

Assoc. Prof. GÖZDE TANSUĞ

Personal Information

Office Phone: [+90 322 613 7311](tel:+903226137311) Extension: 25

Email: gtansug@cu.edu.tr

Web: <https://avesis.cu.edu.tr//gtansug>

International Researcher IDs

ORCID: 0000-0003-2491-3413

Publons / Web Of Science ResearcherID: E-7507-2018

Yoksis Researcher ID: 103891

Education Information

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

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 2002 - 2004

Undergraduate, Ege University, Faculty Of Engineering, Kimya Mühendisliği, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Protection against bio-tribocorrosion in industry, International IRSES Training School on Bio-Tribocorrosion/Ecole Centrale Paris, 2013

Dissertations

Doctorate, Elektrokimyasal olarak oluşturulacak polipirol(PPy), poli N-metil pirol (PmPy) ve PPy/PmPy filmlerinin demirli malzemelerin korozyon davranışları üzerindeki etkilerinin araştırılması, Cukurova University, Fen Edebiyat Fakültesi, Kimya/Fizikokimya, 2008

Postgraduate, Epoksi boyaların ve elektrokimyasal kaplamaların (PANI ve PPy) karbon celiginin klorürlü/sulfatli ortamlarda korozyon davranislari, Cukurova University, Fen Edebiyat Fakültesi, Kimya/Fizikokimya, 2004

Research Areas

Chemistry, Physical Chemistry, Electrochemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Cukurova University, Ceyhan Mühendislik Fakültesi, Kimya Mühendisliği, 2018 - Continues

Assistant Professor, Cukurova University, Ceyhan Mühendislik Fakültesi, Kimya Mühendisliği, 2013 - 2018

Academic and Administrative Experience

Cukurova University, Ceyhan Mühendislik Fakültesi, Kimya Mühendisliği, 2014 - Continues

Courses

Fizikokimya, Undergraduate, 2017 - 2018
Termodinamik, Undergraduate, 2017 - 2018
Materials Science, Undergraduate, 2016 - 2017
Malzeme Bilimi, Undergraduate, 2017 - 2018
Mühendisler İçin Kimya, Undergraduate, 2017 - 2018
Kimya 1, Undergraduate, 2016 - 2017
Materials Science, Undergraduate, 2015 - 2016
Engineering Thermodynamics, Undergraduate, 2015 - 2016
Mühendisler için Kimya, Undergraduate, 2015 - 2016
Heat and Mass Balance, Undergraduate, 2015 - 2016
Malzeme Teknolojileri II, Associate Degree, 2013 - 2014

Jury Memberships

Post Graduate, Tez Savunma Jürisi, Mersin Üniversitesi, June, 2018
Post Graduate, Tez Savunma Jürisi, Mersin Üniversitesi, June, 2018
Post Graduate, Tez Savunma Jürisi, Mersin Üniversitesi, June, 2018
Post Graduate, Tez Savunma Jürisi, Mersin Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergistic inhibition effect between 4-amino-5-methyl-4H-1,2,4-triazole-3-thiol, citrate ions and polycarboxylate for corrosion protection of C1010 steel in cooling water system**
TANSUĞ G.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.31, no.18, pp.2053-2070, 2017 (SCI-Expanded)
- II. **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)
- III. **Investigation of ammonium (2,4-dimethylphenyl)-dithiocarbamate as a new, effective corrosion inhibitor for mild steel**
KICIR N., TANSUĞ G., ERBİL M., TÜKEN T.
CORROSION SCIENCE, vol.105, pp.88-99, 2016 (SCI-Expanded)
- IV. **Synthesis and application of phenylcarbomodithioate compound for steel protection**
TANSUĞ G., KICIR N., DEMİRKOL O., Giray E. S., TÜKEN T.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.30, no.18, pp.1984-2000, 2016 (SCI-Expanded)
- V. **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)
- VI. **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)

