

## **Personal Information**

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**Post Address:** Kocaeli Üniversitesi Fen Edebiyat Fakültesi Kimya Bölümü, Umuttepe/Kocaeli

## **Education Information**

Doctorate, Cukurova University, Turkey 1991 - 1996

Post Graduate, Cukurova University, Turkey 1988 - 1991

Under Graduate, Cukurova University, Turkey 1984 - 1988

## **Dissertations**

Doctorate, Makromoleküllerin elektrooksidasyonla parçalanması ve yöntemin deterjan kirliliğinin giderilmesi amacıyla uygulanabilirliğinin araştırılması, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1996

Post Graduate, Yüze aktif maddelerin demir ve alüminyum gibi metalik malzemeler üzerindeki korozif etkisi, Cukurova University, 1991

## **Research Areas**

Chemistry, Physical Chemistry, Electrochemistry, Conductive Polymers, nanocomposites, Characterization of Polymers, Polymeric Adsorbents, Natural Sciences

## **Academic Titles / Tasks**

Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - Continues

Associate Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2005 - 2011

Assistant Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1997 - 2005

## **Professional Experience**

Birim Kalite Komisyonu Başkanı, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2018 - Continues

Head of Department, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2016 - Continues

Fakülte Yönetim Kurulu Üyesi, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2012 - Continues

Fakülte Kurulu Üyesi, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2012 - Continues

Rektörlük Kalite Komisyonu Üyesi, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2015 - 2019

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2015 - 2019

Meslek Yüksekokulu Akademik Kurul Üyesi, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2015 - 2019

Member of the Senate, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2015 - 2019

Director of Vocational School, Kocaeli Üniversitesi, Arslanbey Meslek Yüksekokulu, 2015 - 2019

Head of Department, Kocaeli Üniversitesi, Arslanbey Meslek Yüksekokulu, Pazarlama Ve Reklamcılık Bölümü, 2015 - 2019

Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2012 - 2015

Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2009 - 2010

## Courses

Genel Kimya, Under Graduate, 2003 - 2004

## Advising Theses

- Zor S., PANI/nanometal oksit kompozitlerin elektrokimyasal olarak 304 L çelik yüzeyine kaplanması ve korozyon davranışlarının incelenmesi, Post Graduate, B.Bozkurt(Student), 2019
- Zor S., Saf PANI, PANI/ZnO ve PANI/ZrO<sub>2</sub> polimerik nanokompozitlerinin sentezi, karakterizasyonu ve boyar madde gideriminde fotokatalitik etkinin araştırılması, Post Graduate, B.Budak(Student), 2018
- Zor S., Panı-epoksi ve panı-epoksi-nano metal oksit polimerik kompozitlerinin kimyasal olarak sentezi, karakterizasyonu ve çelik korozyonuna etkisinin araştırılması, Post Graduate, N.İlmieva(Student), 2017
- Zor S., Klorürlü çözeltilerde çelik korozyonu üzerine Amit ve Türevlerinin İnhibisyon Etkilerinin Araştırılması, Post Graduate, E.Ayşe(Student), 2013
- Zor S., Polianilin ve Polipirol'ün katyon katkılama ile farklı metaller üzerine elektrokimyasal sentezi ve Anti korozif özelliklerinin incelenmesi , Doctorate, H.Özkazanç(Student), 2012
- Zor S., Elektropolimerizasyon yöntemiyle polipirol ve anilin kaplanmış alüminyumun korozyonunun önlenmesinde farklı anyonların etkileri, Post Graduate, E.Yakar(Student), 2006
- Zor S., Farklı sıcaklıklarda Demir ve Alüminyumun Asidik Korozyonuna Sodyum Dodesil Benzen Sülfonatin İnhibisyon Etkisinin Araştırılması, Post Graduate, P.Doğan(Student), 2004
- Zor S., Monovinil-Divinilbenzen Serbest Radikal Kopolimerizasyonunun Jelleşme Öncesi ve Sonrası Kinetik Simulasyonu, Post Graduate, Z.Acır(Student), 1999

