

## Assoc. Prof. GÖKMEN SIĞIRCIK

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: D-7862-2018

Yoksis Researcher ID: 115018

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2011 - 2017

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2008 - 2011

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 2004 - 2008

### Dissertations

Doctorate, Ni KATKILI ZnO, CdSe VE CdSe/ZnO FOTOAKTİF MALZEME GELİŞTİRİLMESİ, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2017

Postgraduate, İYONİK SIVIDA POLİSELENOFEN, POLİTİYOFEN SENTEZİ VE KARAKTERİZASYONU, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2011

### Research Areas

Chemistry, Physical Chemistry, Electrochemistry, Conductive Polymers, Thermodynamics, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2021 - Continues

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2017 - 2021

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2009 - 2017

### Academic and Administrative Experience

Deputy Head of Department, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2022 - Continues

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

- Protection of mild steel from corrosion in HCl solution via green Rumex acetosella extract: Experimental and theoretical studies**  
Arslanhan S., SIĞIRCIK G., Yıldız R., Baran M. F.

Materials Today Communications, vol.40, 2024 (SCI-Expanded)

- II. **The characterization of Ag-doped tin indium oxide/copper electrodes prepared by cold pressing method and their electrocatalytic efficiency in hydrogen production**  
Ateş S., Baran Aydın E., SIĞIRCIK G.  
Journal of Molecular Structure, vol.1305, 2024 (SCI-Expanded)
- III. **Enhanced photocatalytic activity in AgCu-decorated ZnO nanoparticles under UV and sunlight**  
Noua A. E., KAYA D., SIĞIRCIK G., TÜKEN T., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.18, 2024 (SCI-Expanded)
- IV. **Lavandula angustifolia Extract as a Green Corrosion Inhibitor for Protection of Mild Steel in HCl Acid Solution**  
Selim Arslanhan A., SIĞIRCIK G., Yıldız R., Baran M. F.  
Protection of Metals and Physical Chemistry of Surfaces, 2024 (SCI-Expanded)
- V. **The adsorption and inhibition efficiency of 2-amino-4-methoxy-6-methyl-1,3,5-triazine for corrosion of mild steel in hydrochloric acid solution**  
Ökten V., Yıldız R., Sığircık G.  
ANTI-CORROSION METHODS AND MATERIALS, vol.70, no.6, pp.350-360, 2023 (SCI-Expanded)
- VI. **Electrocatalytic hydrogen evolution on metallic and bimetallic Pd-Co alloy nanoparticles**  
Kaya D., Isik H. H., Isik İ., Sigircik G., Tuken T., Karadag F., Ekicibil A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.2, no.3, pp.1-2, 2023 (SCI-Expanded)
- VII. **Experimental and theoretical investigation of pyrazinecarboxamide against mild steel corrosion**  
Keleşoğlu A., Sığircık G., Yıldız R., Dehri İ.  
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.44, no.2, pp.329-341, 2023 (SCI-Expanded)
- VIII. **CuO-TiO<sub>2</sub> nanostructures prepared by chemical and electrochemical methods as photo electrode for hydrogen production**  
Aydın E. B., Ates S., SIĞIRCIK G.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.10, pp.6519-6534, 2022 (SCI-Expanded)
- IX. **Antimicrobial properties and corrosion behavior of TiO<sub>2</sub>-NTs electrodes modified with Ag and ZnO nanorod in simulated body fluid solution**  
Aydın E. B., SIĞIRCIK G., Takci H. A. M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1240, 2021 (SCI-Expanded)
- X. **Inhibition efficiency of pyrazinecarboxylic acid on mild steel in acidic environment**  
Kelesoglu A., SIĞIRCIK G., YILDIZ R., DEHRİ İ.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.35, no.13, pp.1426-1446, 2021 (SCI-Expanded)
- XI. **Electrochemical synthesis and characterization of ZnO/ZnSnanostructures for hydrogen production**  
SIĞIRCIK G., Aydın E. B.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.44, no.14, pp.11756-11771, 2020 (SCI-Expanded)
- XII. **ZnO/CuO hybrid films synthesized by sequential application of electrochemical and spin coating technique**  
Sığircık G., Tüken T.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.20, pp.17855-17871, 2020 (SCI-Expanded)
- XIII. **Investigation of 2,2'-diaminodiethyl disulfide for mild steel protection in acid solution**  
SIĞIRCIK G.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1212, 2020 (SCI-Expanded)
- XIV. **Preparations of different ZnO nanostructures on TiO<sub>2</sub> nanotube via electrochemical method and its application in hydrogen production**  
Aydın E. B., SIĞIRCIK G.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.23, pp.11488-11502, 2019 (SCI-Expanded)
- XV. **Inhibition effect of polyacrylic acid and its mixture with potassium iodide on mild steel corrosion in acid solution**  
Dehri İ., Sığircık G., Sarı A., Erbil M.

