

# Prof. METİN GÜRÜ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 7859

## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 1985 - 1992

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1976 - 1980

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Biotechnology, Chemical Technologies, Basic Operations and Thermodynamics

## Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2006 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2000 - 2006

Assistant Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 1995 - 2000

Lecturer, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 1993 - 1995

## Academic and Administrative Experience

Ethics Committee Member, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Member of the Senate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - Continues

Director of The Institution, Gazi University, Kazaları Araştırma ve Önleme Enstitüsü, 2020 - Continues

Fakülte Kurulu Üyesi, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - 2023

Dean, Gazi University, Mühendislik Fakültesi, 2016 - 2016

Director of The Institution, Gazi University, Fen Bilimleri Enstitüsü, 2015 - 2016

Head of Department, Gazi University, Fen Bilimleri Enstitüsü, 2012 - 2014

## Supervised Theses

Gürü M., Zırhlı araçlar için 7,62 x 51 mm Tungsten Karbür Çekirdekli Zırh Delici Mühimmata Karşı Zırh tasarımı ve Zırhın Balistik Performansının İncelenmesi, Postgraduate, K.TONBUL(Student), 2024

Gürü M., Aktaş G., YAŞ YÖNTEM İLE İZ DÜŞÜRÜCÜ BOYALARIN PERFORMANS ÖZELLİKLERİNİN GELİŞTİRİLMESİ, Postgraduate, S.KARA(Student), 2024

Gürü M., DÖNER KANAT UÇUŞLARINDA DÜŞÜK GÖRÜŞ ŞARTLARI: ÇOK ÖLÇÜTLÜ KARAR VERME YÖNTEMİYLE EN UYGUN GECE GÖRÜŞ GÖZLÜĞÜ TESPİTİNE YÖNELİK BİR ÇALIŞMA, Doctorate, İ.GEVREK(Student), 2024

Akın Şahbaz D., Gürü M., Antibakteriyel bor bileşiklerinin tekstil ürünlerine uygulanabilirliği, Postgraduate, H.ENES(Student), 2024

Gürü M., Postgraduate, T.AKSONGUR(Student), 2023

Gürü M., Akkaş Boynueğri T., Dehydrogenation of NaBH<sub>4</sub> with synthetic Ni-CO active center MOF supported catalyst and kinetic parameters, Postgraduate, A.Ayşe(Student), 2023

Gürü M., Akman A., Detection of human errors in a chemical production plant and comparison methods used in analyzing human error, Postgraduate, K.OLGUN(Student), 2023

Gürü M., Synthesis of copper fluoroborate by surface response method and its usability in antifouling paint, Postgraduate, İ.BOZTAŞ(Student), 2022

Aruntaş H. Y., Gürü M., USABILITY OF PLANT WASTE BASED MATERIALS IN THE PRODUCTION OF COMPOSITE BOARD AND IMPROVEMENT OF ITS PROPERTIES , Doctorate, M.ŞAHİNÖZ(Student), 2022

Gürü M., PHENOL AND BORON BASED PIGMENT SYNTHESIS AND USABILITY IN PROTECTED PAINT FROM MARINE CREATURES, Postgraduate, Ş.OLGUN(Student), 2021

GÜRÜ M., Synthesis Of Magnesium And Calcium Fluoroborate With Fluoroboric Acid And Usability As Flame Retardant, Postgraduate, G.GÜNGÖR(Student), 2021

GÜRÜ M., Determination Of Thermophysical Properties Of Dolomite And Bauxite Based Nanofluids And Effect On Performance Of Thermal Systems, Doctorate, D.YILMAZ(Student), 2020

GÜRÜ M., Evaluation Of Flight Equipment In Terms Of Pilot Fatigue, Postgraduate, İ.GEVREK(Student), 2020

GÜRÜ M., Extraction Of Pharmaceutical Active Compounds From Juniperus Excelsa Fruits By Supercritical Carbon Dioxide Extraction, Postgraduate, E.MERİH(Student), 2020

GÜRÜ M., Pelemin Tohumundan Süperkritik Karbon Dioksit Ekstraksiyon Yöntemiyle Uçucu Yağ Ve İlaç Etken Maddelerinin Ekstraksiyonu, Postgraduate, S.CANER(Student), 2020

GÜRÜ M., AKKURT F., Synthesis Of Cobalt Fluoroborate And Usability As Flame Retardant, Postgraduate, R.BİBEROĞLU(Student), 2020