## Jury Memberships

- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, December, 2019
- Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, November, 2019
- Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, November, 2019
- Appointment Academic Staff, Appointment Academic Staff, Gebze Teknik Üniversitesi, October, 2019
- Appointment Academic Staff, Appointment Academic Staff, Düzce Üniversitesi, September, 2019
- Doctorate, Doctorate, Çukurova Üniversitesi, November, 2018
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2017
- Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, February, 2010
- Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2009

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Corrosion behavior of PANI/epoxy/nano SnO<sub>2</sub> polymeric nanocomposite coated stainless steel in 3.5 NaCl**  
ZOR S., İLMİEVA N.  
Polymer Composites, vol.39, pp.2415-2425, 2018 (Journal Indexed in SCI)
- **Photocatalytic activities of polyaniline-modified TiO<sub>2</sub> and ZnO under visible light: an experimental and modeling study**  
Özbay B., Genç N., Özbay İ., Baghacı B., Zor S.  
Clean Technologies and Environmental Policy, vol.18, pp.2591-2601, 2016 (Journal Indexed in SCI)
- **Experimental and theoretical evaluation of the inhibition properties of ketoprofen for the corrosion of a copper surface in hydrochloric acid**  
KAYADİBİ F., ZOR S., Sıgdınc S.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.52, pp.356-371, 2016 (Journal Indexed in SCI)

Indexed in SCI)

- **Structural and electrochemical characterization of Zn-TiO<sub>2</sub> and Zn-WO<sub>3</sub> nanocomposite coatings electrodeposited on St 37 steel**  
ERTEN U., UNAL H. I. , ZOR S., ATAPEK Ş. H.  
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.45, pp.991-1003, 2015 (Journal Indexed in SCI)
- **Effect of Ni-Co alloy coating on corrosion behavior of 0.8% C steel**  
ÜNAL H. İ. , Zor S., Erten U., Gokergil H. M.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.51, pp.600-606, 2015 (Journal Indexed in SCI)
- **Investigation of the effect of physical conditions of a coating bath on the corrosion behavior of zinc coating using response surface methodology**  
Zor S., Erten U., Bingöl D.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.51, pp.304-309, 2015 (Journal Indexed in SCI)
- **Sulfathiazole as potential corrosion inhibitor for copper in 0.1 M NaCl**  
Zor S.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.50, pp.530-537, 2014 (Journal Indexed in SCI)
- **Investigation of corrosion and mechanical properties of Al-Cu-SiC-xNi composite alloys**  
Karakulak E., YAMANOĞLU R., Erten U., ZEREN A., ZOR S., ZEREN M.  
MATERIALS & DESIGN, vol.59, pp.33-37, 2014 (Journal Indexed in SCI)
- **Experimental and Theoretical Study of Sulfathiazole as Environmentally Friendly Inhibitor on Aluminum Corrosion in NaCl**  
ZOR S., Sagdinc S.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.50, pp.244-253, 2014 (Journal Indexed in SCI)
- **Corrosion behavior of Zn and Ni coated carbon steels in 3% NaCl**  
Unal H. I. , ZOR S., Gokergil H. M.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.49, pp.591-596, 2013 (Journal Indexed in SCI)
- **Preparation and characterization of polypyrrole/selenium composites**  
ÖZKAZANÇ E., ZOR S., ÖZKAZANÇ H., GÜMÜŞ S.  
POLYMER ENGINEERING AND SCIENCE, vol.53, pp.1131-1137, 2013 (Journal Indexed in SCI)
- **Optimization of the Experimental Variables Influencing the Corrosion Rate of Aluminum Using Response Surface Methodology**  
BİNGÖL D., ZOR S.  
CORROSION, vol.69, pp.462-467, 2013 (Journal Indexed in SCI)
- **Electrochemical Synthesis of Polypyrrole PPy and PPy Metal Composites on Copper Electrode and Investigation of Their Anticorrosive Properties**  
ÖZKAZANÇ H., ZOR S.  
Progress In Organic Coatings, vol.76, pp.720-728, 2013 (Journal Indexed in SCI Expanded)
- **Electrochemical synthesis of polypyrrole (PPy) and PPy vertical bar metal composites on copper electrode and investigation of their anticorrosive properties**  
ÖZKAZANÇ H., ZOR S.  
PROGRESS IN ORGANIC COATINGS, vol.76, pp.720-728, 2013 (Journal Indexed in SCI)
- **Effect of tempering temperature and microstructure on the corrosion behavior of a tempered steel**  
ATAPEK Ş. H. , POLAT Ş., ZOR S.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.49, pp.240-246, 2013 (Journal Indexed in SCI)
- **Analysis of adsorption of reactive azo dye onto CuCl<sub>2</sub> doped polyaniline using Box-Behnken design approach**  
BİNGÖL D., VELİ S., ZOR S., ÖZDEMİR U.  
SYNTHETIC METALS, vol.162, pp.1566-1571, 2012 (Journal Indexed in SCI)