- Bulgarian Chemical Communications, vol.50, pp.60-67, 2018 (SCI-Expanded)
- XVI. **A New Inhibitor for Steel Rebar Corrosion in Concrete: Electrochemical and Theoretical Studies**  
BELLAL Y., KERAGHEL S., BENGHANEM F., LINDA T., SIĞIRCIK G., RIADH B., OURARI A.  
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.13, no.7, pp.7218-7245, 2018 (SCI-Expanded)
- XVII. **Synthesis and inhibitory effect of N,N'-bis(1-phenylethanol) ethylenediamine against steel corrosion in HCl Media**  
SIĞIRCIK G., YILDIRIM D., TÜKEN T.  
CORROSION SCIENCE, vol.120, pp.184-193, 2017 (SCI-Expanded)
- XVIII. **Thermoluminescence study of Mn doped lithium tetraborate powder and pellet samples synthesized by solution combustion synthesis**  
ÖZDEMİR A. C., YEĞİNGİL Z., Nur N., Kurt K., TÜKEN T., Depci T., TANSUĞ G., ALTUNAL V., GUCKAN V., SIĞIRCIK G., et al.  
JOURNAL OF LUMINESCENCE, vol.173, pp.149-158, 2016 (SCI-Expanded)
- XIX. **Assessment of the inhibition efficiency of 3,4-diaminobenzonitrile against the corrosion of steel**  
Siğircık G., Tüken T., Erbil M.  
CORROSION SCIENCE, vol.102, pp.437-445, 2016 (SCI-Expanded)
- XX. **Electrosynthesis of ZnO nanorods and nanotowers: Morphology and X-ray Absorption Near Edge Spectroscopy studies**  
Siğircık G., Erken O., Tüken T., Gümüş C., Ozkendir O. M., Ufuktepe Y.  
APPLIED SURFACE SCIENCE, vol.340, pp.1-8, 2015 (SCI-Expanded)
- XXI. **Methyl 3-((2-mercaptophenyl) imino) butanoate as an effective inhibitor against steel corrosion in HCl solution**  
TANSUĞ G., TÜKEN T., SIĞIRCIK G., FINDIKKIRAN G., Giray E. S., ERBİL M.  
IONICS, vol.21, no.5, pp.1461-1475, 2015 (SCI-Expanded)
- XXII. **Inhibition efficiency of aminobenzonitrile compounds on steel surface**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
APPLIED SURFACE SCIENCE, vol.324, pp.232-239, 2015 (SCI-Expanded)
- XXIII. **A new corrosion inhibitor for copper protection**  
TANSUĞ G., TÜKEN T., Giray E. S., Findikkiran G., SIĞIRCIK G., DEMİRKOL O., ERBİL M.  
CORROSION SCIENCE, vol.84, pp.21-29, 2014 (SCI-Expanded)
- XXIV. **A comparative study of polymer films on steel from ionic liquid and aqueous solution**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
MATERIALS CHEMISTRY AND PHYSICS, vol.138, pp.823-832, 2013 (SCI-Expanded)
- XXV. **Self assembled film based on hexane-1,6-diamine and 2-mercapto-ethanol on copper**  
TÜKEN T., Kicir N., Elalan N. T., SIĞIRCIK G., ERBİL M.  
APPLIED SURFACE SCIENCE, vol.258, no.18, pp.6793-6799, 2012 (SCI-Expanded)
- XXVI. **Inhibition effect of 1-ethyl-3-methylimidazolium dicyanamide against steel corrosion**  
TÜKEN T., Demir F., Kicir N., SIĞIRCIK G., ERBİL M.  
CORROSION SCIENCE, vol.59, pp.110-118, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Electrochemical Synthesis of CdSe and CdSe/ZnO Films: Morphological, Structural and Electronic Properties**  
SIĞIRCIK G., TÜKEN T.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.2, pp.555-568, 2022 (Peer-Reviewed Journal)
- II. **ATMOSPHERIC CORROSION BEHAVIOR OF HOT-DIP GALVANIZED AND CONTINUOUS GALVANIZED STEEL**  
SIĞIRCIK G., Yildirim O., TÜKEN T.  
ACTA METALLURGICA SLOVACA, vol.28, no.3, pp.117-126, 2022 (ESCI)

