H₂SO₄/KOH solutions**
Anik M.
TURKISH JOURNAL OF CHEMISTRY, cilt.26, sa.6, ss.915-924, 2002 (SCI-Expanded)
- XLV. **Chemical Mechanical Polishing of Tungsten: Effect of Tungstate Ion on the Electrochemical Behavior of Tungsten**
Osseo-Asare K., Anik M., DeSimone J.
Electrochemical and Solid-State Letters, cilt.2, sa.3, ss.143-144, 1999 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Effect of H₂/Ar Ratio on the Photoanodic Currents of Graphene/MoS₂ Films**
ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.26, ss.718-722, 2023 (Scopus)
- II. **Glycine-Assisted Synthesis of High Surface Area (FeMnCrCoZn)₃O₄ Microsheets**
ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.26, ss.416-419, 2023 (Scopus)
- III. **Improved Energy Efficiency of Lithium-Air Batteries by using Alloy Based Anode and Photocatalyst Loading Cathode**
LÖKÇÜ E., ANIK M., ÖZDEN R. C.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, cilt.21, sa.1, ss.237-240, 2022 (Scopus)
- IV. **Electrochemical Performance of Tin-Based Solder Alloys for Secondary Lithium Batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, cilt.21, sa.1, ss.214-217, 2022 (Scopus)
- V. **Improvement of Photo-Catalytic Properties of Graphene by N-Doping**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, cilt.21, sa.1, ss.283-287, 2022 (Scopus)
- VI. **Synthesis of Nanocomposite Photo-Catalysts for Photo-Assisted Charging of Li-Ion Oxygen Batteries**
Lökçü E., Özden R. C., Anik M.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, cilt.21, sa.1, ss.316-320, 2022 (Scopus)
- VII. **Synthesis of rGO/g-C₃N₄ Composite Cathodes for Li – Ion – Oxygen Battery**
LÖKÇÜ E., KAÇAR N., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.47-51, 2021 (Hakemli Dergi)
- VIII. **Synthesis and Electrochemical Performance of Spinel Crystal Structured ((FeNiCrMn)_{1-x}Co_x)₃O₄ (x=0.1, 0.2, 0.3) High Entropy Oxides**
ÇAYIRLI M., ERDOĞAN ESEN E., LÖKÇÜ E., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.140-144, 2021 (Hakemli Dergi)
- IX. **Synthesis of Graphene/g-C₃N₄ Composite Photo-Electrodes for Li – Ion – Oxygen Battery**
KAÇAR N., LÖKÇÜ E., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.162-166,

2021 (Hakemli Dergi)

- X. **Study of the Lithium Diffusion Properties of (MgCoNiLiZn)O High EntropyOxide as an Anode in Lithium-Ion Battery**
LÖKÇÜ E., ANIK M., ÖZDEN R. C.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.77-81, 2021 (Hakemli Dergi)
- XI. **Cryogenic Process Optimization for Medium Carbon Spring Steels**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.14-19, 2021 (Hakemli Dergi)
- XII. **Effects of Deep Cryogenic Treatment on the Mechanical Properties of Medium Carbon Spring Steels**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering and Mathematics, cilt.11, ss.48-52, 2020 (Hakemli Dergi)
- XIII. **Effect of Co Content on the Electrochemical Properties of (MgCoNiZnLi)O Based High Entropy Oxides for Li-Ion Batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology,Engineering Mathematics (EPSTEM), cilt.11, ss.29-32, 2020 (Hakemli Dergi)
- XIV. **Effect of Mg Content on the Electrochemical Properties of (MgCoNiZnLi)O Based High Entropy Oxides for Li-Ion Batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology,Engineering Mathematics (EPSTEM), cilt.11, ss.53-56, 2020 (Hakemli Dergi)
- XV. **Effects of Deep Cryogenic Treatment on the Microstructural Properties of Medium Carbon Spring Steels**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
The Eurasia Proceedings of Science, Technology, Engineering and Mathematics, cilt.11, ss.5-8, 2020 (Hakemli Dergi)
- XVI. **The Anode Performance of the Mg_{0.2}Co_{0.2}Ni_{0.2}Zn_{0.2}Li_{0.1}Cu_{0.1}O High Entropy Oxide for Li-Ion Batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
The Eurasia Proceedings of Science, Technology,Engineering Mathematics (EPSTEM), cilt.11, ss.136-140, 2020 (Hakemli Dergi)
- XVII. **SYNTESIS AND ELECTROCHEMICAL PERFORMANCE OF THE (Mg_{0.2}Co_{0.2}Ni_{0.2}Zn_{0.2}Li_{0.2})O HIGH ENTROPY OXIDE AS ANODE MATERIAL FOR Li-ION BATTERIES**
ANIK M., LÖKÇÜ E.
The Eurasia Proceedings of Science, Technology,Engineering Mathematics (EPSTEM), cilt.7, ss.329-332, 2019 (Hakemli Dergi)
- XVIII. **Use of molten salt method in the synthesis of metal hydride electrode materials**
ANIK M.
The online journal of science and technology, cilt.7, sa.3, ss.164-168, 2017 (Hakemli Dergi)
- XIX. **Isıl İşlemin Akımsız Ni-B Kaplamanın Mikro-Yapısına, Korozyon Direncine Ve Sertliğine Etkisi**
ANIK M., BAKSAN B., KÖRPE E.
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), cilt.22, sa.2, ss.111-124, 2009 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **MgTiMnZrNi Alaşımlarının Elektrokimyasal Hidrojen Depolama Performansları(Electrochemical**

Hydrogen Storage Performances of MgTiMnZrNi quinary Alloys)

KÜÇÜKDEVECİ N., AKAY ERDOĞAN I., BİNAL AYBAR A., BAYER ÖZTÜRK Z., ANIK M.