- **Effect of titanium addition on corrosion properties of Al-Si eutectic alloys**  
Zor S., Zeren M., Özkazanç H., Karakulak E.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.48, pp.568-571, 2012 (Journal Indexed in SCI)
- **Synthesis, characterization and dielectric behavior of (ES)-form polyaniline/cerium(III)-nitrate-hexahydrate composites**  
ÖZKAZANÇ E., ZOR S., ÖZKAZANÇ H., GÜNEY H. Y. , ABACI U.  
MATERIALS CHEMISTRY AND PHYSICS, vol.133, pp.356-362, 2012 (Journal Indexed in SCI)
- **The Influence of Artificial Saliva on Niti Orthodontic Wires A Study On Surface Characterization**  
ÜNAL H. İ. , ZOR S., ATAPEK Ş. H.  
Materials Science, vol.47, pp.830-837, 2012 (Journal Indexed in SCI)
- **Synthesis, Characterization, and AC Conductivity of Polyaniline/Selenium Composites**  
ÖZKAZANÇ E., ZOR S., ÖZKAZANÇ H.  
JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS, vol.51, pp.2122-2132, 2012 (Journal Indexed in SCI)
- **Investigation of Corrosion Behaviors in Chloride Solutions of GX 10CrNiMoNb 1810 Austenitic Stainless Steel Produced by Different Casting Techniques**  
ZOR S., ZEREN M., ÇAPAN L. J. , TÜRKER M.  
Protection Of Metals And Physical Chemistry Of Surfaces, vol.2, pp.270-274, 2012 (Journal Indexed in SCI)
- **Influence of artificial saliva on NiTi orthodontic wires: A study on the surface characterization**  
Ünal I., ZOR S., Atapek H.  
Materials Science, vol.47, pp.830-837, 2012 (Journal Indexed in SCI)
- **Modeling adsorption of sodium dodecyl benzene sulfonate (SDBS) onto polyaniline (PANI) by using multi linear regression and artificial neural networks**  
ÖZDEMİR U., ÖZBAY B., VELİ S., ZOR S.  
CHEMICAL ENGINEERING JOURNAL, vol.178, pp.183-190, 2011 (Journal Indexed in SCI)
- **Inhibition Effects of Amides on the Corrosion of Copper in 1.0 M HCl: Theoretical and Experimental Studies**  
ZOR S., SARAÇOĞLU M., KANDEMİRLİ F., Arslan T.  
CORROSION, vol.67, 2011 (Journal Indexed in SCI)
- **Investigation of corrosion behavior of silver coated brass in acidic solutions**  
ZOR S., Unal H. I. , Gokergil H. M.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.47, pp.813-820, 2011 (Journal Indexed in SCI)
- **Electrical Properties of Polyaniline-Manganese Chloride Composites**  
ÖZKAZANÇ E., ZOR S., ÖZKAZANÇ H., ABACI U.  
POLYMER ENGINEERING AND SCIENCE, vol.51, pp.617-623, 2011 (Journal Indexed in SCI)
- **Structural and Dielectric Properties of CuCl<sub>2</sub> and ZnCl<sub>2</sub> Doped Polyaniline**  
ÖZKAZANÇ E., ZOR S., ÖZKAZANÇ H.  
POLYMER COMPOSITES, vol.31, pp.1862-1868, 2010 (Journal Indexed in SCI)
- **The inhibition effect of amides on aluminium corrosion in chloride solutions**  
Zor S., Özkazanç H.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.46, pp.727-733, 2010 (Journal Indexed in SCI)
- **Inhibition Effects of 4-Phenyl-3-Thiosemicarbazide on the Corrosion of Aluminum in 0.1 M HCl: Theoretical and Experimental Studies**  
ZOR S., ÖZKAZANÇ H., Arslan T., Kandemirli F.  
CORROSION, vol.66, 2010 (Journal Indexed in SCI)
- **Inhibition Effects of 4 Phenyl 3 Thiosemicarbazide on the Corrosion of Aluminum in 0 1 M HCl Theoretical and Experimental Studies**  
Zor S., Özkazanç H., Arslan T., Kandemirli F.  
Corrosion, vol.66, pp.45006, 2010 (Journal Indexed in SCI Expanded)
- **Effect of Cu content on the corrosion of Al-Si eutectic alloys in acidic solutions**