VII. **Investigation of 2-aminoethanethiol as corrosion inhibitor for steel using response surface methodology (RSM)**

TANSUĞ G., TÜKEN T., KICIR N., ERBİL M.
IONICS, vol.20, no.2, pp.287-294, 2014 (SCI-Expanded)

VIII. **Poly(N-methyl pyrrole) and its copolymer with pyrrole for mild steel protection**

Tuken T., Tansug G., Yazici B., Erbil M.
SURFACE & COATINGS TECHNOLOGY, vol.202, no.1, pp.146-154, 2007 (SCI-Expanded)

IX. **Mild steel protection with epoxy top coated polypyrrole and polyaniline in 3.5% NaCl**

Tansug G., Tuken T., Ozyilmaz A. T., Erbil M., Yazici B.
CURRENT APPLIED PHYSICS, vol.7, no.4, pp.440-445, 2007 (SCI-Expanded)

X. **Polypyrrole films modified with graphite layer on mild steel**

Tuken T., Tansug G., Yazici B., Erbil M.
PROGRESS IN ORGANIC COATINGS, vol.59, no.1, pp.88-94, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Bronz Yapıtların Atmosferik Korozyonunda Hava Kirliliklerinin Etkisi ve İnhibitörle Korunması**
TANSUĞ G.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.401-414, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Organic Corrosion Inhibitors and Industrial Applications**
TANSUĞ G., TÜKEN T.
in: Corrosion Inhibitors Principles Mechanisms and Applications, Esther Hart, Editor, Nova Science Publishers, New York, pp.1-26, 2017
- II. **Organic Corrosion Inhibitors and Industrial Applications**
TANSUĞ G., TÜKEN T.
in: Corrosion Inhibitors: Principles, Mechanisms and Applications, Hart E, Editor, NOVA Publications , Hauppauge Ny, pp.1-25, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **3-Amino-5-Metiltiyol-1H-1,2,4-Triazol Ve Sodyum Tungstatın 304 Çeliğinin 3 NaCl Çözeltisinde Çukurcuk Korozyonuna İnhibisyon Etkisi**
TANSUĞ G.
30. Ulusal Kimya Kongresi, Turkey, 5 - 08 November 2018
- II. **%3 NaCl ÇÖZELTİSİNDE 304 ÇELİĞİNİN ÇUKURCUK KOROZYONUNA KARŞI 3-AMİNO-5-METİLTİYO-1H-1,2,4-TRİAZOL VE SODYUM MOLİBDATIN İNHİBİSYON ETKİSİ**
TANSUĞ G.
15. Uluslararası Korozyon Sempozyumu, Hatay, Turkey, 26 - 28 September 2018, pp.22
- III. **C1010 çeliğinin soğutma suyu ortamında korozyondan korunması için inhibitör geliştirilmesi**
TANSUĞ G.
13. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2018
- IV. **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

- V. **Osl 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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **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
- XI. **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
- XII. **Inhibition of Brass Corrosion in Urban Rainwater**
SIĞIRCIK G., TANSUĞ G., TÜKEN T.
European Corrosion Congress (EUROCORR) 2016, 11 - 15 September 2016
- XIII. **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
- XIV. **Inhibition of brass corrosion urban rainwater**
SIĞIRCIK G., TANSUĞ G., TÜKEN T.
European Corrosion Congress, 11 - 15 September 2016
- XV. **C1010 Çeliğinin Soğutma Suyu Ortamında Korozyondan Korunması İçin İnhibitör Geliştirilmesi**
TANSUĞ G.
12. Ulusal Kimya Mühendisliği Kongresi, Turkey, 23 - 26 August 2016
- XVI. **Thermoluminescence of Li2B4O7:Cu and Li2B4O7: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
- XVII. **Thermoluminescence of Li2B4O7:Cu and Li2B4O7: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, Munich, Germany, 3 - 08 July 2016, pp.403
- XVIII. **THERMOLUMINESCENCE STUDY OF Mn DOPED LITHIUMTETRABORATE POWDER AND PELLET**

SAMPLESYNTHESIZED BY SULUTION COMBUSTION SYNTHESIS

Özdemir A., YEĞİNGİL Z., NUR N., KURT K., TÜKEN T., DEPCI T., TANSUĞ G., ALTUNAL V., Güçkan V.