4. International Conference on Materials Science, Mechanical and Automotive Engineering and Technology (IMSMATEC'21), Nevşehir, Türkiye, 28 Mayıs 2021

- II. **Microstructural and Electrochemical Properties of (Mg_{0.2}Co_{0.2}Ni_{0.2}Zn_{0.2}Li_{0.1}Al_{0.1})O High Entropy Oxide Anode**
ÇAYIRLI M., CAN S., LÖKÇÜ E., ANIK M.
International Congress of Engineering and Natural Sciences Studies, Ankara, Türkiye, 7 - 09 Mayıs 2021
- III. **Synthesis and Characterization of rGO@SiO₂ Nanostructures for Li-Ion Batteries**
CAN S., ÇAYIRLI M., LÖKÇÜ E., ANIK M.
International Congress of Engineering and Natural Sciences Studies, Ankara, Türkiye, 7 - 09 Mayıs 2021
- IV. **Effect of deep cryogenic treatment on the microstructural properties of medium carbon spring steels**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
International conference on technology, engineering and science, Türkiye, 29 Ekim - 01 Kasım 2020, cilt.11, ss.5-8
- V. **The anode performance of the Mg_{0.2}Co_{0.2}Ni_{0.2}Zn_{0.2}Li_{0.1}Cu_{0.1}O high entropy oxide for Li-ion batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
International conference on technology, engineering and science, Antalya, Türkiye, 29 Ekim - 01 Kasım 2020, cilt.11, ss.136-140
- VI. **Effect of deep cryogenic treatment on the mechanical properties of medium carbon spring steels**
ÖZDEN R. C., LÖKÇÜ E., ANIK M.
International conference on technology engineering and science, Antalya, Türkiye, 29 Ekim - 01 Kasım 2020, cilt.11, ss.48-52
- VII. **Effect of Mg content on the electrochemical properties of (MgCoNiZnLi)O based high entropy oxides for Li-ion batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
International conference on technology, engineering and science, Antalya, Türkiye, 29 Ekim - 01 Kasım 2020, cilt.11, ss.53-56
- VIII. **The effect of Co content on the electrochemical properties of CoMgNiZnLiO based high entropy oxides for Li ion batteries**
LÖKÇÜ E., ÖZDEN R. C., ANIK M.
International conference on technology engineering and science, Türkiye, 29 Ekim - 01 Kasım 2020, cilt.11, ss.29-32
- IX. **Synthesis of Li₂Si₅/reduced graphene oxide nanocomposite as anode material for Li-ion batteries**
CAN S., LÖKÇÜ E., ANIK M.
2nd international conference on natural and applied science and engineering, Türkiye, 21 - 25 Ekim 2020, ss.1-4
- X. **Synthesis and lithium storage properties of non-equiatomic MgNiCuZnCo high-entropy oxides**
ÇAYIRLI M., LÖKÇÜ E., ANIK M.
2nd international conference on natural and applied science and engineering, Türkiye, 21 - 25 Ekim 2020, ss.9-12
- XI. **Synthesis and lithium storage properties of non-equiatomic MgNiCuZnCo high-entropy oxides**
ÇAYIRLI M., LÖKÇÜ E., ANIK M.
ICNASEN-2020, Antalya, Türkiye, 21 - 25 Ekim 2020
- XII. **Effect of Manganese Additive Element on Mg_{0.8}Ti_{0.2}Ni Ternary Hydrogen Storage Alloys**
KÜÇÜKDEVECİ N., BİNAL AYBAR A., AKAY ERDOĞAN I., ANIK M.
4. The International Conference on Material Science and Technology in Kızılcahamam/Ankara, 18 - 20 Ekim 2019
- XIII. **Effects of Deep Cryogenic Treatment on The Mechanical Properties of 52CrMoV4 Steel**
ÖZDEN R. C., ANIK M.
UDCS'19 Fourth International Iron and Steel Symposium, 4 - 06 Nisan 2019
- XIV. **Effect Of Alloying Elements On The Wear Properties Of Cryogenically Treated Medium Carbon Spring Steels**

- ÖZDEN R. C., ANIK M.
UDCS'19 Fourth International Iron and Steel Symposium, 4 - 06 Nisan 2019
- XV. **Effects of Deep Cryogenic Treatment on the Wear Properties of 52 CrMoV4 Steel**
ÖZDEN R. C., ANIK M., GAŞAN H.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE ENGINEERING, 9 - 12 Mayıs 2018
- XVI. **Electrochemical Hydrogen Storage: Alloy Synthesis and Characterization**
ANIK M.
3rd international conference on material science and technology in cappadocia (IMSTEC 18), 17 - 19 Eylül 2018
- XVII. **Direct Synthesis of La-Ni Based Hydrogen Storage Alloys from the Oxide Form**
BİNAL AYBAR A., ANIK M.
19. Uluslararası Metalurji ve Malzeme Kongresi, 25 - 27 Ekim 2018
- XVIII. **Synthesis of La-Ni based hydrogen storage alloys by electro-deoxidation**
ANIK M.
2nd international conference on innovations in natural science and engineering, 7 - 10 Eylül 2018
- XIX. **Characteristics of electroless NiPW coatings on AZ91 sheet**
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- XXI. **Development of porous graphene based cathodes for Li-air batteries**
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- XXV. **Synthesis of La-Mg-Ni-Co/Carbon nanotube composite hydrogen storage electrodes**
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Metrikler

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Atf (WoS): 1123

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