ZOR S., ZEREN M., ÖZKAZANÇ H., Karakulak E.

ANTI-CORROSION METHODS AND MATERIALS, vol.57, pp.185-191, 2010 (Journal Indexed in SCI)

- **Electrochemical synthesis of polypyrrole on aluminium in different anions and corrosion protection of aluminium**

ZOR S., KANDEMİRLİ F., Yakar E., ARSLAN T.

PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.46, pp.110-116, 2010 (Journal Indexed in SCI)

- **Corrosion behavior of G-X CrNiMoNb 18-10 austenitic stainless steel in acidic solutions**

ZOR S., Soncu M., Capana L.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.480, pp.885-888, 2009 (Journal Indexed in SCI)

- **Inhibition Effects of Methionine and Tyrosine on Corrosion of Iron in HCl Solution: Electrochemical, FTIR, and Quantum-Chemical Study**

ZOR S., KANDEMİRLİ F., BİNGÜL M.

PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.45, pp.46-53, 2009 (Journal Indexed in SCI)

- **Effect of ethylene diaminetetraacetic acid on the corrosion of aluminum in chloride solutions**

ZOR S., ÖZKAZANÇ H., BİNGÜL M.

MATERIALS SCIENCE, vol.44, pp.850-856, 2008 (Journal Indexed in SCI)

- **Electrodeposition of polypyrrole on aluminium in oxalic acid**

ZOR S., Yakar E.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.30, pp.196-202, 2008 (Journal Indexed in SCI)

- **The effect of pH on adsorption of linear alkyl benzene sulphonate by bentonite**

Saglam H. B. , ESMER K., TARCAN E., ZOR S.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1643-1647, 2007 (Journal Indexed in SCI)

- **Inhibition effects of LAB and LABS on iron corrosion in chlorine solutions at different temperatures**

Zor S., YAZICI B., Erbil M.

CORROSION SCIENCE, vol.47, pp.2700-2710, 2005 (Journal Indexed in SCI)

- **Inhibition of acidic corrosion of iron and aluminium by SDBS at different temperatures**

Zor S., Doğan P., Yazıcı B.

CORROSION REVIEWS, vol.23, pp.217-232, 2005 (Journal Indexed in SCI)

- **Investigation of the adsorption of anionic surfactants at different pH values by means of active carbon and the kinetics of adsorption**

Zor S.

JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.69, pp.25-32, 2004 (Journal Indexed in SCI)

- **Inhibition effect of dodecyl benzene sulfonate (DBS) on corrosion of iron and aluminum in acidic solutions by weight loss method**

ZOR S., DOĞAN P.