The 9th International Conference on Luminescence and ESR Dosimetry, 2 - 04 September 2015

- XIX. **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
- XX. **Ammonium 2 4 dimethylphenyl dithiocarbamateas an environmentally friendly corrosion inhibitor for steel**
Kıcır N., TANSUĞ G., TÜKEN T., Erbil M.
European Corrosion Congress (EUROCORR) 2015, 6 - 10 September 2015
- XXI. **SELF ASSEMBLED FILM OF THIOL COMPOUNDS ON BRONZE**
TANSUĞ G., SIĞIRCIK G., TÜKEN T.
EUROCORR 2015, Graz, Austria, 6 - 10 September 2015, pp.84
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **Electrochemical techniques for tribocorrosion investigations of polyurea greases**
TANSUĞ G., TÜKEN T., ERBİL M.
European Corrosion Congress, 9 - 13 September 2012
- XXVII. **Evaluation of Thermal Stability of Grease Films with EIS Measurement**
TANSUĞ G., KICIR N., ELALAN T., TÜKEN T., ERBİL M.
ASTM Third International Symposium on Tribo-Corrosion, 19 - 20 April 2012
- XXVIII. **Poly N Methyl Pyrrole and Its Copolymer with Pyrrole on Corrosion Protection of Mild steel**
TANSUĞ G., TÜKEN T., ERBİL M., YAZICI B.
9th International Electrochemistry Meeting, 25 - 29 September 2011
- XXIX. **Paslanmaz çelik üzerinde PPy PmPy ve bunların kopolimerlerinin korozyon dayanımlarının araştırılması**
TANSUĞ G., TÜKEN T., ERBİL M., YAZICI B.
XI. International Corrosion Symposium, 22 - 25 October 2008, pp.556
- XXX. **The use of poly n methyl pyrrole for mild steel protection**
TANSUĞ G., TÜKEN T., ERBİL M., YAZICI B.
X. International Corrosion Symposium, 1 - 04 November 2006, pp.108
- XXXI. **Mild steel protection with epoxy top coated polypyrrole and polyaniline in 3 5 NaCl**
TANSUĞ G., TÜKEN T., ERBİL M., YAZICI B., ÖZYILMAZ A. T.
X. International Corrosion Symposium, 1 - 04 November 2006, pp.394
- XXXII. **Korozyon hizini belirleyen olcum teknikleri**

- TANSUĞ G., ERBİL M., YAZICI B., TÜKEN T., ÖZYILMAZ A. T.
III. Ulusal Analitik Kimya Kongresi, Turkey, 5 - 07 July 2006
- XXXIII. **İletken Polimer PANI ve PPy üzeri epoksi boya kaplı karbon celiginin 3 5 NaCl cozeltisindeki korozyon davranislari**
TANSUĞ G., ERBİL M., YAZICI B., ÖZYILMAZ A. T., TÜKEN T.
7. Elektrokimya Gunleri, Turkey, 28 - 30 June 2006
- XXXIV. **Epoksi ile kaplanmış yumusak celigin klorurlu ortamda korozyon davranislari**
TANSUĞ G., ERBİL M., YAZICI B.
VI. Elektrokimya Gunleri, Turkey, 29 June - 01 July 2005
- XXXV. **Epoksi boyalarla kaplanmış karbon celiginin klorurlu sulfatli ortamlarda korozyon davranislari**
TANSUĞ G., YAZICI B., ERBİL M.
XVIII. Ulusal Kimya Kongresi, Turkey, 5 - 09 September 2004
- XXXVI. **Chemistry learning in internet in secondary education**
TANSUĞ G., YAZICI B., ERBİL M.
18. International Conference on Chemical Education, 3 - 08 August 2004, pp.301