GÜRÜ M., Etanol kosolventli süperkritik karbondioksit özütlemesi metodu ile kırmızı kantaron bitkisinden ilaç etken maddesi flavonoidlerin ve toplam antioksidan maddelerin tespiti, Postgraduate, S.BAYRAM(Student), 2019

GÜRÜ M., The Determination Of Flavonoids And Total Antioxidant Substances Of A Drug Impact Of Red Kantaron Usage With The Supercritical Carbondioxide Extraction Method Of Ethanol Cosolventne, Postgraduate, S.Bayram(Student), 2019

GÜRÜ M., Synthesis Of Lead Fluoroborate And Its Usage As A Flame Retardant, Postgraduate, H.KURT(Student), 2019

GÜRÜ M., Synthesis Of Copper Fluoroborate And Usability As Flame Retardant, Postgraduate, D.İPEK(Student), 2018

GÜRÜ M., Extraction Of Active Pharmaceutical Components From Oily Seeds By Supercritical Carbon Dioxide Method, Doctorate, L.NURALIN(Student), 2018

GÜRÜ M., Occupational Safety In Food Quality Control And Analysis Training, Postgraduate, A.BAHAR(Student), 2018

GÜRÜ M., Performance Effect Of Thermal System And Thermophysical Properties Of Nano Mineralogic Fluids, Doctorate, U.KARAKAYA(Student), 2018

GÜRÜ M., Calcium Borohydride Synthesis By Magnesium Hydride Compound From Calcium Salt And Catalytic Dehydrogenation Of Borohydride Compounds, Doctorate, T.Akkaş(Student), 2016

GÜRÜ M., Magnezyum hidrür bileşiğiyle kalsiyum tuzlarından kalsiyum borhidrür sentezi ve borhidrür bileşiklerinin katalitik dehidrojenasyonu, Doctorate, T.AKKAŞ(Student), 2016

GÜRÜ M., Mekanik alaşımlama yöntemi ile AA7075-karbon nanotüp takviyeli metal matrisli kompozit üretimi karakterizasyonu ve aşınma davranışlarının incelenmesi, Doctorate, M.YILDIRIM(Student), 2016

GÜRÜ M., Calcium borohydride synthesis from anhydrous boron oxide And anhydrous colemanite and catalytic dehydrogenation of Borohydrides, Doctorate, A.Fırat(Student), 2015

GÜRÜ M., Jeotermal kaynaklardan flaş ve çift akışkanlı yöntemlerin birlikte optimizasyonu ile elektrik enerjisi üretilmesi,

Postgraduate, M.YASİR(Student), 2015

GÜRÜ M., Synthesis Of Zinc Fluoroborate And Usability As Flame Retardant, Postgraduate, D.YILMAZ(Student), 2015

GÜRÜ M., Optimization Of Electricity Generation From Geothermal Resources By Combining Flash And Binary Systems, Postgraduate, M.Yasir(Student), 2015

GÜRÜ M., Susuz bor oksit ve susuz kolemanitten kalsiyum borhidrür sentezi ve borhidrürlerin katalitik dehidrojenasyonu, Doctorate, A.FIRAT(Student), 2015

GÜRÜ M., Analysis Of Work Accidents, Assessment Of Risks And Safety Culture And Prevention Strategies In Telecommunication Sector, Doctorate, B.ENGİN(Student), 2015

SÖZEN A., GÜRÜ M., The Influence Of Absorbents On The Cooling Performance Of Diffusion Absorption Mini-Refrigeration Systems, Postgraduate, S.ÖZTAŞ(Student), 2015

GÜRÜ M., Extraction of pharmaceutical active component from silybum marianum by supercritical fluid extraction, Doctorate, H.TUĞBA(Student), 2014

GÜRÜ M., Bor oksitten mekanokimyasal sentez yöntemi ile indirgenmiş bor ürünlerinin üretimi, Postgraduate, D.GÖKDAI(Student), 2014

GÜRÜ M., Mekanokimyasal yöntemle demir silisyum bileşiğinin üretilmesi ve radar absorpsiyon malzemesi olarak kullanılabilirliği, Doctorate, G.AKTAŞ(Student), 2013

GÜRÜ M., Removal of oil pollution in water by using waste styrofoam, tea fiber and polystyrene sorbents, Postgraduate, E.LALE(Student), 2013