CORROSION REVIEWS, vol.22, pp.209-217, 2004 (Journal Indexed in SCI)

- **The effects of benzoic acid in chloride solutions on the corrosion of iron and aluminum**

ZOR S.

TURKISH JOURNAL OF CHEMISTRY, vol.26, pp.403-408, 2002 (Journal Indexed in SCI)

- **The effects of detergent pollution on the corrosion of iron and aluminium**

ZOR S., YAZICI B., Erbil M.

TURKISH JOURNAL OF CHEMISTRY, vol.23, pp.393-400, 1999 (Journal Indexed in SCI)

- **Swelling behavior of anionic acrylamide-based hydrogels in aqueous salt solutions: Comparison of experiment with theory**

Okay O., Sarişik S. B. , ZOR S.

Journal of Applied Polymer Science, vol.70, pp.567-575, 1998 (Journal Indexed in SCI Expanded)

- **Effect of thiourea on the hydrogen yield in electrolysis**

YAZICI B., ARSLAN G., Erbil M., ZOR S.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.23, pp.867-872, 1998 (Journal Indexed in SCI)

- **The electrochemical degradation of linearalkylbenzenesulfonate (LAS) on platinum electrode**

Zor S., Yazıcı B., Erbil M., Galip H.

## Articles Published in Other Journals

- **PANI/ NiO ve PANI/TiO<sub>2</sub> KOMPOZİTLERİNELEKTROKİMYASAL OLARAK L304 ÇELİK YÜZEYİNE KAPLANMASI VE KOROZYON DAVRANIŞLARININ İNCELENMESİ**  
Zor S., Bozkurt B.  
Korozyon, vol.25, pp.40-49, 2018
- **PANI/EPOKSİ VE PANI/ZnO/EPOKSİ POLİMERİK KOMPOZİTLERİN SENTEZİ KARAKTERİZASYONU VE L304 ÇELİK ÜZERİNDEKİ KOROZYON DAVRANIŞLARININ İNCELENMESİ**  
ZOR S., İLMİEVA N.  
Technological Applied Science, vol.12, pp.95-104, 2017
- **Polianilin PANi ve PANi Metal Cu Ni Kompozitlerinin Bakır Üzerine Elektrokimyasal Sentezi ve Antikorozif Özelliklerinin İncelenmesi**  
ZOR S., ÖZKAZANÇ H.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, pp.59-66, 2012 (Other Refereed National Journals)
- **Al Si Ötektik Alaşımlarına Cu İlavesinin Etkisi**  
ZEREN M., ZOR S., KARAKULAK E., ÖZKAZANÇ H.  
Metal Dünyası, vol.191, pp.93-95, 2009 (Other Refereed National Journals)
- **Al Si Ötektik Alaşımlarının Korozyon Özelliklerine Titanyum İlavesinin Etkisi**  
ZOR S., ZEREN M., ÖZKAZANÇ H., KARAKULAK E.  
Metal Dünyası, vol.183, pp.105-107, 2008 (Other Refereed National Journals)
- **Corrosion behavior of PANI coated aluminum in oxalic acid containing different anions**  
ZOR S., ELEM Y.  
Bulletin Of Electrochemistry, vol.0, pp.149-153, 2007
- **Corrosion protection of iron in chlorine media by NH<sub>4</sub>NO<sub>3</sub> and Na<sub>2</sub>CrO<sub>4</sub> mixtures**  
ZOR S., ELEM Y.  
Materials Science, vol.43, pp.282-124, 2007 (Refereed Journals of Other Institutions)
- **Removal of linearalkylbenzenesulphonate LAS from aqueous solutions by electrocoagulation**  
ZOR S., YAZICI B., MEHMET E.  
Bulletin Of Electrochemistry, vol.0, pp.241-248, 2006 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **Modeling of the Adsorption Process of Industrial Laundry Wastewaters with the Sunflower Seeds-Pyrrole-FeCl<sub>3</sub> Composite**  
VELİ S., İŞGÖREN M., ARSLAN A., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., BELAT B., ZEYBEK Ş., ZOR S., DİMOĞLO A.  
2nd International Conferences on Science and Technology (ICONST'xx19), Prizren, Serbia And Montenegro, 26 - 30 Ağustos 2019, pp.181-190
- **PREPARATION OF PANI AND PANI / ZnO POLYMERIC NANOCOMPOSITES, CHARACTERIZATION AND USE IN THE PHOTOCATALYTIC DEGRADATION OF CONGO RED DYE**  
ZOR S., Budak B.  
1st Eurasia Environmental Chemistry Congress, 1 - 04 Kasım 2018
- **Preparation of PANI and PANI/ZrO<sub>2</sub> Polymeric Nanocomposites, Characterization and Use in the Photocatalytic Degradation of Congo Red Dye**  
ZOR S., Budak B.  
1st Eurasia Environmental Chemistry Congress, 1 - 04 Kasım 2018
- **BENZAMİD VE TİYOASETAMİD' İN ÇELİK KOROZYONU ÜZERİNDEKİ İNHİBİSYONU VE YOĞUNLUK FONKSİYONEL TEORİSİ ÜZERİNE KUANTUM KİMYASAL ÇALIŞMALARI**  
GÜNEŞDOĞDU SAĞDINÇ S., ZOR S., YILDIZ E. A.  
XV. International Corrosion Symposium, 26 - 28 September 2018