Supported Projects

- TANSUĞ G., Project Supported by Higher Education Institutions, 304 ve 316 çeliklerin %3,5 NaCl çözeltisinde 3-Amino-5-metiltiyo-1H-1,2,4-triazol, sodyum molibdat ve sodyum tungstat varlığında korozyon dayanımının araştırılması, 2018 - 2020
- TANSUĞ G., EYİLER E., ERÜNAL E., Project Supported by Higher Education Institutions, Kimya Mühendisliği Laboratuvarları Altyapı Geliştirme Projesi, 2017 - 2018
- TANSUĞ G., EYİLER E., Project Supported by Higher Education Institutions, Kimya Mühendisliği Bölümü Genel Kimya Dersi Laboratuvarı Altyapı Geliştirme Projesi, 2016 - 2017
- YEĞİNGİL Z., KURT K., Altunal V., Özdemir A., TÜKEN T., Güçkan V., SIĞIRCIK G., TANSUĞ G., Project Supported by Higher Education Institutions, İyonlaşma radyasyonuna maruz kalan halkın triajı için yeni acil durum dozimetresi geliştirilmesi, 2015 - 2017
- TANSUĞ G., SIĞIRCIK G., TÜKEN T., Project Supported by Higher Education Institutions, Protection of Bronze Against Atmospheric Corrosion in Urban Air, 2016 - 2016
- TÜKEN T., SIĞIRCIK G., TANSUĞ G., Project Supported by Higher Education Institutions, Inhibition of Brass Corrosion in Urban Rainwater, 2016 - 2016
- TANSUĞ G., SIĞIRCIK G., Project Supported by Higher Education Institutions, Kültürel ve arkeolojik bakır/bronz yapıtların korozyona karşı korunması, 2015 - 2016
- TANSUĞ G., Project Supported by Higher Education Institutions, Gres Filmlerin Korozyon ve Aşınma Davranışlarının İncelenmesi, 2012 - 2015

Memberships / Tasks in Scientific Organizations

- Türkiye Korozyon Derneği, Member, 2016 - Continues
Kimya Mühendisleri Odası, Member, 2016 - Continues

Scientific Refereeing

- Journal of Adhesion Science and Technology, SCI Journal, September 2019
Applied Surface Science, SCI Journal, November 2018
Journal of the Turkish Chemical Society, Section B: Chemical Engineering, National Scientific Refreed Journal, October 2018

Journal of Adhesion Science and Technology, SCI Journal, May 2017

Journal of Adhesion Science and Technology, SCI Journal, December 2016

Gazi Üniversitesi Mühendislik Mimarlık Fakültesi dergisi, National Scientific Refreed Journal, December 2016

Research on Chemical Intermediates, SCI Journal, March 2015

Research on Chemical Intermediates, SCI Journal, May 2014

Metrics

Publication: 49

Citation (WoS): 224

Citation (Scopus): 265

H-Index (WoS): 6

H-Index (Scopus): 7

Congress and Symposium Activities

30. Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kktc), 2018

15. Uluslararası Korozyon Sempozyumu, Attendee, Hatay, Turkey, 2018

13. Ulusal Kimya Mühendisliği Kongresi, Attendee, Van, Turkey, 2018

Eurocorr 2016, Attendee, Montpellier, France, 2016

12. Ulusal Kimya Mühendisliği Kongresi, Attendee, İzmir, Turkey, 2016

Eurocorr 2015, Attendee, Graz, Austria, 2015

Eurocorr 2014, Attendee, Pisa, Italy, 2014

Eurocorr 2012, Attendee, Istanbul, Turkey, 2012

Third International Symposium on Tribo-Corrosion, Attendee, Atlanta, GA, United States Of America, 2012

9th International Electrochemistry Meeting in Turkey, Attendee, Cesme, Izmir, Turkey, 2011

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI

Kısmet Akaryakıt