GÜRÜ M., Extraction of oil and phytosterols from the peach seeds and melon seeds by supercritical carbon dioxide, Doctorate, M.SERHAT(Student), 2013

GÜRÜ M., Magnesium borate synthesis and usability as flame retardance pigment, Postgraduate, Ö.ATALAY(Student), 2013

GÜRÜ M., Mekanokimyasal yöntemle radar absorplayıcı madde sentezlenmesi için reaktör tasarımı ve katkılarla absorplayıcı malzemenin geliştirilmesi, Doctorate, A.RIZA(Student), 2013

GÜRÜ M., ÇUBUK M. K., The usability of waste polyethylene terephthalate (PET) products obtained by polimerization in asphalt concretes, Postgraduate, S.ALİ(Student), 2013

GÜRÜ M., Synthesis of borohydride from saline compounds and its catalytic dehydrogenation, Doctorate, M.Bilen(Student), 2012

GÜRÜ M., Atık plastiklerden kompozit malzeme üretimi ve karakterizasyonu, Doctorate, İ.BİLİCİ(Student), 2012

GÜRÜ M., Recovery of co2 emission by boron solutions and conversion to economically valuable products, Doctorate, O.YILMAZ(Student), 2012

GÜRÜ M., AR İ., Synthesis of sodium borohydride from sodium amide by mechanochemical process, its catalytic dehydrogenation and usage in fuel cells, Postgraduate, Ö.USTA(Student), 2011

GÜRÜ M., [Production of al based cermet composite reinforced with boron carbide and characterization, Postgraduate, D.UZUN(Student), 2011

GÜRÜ M., OPTIMIZATION OF THE ELECTRICITY PRODUCTION FROM GEOTHERMAL SOURCES BY BINARY SYSTEM, Postgraduate, A.KAPULLUOĞLU(Student), 2010

GÜRÜ M., Metal borohydrides synthesis and their usability in hydrogen recycle, Doctorate, Ç.ÇAKANYILDIRIM(Student), 2009

GÜRÜ M., Süperkritik karbon dioksit ekstraksiyon metodu ile atık çay lifleri ve saplarından kafein eldesi, Doctorate, H.İÇEN(Student), 2008

GÜRÜ M., OBTAINING CAFFEINE THROUGH WASTE TEA FIBER AND STALKS BY MAKING USE OF THE SUPERCRITICAL CARBON DIOXIDE EXTRACTION METHOD, Doctorate, H.İÇEN(Student), 2008

GÜRÜ M., HERMAL SHOCK RESISTANT CERAMIC WITH BORANE PHOSPHOTE ADDITIVE, Postgraduate, A.SACİD(Student), 2007

GÜRÜ M., Manufacturing of polymer matrix composite material composite material using marble dust and fly ash, Postgraduate, E.AKIN(Student), 2007

GÜRÜ M., Katkı maddeleri ile bitümün reolojik özelliklerinin geliştirilmesi ve esnek kaplama malzeme oluşumunda problemlerin giderilmesi, Doctorate, M.ÇUBUK(Student), 2007

GÜRÜ M., IMPROVEMENT OF RHEOLOGICAL CHARACTERISTICS OF BITUMEN AND ELIMINATION OF PROBLEMS IN FLEXIBLE PAVEMENT MATERIAL FORMATION BY ADDITIVES, Doctorate, M.ÇUBUK(Student), 2007

GÜRÜ M., Uçucu külün yapı malzemelerinde bağlayıcılığa etkisinin araştırılması, Postgraduate, O.ÖZDEMİR(Student),