- Evaluation of Reaction Variables in the Adsorption Process of Industrial Laundry Wastewaters with the Rice Husk Shell-PAN(K2S2O8) Composite by Response Surface Methodology**  
 VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., ZEYBEK Ş., ZOR S., DİMOGLO A.  
 International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 Kasım 2018, vol.1, pp.862-873
- Synthesis of Waste Shells/Pyrrole-FeCl<sub>3</sub> Composite and Application in Treatment of Industrial Laundry Wastewater**  
 VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., ZEYBEK Ş., ZOR S., DİMOGLO A.  
 International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 Kasım 2018, vol.1, pp.833-842
- Synthesis of Waste Shells/Pyrrole-FeCl<sub>3</sub> Composites and Application in Treatment of Industrial Laundry Wastewater**  
 VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., Gülümser Ç., Kurtkulak H., Zeybek Ş., ZOR S., DİMOGLO A.  
 Congress on Engineering and Architecture (ENAR-2018), Alanya, Turkey, 14 - 16 Kasım 2018, pp.804-813
- KLORÜRLÜ ÇÖZELTİLERDE DEMİR YÜZEYİNDEKİ KROMAT İNHİBİSYONUNA AMONYUM NİTRATIN ETKİSİ**  
 ZOR S.  
 III.Uluslararası Mesleki ve Teknik Bilimler Kongresi, 21 - 22 June 2018
- AN EXPERIMENTAL STUDY ON INHIBITION EFFECT OF ASPIRIN ON COPPER IN 0.5 M HYDROCHLORIC ACID SOLUTION**  
 GÜNEŞDOĞDU SAĞDINÇ S., KAYADİBİ F., ZOR S.  
 2nd INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE AND TECHNOLOGY, 11 - 13 October 2017, pp.755
- Applicability of Metal Oxide Supported Polymeric Catalysts to Catalytic Wet Air Oxidation**  
 VELİ S., İŞGÖREN M., ARSLAN A., GEÇİLİ A., ZOR S.  
 2ND INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Nevşehir, Turkey, 8 - 10 Mayıs 2017
- Synthesis and usage of PANI/ZnO, PANI/TiO<sub>2</sub>, PANI/(TiO<sub>2</sub>ZnO) olymer Composites for the treatment of wastewaters having high organic pollution**  
 ZOR S., VELİ S., İSGOREN M., ARSLAN A., OZTURK F., KAYMAKCI B.  
 The International Conference on Civil and Environmental Engineering, 8 - 10 Mayıs 2017, pp.576-583
- Removal of Linear Alkyl Benzene Sulphonic Acid in aqueous solution by ozone and photocatalytic processes**  
 ARSLAN A., TOPKAYA E., VELİ S., ZOR S.  
 The International Conference on Civil and Environmental Engineering, 8 - 10 Mayıs 2017, pp.3565-3574
- Synthesis and Usage of PANI/ZnO, PANI/TiO<sub>2</sub>, PANI/(TiO<sub>2</sub>ZnO) Polymer Composites for the Treatment of Wastewaters Having High Organic Pollution**  
 ZOR S., VELİ S., İŞGÖREN M., ARSLAN A., ÖZTÜRK F., KAYMAKÇI B.  
 2nd International Conference on Civil and Environmental Engineering (ICOCEE-2017), Nevşehir, Turkey, 8 - 10 Mayıs 2017, vol.1, pp.576-585
- Removal of Linear Alkyl Benzene Sulphonic Acid in Aqueous Solution by Ozone and Photocatalytic Ozone Processes**  
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- **The Inhibition Effect of Amides on Aluminum Corrosion in 0.1 M NaCl**