- III. **1-Benzil-3-Metilimidazolyum Hekzaflorofosfat'ın Asidik Ortamda C1010 Çeliğın Korozyonuna Etkisi**  
Sığırık G.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.34, no.4, pp.129-137, 2019 (Peer-Reviewed Journal)

## Books

I. **Deterioration of semiconducting materials: Photocorrosion**

Tüken T., Sığırık G., Erbil M.

in: Photoelectrocatalysis Fundamentals and Applications, Leonardo Palmisano, Sedat Yurdakal, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.421-440, 2023

## Papers Published in Refereed Scientific Meetings

- I. **Cut Edge Corrosion Performance of Continuous Galvanized Steel**  
TÜKEN T., Yıldırım Ö., SİĞIRCIK G.  
European Corrosion Congress (EUROCORR) 2021, 20 - 24 September 2021
- II. **(3-MERCAPTOPROPYL)TRIMETHOXYSILANE AS CORROSION INHIBITOR FOR MILD STEEL**  
SİĞIRCIK G.  
5. International Conference on Material Science and Technology (IMSTEC 2020), 16 - 18 October 2020, pp.262
- III. **The influence of (N,N-Dimethylaminopropyl)trimethoxysilane on mild steel corrosion**  
SİĞIRCIK G.  
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 7 - 09 October 2020, pp.179
- IV. **ZnO/CuO ELECTRODE for PHOTOCATALYTIC WATER SPLITTING**  
Sığırık G., Tüken T.  
3. International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology (IMSMATEC'20), Nevşehir, Turkey, 24 - 26 June 2020, pp.389
- V. **A Copper Oxide (CuO) Thin Films Deposited by Spray Pyrolysis Method**  
Bellal Y., Bouhank A., Serrar H., TÜKEN T., SİĞIRCIK G.  
International Conference on Materials Science and Manufacturing Engineering (MSME 2018), 8 - 10 November 2018
- VI. **A Copper Oxide (CuO) Thin Films Deposited by Spray Pyrolysis Method**  
Bellal Y., Bouhank A., Serrar H., TÜKEN T., SİĞIRCIK G.  
International Conference on Materials Science and Manufacturing Engineering (MSME), Paris, France, 8 - 10 November 2018, vol.253
- VII. **Inhibitor Effect of 1-Benzyl-3-Methylimidazolium Tetrafluoroborate on Mild Steel**  
SİĞIRCIK G.  
KORSEM'18 - XVth International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018, pp.259-265
- VIII. **NANOSTRUCTURED ZnO PREPARED BY SPIN COATING TECHNIQUE: OPTICAL AND STRUCTURAL PROPERTIES**  
SİĞIRCIK G., TÜKEN T.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017
- IX. **Preparation of TiO<sub>2</sub> Nanotube/ZnO Nanorod Via Electrochemical Method And Its Application In Hydrogen Production**  
Baran E., SİĞIRCIK G.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.19