2007

- GÜRÜ M., Gıda sektöründe HACCP uygulaması ve çevreyle etkileşimi, Postgraduate, Z.YASAN(Student), 2007
- GÜRÜ M., Çinko borat sentezi ve yüksek sıcaklıkta pigment olarak kullanılabilirliği, Postgraduate, B.AYAR(Student), 2007
- GÜRÜ M., Uçucu kül kullanılarak bor katkılı anortit üretimi, Postgraduate, U.AYDOĞAN(Student), 2006
- GÜRÜ M., Hayvansal atık yağlardan biyodizel üretimi ve özelliklerinin geliştirilmesi, Postgraduate, B.DOĞAN(Student), 2006
- GÜRÜ M., Antep fıstığı kabuklarından polimer kompozit malzeme üretimi ve özelliklerinin geliştirilmesi, Postgraduate, M.ŞAHİN(Student), 2006
- GÜRÜ M., TEKELİ S., Farklı oranlarda SiO<sub>2</sub> katkılı kübik zirkonyada (8YSCZ) sinterlenebilirlik ve statik tane büyümesinin incelenmesi, Postgraduate, O.EMRE(Student), 2006
- GÜRÜ M., Sulardaki krom (III) kirliliğinin diatomit ile giderilmesi, Postgraduate, D.VENEDİK(Student), 2006
- GÜRÜ M., Savunma sanayinde kullanılan tehlikeli maddelerin riskleri, giderilmesi ve mevzuatın değerlendirilmesi, Postgraduate, İ.ÖZKAN(Student), 2005
- GÜRÜ M., Tufanbeyli linyitlerindeki yanabilir kükürdün hidrojen peroksit çözeltisiyle uzaklaştırılması, Postgraduate, B.VOLKAN(Student), 2005
- GÜRÜ M., Seramik takviyeli çinko metal matrisli kompozit malzeme üretimi ve karakterizasyonu, Postgraduate, M.KORÇAK(Student), 2005
- ALTIPARMAK D., GÜRÜ M., Tall yağı esaslı biyodizel ve yakıt katkı maddesi üretimi ve bunların dizel motor performansı üzerindeki etkileri, Doctorate, A.KESKİN(Student), 2005
- GÜRÜ M., Tufanbeyli linyitlerindeki yanabilir kükürdün nitrik asit çözeltisiyle uzaklaştırılması, Postgraduate, S.ARSLAN(Student), 2005
- GÜRÜ M., AR İ., Magnezyum borhidrür sentezi ve hidrojen çevirimi kullanımı, Postgraduate, S.KAYA(Student), 2005
- GÜRÜ M., Ti-Fe alaşımlarından basıcsız infiltrasyon yöntemiyle seramik metalik kompozit malzeme üretimi, Postgraduate, İ.BİLİCİ(Student), 2005
- GÜRÜ M., Bor tuzlarının çevre üzerindeki etkileri Emet Bor İşletme Müdürlüğü konsantratör tesisleri ve Emet Borik Asit Fabrikası, Postgraduate, M.ÜLKER(Student), 2004
- GÜRÜ M., Sulardaki demir kirliliğinin katalitik hava oksidasyonu ile giderilmesi, Postgraduate, B.ENGİN(Student), 2004
- GÜRÜ M., MgAl<sub>2</sub>O<sub>4</sub>/Al kompozit malzeme üretimi, Postgraduate, M.BİLEN(Student), 2003
- GÜRÜ M., İzmir Körfezi'nin kirliliği, kaynakları ve giderilme tekniklerinin değerlendirilmesi, Postgraduate, T.BEYAZIT(Student), 2003
- GÜRÜ M., Çay fabrikası atıklarından kafein eldesi ve optimum şartların belirlenmesi, Postgraduate, H.İÇEN(Student), 2001
- GÜRÜ M., Motorinin özelliklerinin katkı maddeleriyle geliştirilmesi, Postgraduate, U.KARAKAYA(Student), 2000
- GÜRÜ M., Fuel oil'deki kükürtün organometalik bileşiklerle külde tutulması, Postgraduate, M.KUŞÇUOĞLU(Student), 2000
- GÜRÜ M., Biyokimyasal yöntemle kömürdeki yanabilir kükürdün giderilmesi, Postgraduate, M.ÇUBUK(Student), 1999
- GÜRÜ M., Asfaltın kalite özelliklerinin katkı maddesi ilavesi ile iyileştirilmesi, Doctorate, E.NAZAN(Student), 1997

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **VALORIZATION OF CORN HUSK (<i>ZEA MAYS</i>) AND CORN SILK IN POLYMER PARTICLEBOARD MANUFACTURE AND EFFECT OF WASTE COLEMANITE ON THE MECHANICAL PERFORMANCE OF PARTICLEBOARDS**  
Sahinoz M., GÜRÜ M., ARUNTAŞ H. Y.  
CELLULOSE CHEMISTRY AND TECHNOLOGY, no.7-8, pp.819-832, 2024 (SCI-Expanded)
- II. **Investigation of the effects of molasses-based fly ash compound on bitumen and bituminous mixture properties by laboratory tests**  
Gürü M., Arslan D., Çubuk M. K., Öztürk Ş.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.1, pp.39-50, 2024 (SCI-Expanded)
- III. **Analysis of Pilot Distance Estimation in Different Lighting and Visibility Conditions**

Gevrek I., Akn M., Gürü M.