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8th International Electrochemistry Meeting, Antalya, Turkey, 8 - 11 October 2009, pp.64

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## Supported Projects

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ZOR S., Project Supported by Higher Education Institutions, PANI/NANOMETAL OKSİT KOMPOZİTLERİN ELEKTROKİMYASAL OLARAK ÇELİK YÜZEYİNE KAPLANMASI VE KOROZYON DAVRANIŞININ İNCELENMESİ, 2018 - 2018

ZOR S., Project Supported by Higher Education Institutions, LİSANS EĞİTİMİ İÇİN KİMYA BÖLÜMÜ ÖĞRENCİ LABORATUVARLARI ALTYAPISININ YENİLENMESİ, 2017 - 2018

ZOR S., Project Supported by Higher Education Institutions, STEROİD İÇEREN BİYOBOZUNUR POLİMERLERİN FLORESANS ÇALIŞMALARI, 2016 - 2017

ZOR S., Project Supported by Higher Education Institutions, Polimerik iletken nanokompozitlerin Sentezlenerek Fotokatalitik Etkisinin incelenmesi., 2014 - 2016

ZOR S., Project Supported by Higher Education Institutions, Çelik korozyonunun önlenmesinde çinko/nanometal oksit kompozit kaplamaların elektrokimyasal olarak eldesi ve karakterizasyonu, 2013 - 2015

ZOR S., Project Supported by Higher Education Institutions, WO<sub>3</sub> VE TiO<sub>2</sub> NANO PATİKÜL İÇEREN Zn İLE KAPLANMIŞ St 37 ÇELİĞİNİN KOROZYON DAVRANIŞI, 2014 - 2014

ZOR S., Project Supported by Higher Education Institutions, Polianilin ve Polipirol'ün Katyon Katkılama ile Farklı Metaller üzerine Elektrokimyasal Sentezi ve Antikorozyif Özelliklerinin İncelenmesi (Hatice ÖZKAZANÇ Tez Projesi), 2010 - 2012

## Scientific, Association Organizations and Organizations Membership / Tasks

Member, 1998 - Continues

Member, 1995 - Continues

## Attended Scientific Meetings

XV. Korozyon Sempozyumu, Hatay, September, 2018

Effect of nano composite coating on the corrosion behavior of St 37 steel ", Ümran Erten , Sibel Zor , H. İbrahim Ünal , Ş.

Hakan Atapek ,VI th metallurgical conference, Ohrid, June, 2014

## Scientific Refereeing

CORROSION SCIENCE, SCI Journal, July 2018

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, July 2018

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, June 2018

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, April 2006

## Invited Congress and Symposium Activities

XV. Korozyon Sempozyumu, Attendee, Hatay, Turkey, 2018 - 2018

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