- X. **Investigation of inhibition effect of sodium diethyldithiocarbamate for copper protection**  
 SIĞIRCIK G., Erbil M., DEHRİ İ.  
 ITWCCST 2017, Baku, Azerbaijan, 10 - 13 September 2017
- XI. **Investigation of Inhibition Effect of Sodium Diethyldithiocarbamate for Copper Protection**  
 SIĞIRCIK G., DEHRİ İ., ERBİL M.  
 3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 September 2017, pp.56
- XII. **Osł Study Of Lib3o5:nd, K, Cu, Na Samples Synthesized By Solid State Method**  
 ÖZDEMİR A., DEPCİ T., ALTUNAL V., GÜÇKAN V., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., YAN Y., et al.  
 3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XIII. **Investigation Of Optically Stimulate Luminescence Characteristics Of Lib3o5: Pr, K, Cu, Na Phosphor**  
 GÜÇKAN V., DEPCİ T., ALTUNAL V., ÖZDEMİR A., KURT K., NUR N., TÜKEN T., SIĞIRCIK G., TANSUĞ G., YAN Y., et al.  
 3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XIV. **A Preliminary Study Of Lib3o5:ce,k,cu,na Phosphor For Optically Stimulated Luminescence Dosimetry**  
 ALTUNAL V., DEPCİ T., ÖZDEMİR A., GÜÇKAN V., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., YAN Y., et al.  
 3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XV. **Investigation of OSL characteristics of LiB3O5:Pr, K, Cu, Na phosphor**  
 Güçkan V., DEPCİ T., Altunal V., Özdemir A., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
 3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, 10 - 12 May 2017
- XVI. **Determination Of Potential Use Of Li2B4o7:ag,tb For Dosimetry Purposes Using Osl Technique**  
 ÖZDEMİR A., GÜÇKAN V., ALTUNAL V., DEPCİ T., NUR N., KURT K., AKYOL M., TÜKEN T., HEREYTANI E., TANSUĞ G., et al.  
 3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XVII. **Determination of potential use of Li2B4O7:Ag,Tb for dosimetry purposes using OSL technique**  
 Özdemir A., Güçkan V., Altunal V., Depçi T., NUR N., KURT K., AKYOL M., TÜKEN T., Hereytani E. B., İflazoğlu S., et al.  
 3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Adana, Turkey, 10 - 12 May 2017, pp.154
- XVIII. **OSL study of LiB3O5: Nd, K,Cu,Na samples synthesized by Solid State Method**  
 Özdemir A., Depci T., ALTUNAL V., Güçkan V., Kurt K., Nur N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
 3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Adana, Turkey, 10 - 12 May 2017, pp.155
- XIX. **Preliminary study of LiB3O5:Ce, K, Cu, Na phosphor for OSL dosimetry**  
 ALTUNAL V., Depci T., Özdemir A., Güçkan V., Kurt K., Nur N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
 3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Adana, Turkey, 10 - 12 May 2017, pp.159
- XX. **Inhibition Efficiency of Polyacrylic Acid on Mild Steel Corrosion**  
 SIĞIRCIK G., Sarı A., ERBİL M., DEHRİ İ.  
 3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.34
- XXI. **Electrodeposition and Characterization of ZnTe on ITO Electrode**  
 SIĞIRCIK G., TÜKEN T.  
 1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.4562
- XXII. **Corrosion Protection of Copper in Simulated Cooling Water**  
 SIĞIRCIK G., TÜKEN T., ERBİL M.  
 European Corrosion Congress (EUROCORR) 2016, Montpellier, France, 11 - 15 September 2016
- XXIII. **Inhibition of brass corrosion urban rainwater**

- SIĞIRCIK G., TANSUĞ G., TÜKEN T.  
European Corrosion Congress, 11 - 15 September 2016
- XXIV. **Protection of Bronze Against Atmospheric Corrosion In Urban Air**  
TANSUĞ G., SIĞIRCIK G., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2016, Montpellier, France, 11 - 15 September 2016
- XXV. **Inhibition of Brass Corrosion in Urban Rainwater**  
SIĞIRCIK G., TANSUĞ G., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2016, 11 - 15 September 2016
- XXVI. **Thermoluminescence of Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu and Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu,B: a comparative study**  
Özdemir A., Depci T., Nur N., ALTUNAL V., Güçkan V., Kurt K., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Lawrence Y., et al.  
18th International Conference on Solid State Dosimetry, Münih, Germany, 3 - 08 July 2016
- XXVII. **Thermoluminescence of Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu and Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu,B : A comparative study**  
Özdemir A., Depçi T., NUR N., Altunal V., Güçkan V., KURT K., TÜKEN T., TANSUG G., SIGIRCIK G., Lawrence Y., et al.  
18th International Conference on Solid State Dosimetry, Munih, Germany, 3 - 08 July 2016, pp.403
- XXVIII. **SELF ASSEMBLED FILM OF THIOL COMPOUNDS ON BRONZE**  
TANSUĞ G., SIĞIRCIK G., TÜKEN T.  
EUROCORR 2015, Graz, Austria, 6 - 10 September 2015, pp.84
- XXIX. **Self Assembled Film of Thiol Compounds on Bronze**  
TANSUĞ G., SIĞIRCIK G., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2015, Graz, Austria, 6 - 10 September 2015
- XXX. **The synthesis and inhibition efficiency of 2-(2-aminoethylamino)-1- phenylethanol**  
SIĞIRCIK G., YILDIRIM D., TÜKEN T., ERBİL M.  
European Corrosion Congress (EUROCORR) 2015, Graz, Austria, 6 - 10 September 2015
- XXXI. **Thermoluminescence Properties of Doped Natural Amethyst Samples with Some of I-IV Group Elements**  
Güçkan V., Nur N., YEĞİNGİL Z., Veliyev C., Depci T., Koç V., Kurt K., Altunal V., Özdemir A., Kızılkaya N., et al.  
Lumidoz 9: The 9th International Conference on Luminescence and ESR Dosimetry, Antalya, Turkey, 2 - 04 September 2015, pp.75
- XXXII. **Intercomparison of OSL Dose Characteristics Obtained From BeO Nanophosphors Synthesized Using SOL-GEL and Polyacrylamide Methods**  
Altunal V., YEĞİNGİL Z., TÜKEN T., TANSUĞ G., Kurt K., Depci T., SIĞIRCIK G., Özdemir A., Güçkan V., Nur N., et al.  
Lumidoz 9: The 9th International Conference on Luminescence and ESR Dosimetry, Antalya, Turkey, 2 - 04 September 2015, pp.76
- XXXIII. **Thermoluminescence study of Mn doped lithium tetraborate powder and pellet samples synthesized by Solution Combustion Synthesis**  
Özdemir A., YEĞİNGİL Z., Nur N., Kurt K., TÜKEN T., Depci T., TANSUĞ G., Altunal V., Güçkan V., SIĞIRCIK G., et al.  
Lumidoz 9: The 9th International Conference on Luminescence and ESR Dosimetry, Antalya, Turkey, 2 - 04 September 2015, pp.39
- XXXIV. **Inhibitor for Galvanically Coupled Copper/Steel System**  
TANSUĞ G., TÜKEN T., SIĞIRCIK G., VAYISOĞLU GİRAY E. S., ERBİL M.  
European Corrosion Congress (EUROCORR) 2014, Pisa, Italy, 8 - 12 September 2014
- XXXV. **Inhibition Efficiency of 3,4-diaminobenzonitrile Against Steel Corrosion**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
European Corrosion Congress (EUROCORR) 2014, Pisa, Italy, 8 - 12 September 2014
- XXXVI. **Electrochemically Deposited ZnO Nanorods for Photocatalytic Oxidation**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
10th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 - 21 June 2014
- XXXVII. **Ni-doped ZnO Nanorod Synthesis and Investigation of Photocatalytic Efficiency**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
5th National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014, pp.422
- XXXVIII. **Electrochemical CdSe Synthesis and Photocatalytic Efficiency**