DEFENCE SCIENCE JOURNAL, no.6, pp.633-641, 2023 (SCI-Expanded)

- IV. **Synthesis of Zinc Fluoroborate by Wet Method and Its Application as a Flame Retardant for Cotton Fabrics**  
Aydın D. Y., GÜRÜ M.  
Journal of Engineering Research (Kuwait), vol.11, no.2, pp.16-25, 2023 (SCI-Expanded)
- V. **PRODUCTION OF COMPOSITE PARTICLEBOARD FROM WASTE PLUM PITS (<i>PRUNUS DOMESTICA</i>) AND IMPROVEMENT OF ITS CHARACTERISTICS**  
Şahinöz M., Aruntaş H. Y., Gürü M.  
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.57, no.5-6, pp.587-598, 2023 (SCI-Expanded)
- VI. **Improving Asphalt Binder and Hot Mix Asphalt Aging Properties by Adding Synthetic Polyboron and Organic Magnesium Oxide**  
Calisici M., GÜRÜ M., ÇUBUK M. K.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.48, no.4, pp.4711-4718, 2023 (SCI-Expanded)
- VII. **Enhancement of Heat Transfer Performance of a Heat Pipe by Using Calcium Magnesium Carbonate-Ethylene Glycol/Water Nanofluid with Sodium Dodecylbenzene Sulfonate**  
Aydın D. Y., Gürü M., Sözen A.  
PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING, vol.66, pp.609-616, 2022 (SCI-Expanded)
- VIII. **Experimental research of the effects of organic manganese-added biodiesel produced from crambe orientalis oil on engine performance, combustion, and emissions**  
Uyaroglu A., GÜRÜ M., UYUMAZ A., Kocakulak T.  
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.41, no.5, 2022 (SCI-Expanded)
- IX. **Nanofluids: preparation, stability, properties, and thermal performance in terms of thermo-hydraulic, thermodynamics and thermo-economic analysis**  
Aydın D. Y., GÜRÜ M.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.147, no.14, pp.7631-7664, 2022 (SCI-Expanded)
- X. **Processing of polymer wood composite material from pine cone and the binder of phenol formaldehyde/PVAc/molasses and improvement of its properties**  
Şahinöz M., Aruntaş H. Y., Gürü M.  
Case Studies in Construction Materials, vol.16, 2022 (SCI-Expanded)
- XI. **Berberis Vulgaris Fruit: Determination of Phenolic Compounds in Extracts Obtained by Supercritical CO<sub>2</sub> and Soxhlet Methods Using HPLC**  
NURALIN L., GÜRÜ M.  
FOOD ANALYTICAL METHODS, vol.15, no.4, pp.877-889, 2022 (SCI-Expanded)
- XII. **The investigation of synthesis parameters, kinetic and flame retardant properties of magnesium fluoroborate**  
GÜRÜ M., Gungor G., Aydın D. Y., ÇAKANYILDIRIM Ç.  
CHEMICAL PAPERS, vol.76, no.3, pp.1313-1320, 2022 (SCI-Expanded)
- XIII. **NaBH<sub>4</sub> hydrolysis performance and kinetic evaluation of synthetic Co-Mn-Pt catalyst prepared with different supports**  
ÇAKANYILDIRIM Ç., GÜRÜ M.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.1, pp.423-437, 2022 (SCI-Expanded)
- XIV. **The effects of particle mass fraction and static magnetic field on the thermal performance of NiFe<sub>2</sub>O<sub>4</sub> nanofluid in a heat pipe**  
Aydın D. Y., Aydın E., GÜRÜ M.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.183, 2022 (SCI-Expanded)
- XV. **Extraction and quantification of some valuable flavonoids from pinecone of Pinus brutia via Soxhlet and Supercritical CO<sub>2</sub> extraction: a comparison study**  
NURALIN L., GÜRÜ M., ÇETE S.  
CHEMICAL PAPERS, vol.75, no.10, pp.5363-5373, 2021 (SCI-Expanded)

- XVI. **Combustion, performance and emission analyses of organic Manganese-Added crambe abyssinica biodiesel in a direct injection diesel engine**  
Uyaroglu A., GÜRÜ M., Kocakulak T., Uyumaz A., SOLMAZ H.  
FUEL, vol.297, 2021 (SCI-Expanded)
- XVII. **INVESTIGATION OF SYNTHESIS PARAMETERS OF ANTIMONY FLUOROBORATE AND ITS USABILITY AS A FLAME RETARDANT FOR CELLULOSIC FABRICS**  
Aydin D. Y., GÜRÜ M., AKKURT F.  
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.55, no.7-8, pp.893-900, 2021 (SCI-Expanded)
- XVIII. **The Impacts of Nanoparticle Concentration and Surfactant Type on Thermal Performance of A Thermosyphon Heat Pipe Working With Bauxite Nanofluid**  
Yilmaz Aydin D., ÇİFTÇİ E., GÜRÜ M., SÖZEN A.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.43, no.12, pp.1524-1548, 2021 (SCI-Expanded)
- XIX. **The Effects of Triton X-100 and Tween 80 Surfactants on the Thermal Performance of a Nano-Lubricant: An Experimental Study**  
Akkaya M., MENLİK T., SÖZEN A., GÜRÜ M.  
INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING-GREEN TECHNOLOGY, vol.8, no.3, pp.955-967, 2021 (SCI-Expanded)
- XX. **Investigation of the effects of base fluid type of the nanofluid on heat pipe performance**  
Aydin D. Y., Gürü M., Sözen A., Çiftçi E.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART A-JOURNAL OF POWER AND ENERGY, vol.235, no.1, pp.124-138, 2021 (SCI-Expanded)
- XXI. **Determination of soxhlet extraction conditions of silibinin and rutin components in Juniperus excelsa M. Bieb fruits using experimental design method**  
NURALIN L., GÜRÜ M.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.4, pp.1775-1784, 2021 (SCI-Expanded)
- XXII. **RELEASING HYDROGEN FROM NABH(4) VIA HYDROGEL BASED CoF2 CATALYST**  
Akkas Boynuegri T., GÜRÜ M.  
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.41, no.1, pp.1-9, 2021 (SCI-Expanded)
- XXIII. **Investigation of Mechanical Properties of AA7075 Alloys Aged by Various Heat Treatments**  
Sunar T., Tuncay T., Ozyurek D., GÜRÜ M.  
PHYSICS OF METALS AND METALLOGRAPHY, vol.121, no.14, pp.1440-1446, 2020 (SCI-Expanded)
- XXIV. **Investigation of the influences of kaolin-deionized water nanofluid on the thermal behavior of concentric type heat exchanger**  
Khanlari A., Aydin D. Y., SÖZEN A., GÜRÜ M., VARİYENLİ H. İ.  
HEAT AND MASS TRANSFER, vol.56, no.5, pp.1453-1462, 2020 (SCI-Expanded)
- XXV. **Effect of Milling Time on Dry Sliding Wear Behaviors of Carbon Nanotubes Reinforced Al Matrix Composites**  
YILDIRIM M., ÖZYÜREK D., GÜRÜ M.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.20, no.4, pp.2633-2638, 2020 (SCI-Expanded)
- XXVI. **Investigation of rheological and mechanical properties of kaolin-clay modified bitumen**  
Arslan D., GÜRÜ M., ÇUBUK M. K., Cubuk M., Farshbafian F. K.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.3, pp.1409-1419, 2020 (SCI-Expanded)
- XXVII. **EXPERIMENTAL INVESTIGATION ON THERMAL PERFORMANCE OF THERMOSYPHON HEAT PIPE USING DOLOMITE/DEIONIZED WATER NANOFLUID DEPENDING ON NANOPARTICLE CONCENTRATION AND SURFACTANT TYPE**  
Aydin D. Y., GÜRÜ M., SÖZEN A.  
HEAT TRANSFER RESEARCH, vol.51, no.11, pp.1073-1085, 2020 (SCI-Expanded)

- XXVIII. **EXPERIMENTAL INVESTIGATION OF NANOLUBRICANT USAGE IN A COOLING SYSTEM AT DIFFERENT NANOPARTICLE CONCENTRATIONS**  
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## Activities in Scientific Journals

Gazi University Journal of Science, Editor, 2016 - Continues

Bor Dergisi, First Editor, 2016 - 2020

JOURNAL OF MEDICINAL PLANT RESEARCH, Committee Member, 2012 - 2015

Journal Of The Faculty Of Engineering And Architecture Of Gazi University, First Editor, 2010 - 2014

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## **Non Academic Experience**

Gazi Üniversitesi, Öğretim Üyesi