- SIĞIRCIK G., TÜKEN T., ERBİL M.  
5th National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014, pp.420
- XXXIX. **Inhibition Behaviour of Benzonitriles on Mild Steel in HCl Solution**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
European Corrosion Congress (EUROCORR) 2012, İstanbul, Turkey, 9 - 13 September 2012
- XL. **Şarj Olabilen Pillerde İletken Polimerlerin Uygulaması**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 21 - 22 October 2011, pp.712-722
- XLI. **The Corrosion Resistance of Coatings Synthesized from Condensation of Methylene Diisocyanate and Oleilamine**  
Çetin İ., Elalan N., SIĞIRCIK G., Kıcır N., TÜKEN T., ERBİL M.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.175
- XLII. **Electrochemistry of Polypyrrole Films Synthesized from Ionic Liquid and Aqueous Environment**  
TÜKEN T., SIĞIRCIK G., ERBİL M.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.59
- XLIII. **Inhibition Effect of 1-ethyl-3-methylimidazolium Dicyanamide on Steel**  
Kıcır N., Demir F., SIĞIRCIK G., Elalan N., Çetin İ., TÜKEN T., ERBİL M.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.153
- XLIV. **Electrochemistry of Polythiophene Films Deposited in Different Environment**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.254
- XLV. **Hexamethylene Diamine Based Inhibitor Mixture for Copper**  
Elalan N., Kıcır N., SIĞIRCIK G., Çetin İ., TÜKEN T., ERBİL M.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.167
- XLVI. **İyonik Sıvıda Sentezlenen Polipirol Kaplamanın Korozyona Karşı Etkinliği**  
SIĞIRCIK G., Hoplamaz E., TÜKEN T., ERBİL M.  
XII. Uluslararası Korozyon Sempozyumu, Eskişehir, Turkey, 6 - 09 October 2010, pp.155-162

## Supported Projects

- TÜKEN T., SIĞIRCIK G., Project Supported by Higher Education Institutions, Spin Kaplama Tekniği ile ZnO Film Sentezi, 2016 - 2020
- DEHRİ İ., SARI A., SIĞIRCIK G., Project Supported by Higher Education Institutions, Yumuşak çeliğin 0,5 M HCl çözeltisindeki korozyonuna poli akrilik asidin inhibitör etkisinin araştırılması, 2017 - 2019
- TÜKEN T., KICIR N., SIĞIRCIK G., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (Yayın Teşvik-3 Adet), 2016 - 2018
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