

Prof. Zekiye Hatice ÇINAR

Personal Information

Email: cinarz@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/cinarz>

Education Information

Doctorate, Bogazici University, Institute Of Science, Kimya, Turkey Continues

Undergraduate, Robert Kolej, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey Continues

Robert Kolej, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A facile synthesis of bio-inspired hierarchical microstructure TiO₂ :Characterization and photocatalytic activity**
Turkten N., KARATAŞ B., KARATAŞ Y., Cinar Z., Bekbolet M.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.42, no.3, 2023 (SCI-Expanded)
- II. **Copper-doped TiO₂ photocatalysts: application to drinking water by humic matter degradation**
Turkten N., Cinar Z., TOMRUK A., Bekbolet M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.36, pp.36096-36106, 2019 (SCI-Expanded)
- III. **Photocatalytic Degradation of Cefazolin over N-Doped TiO₂ under UV and Sunlight Irradiation: Prediction of the Reaction Paths via DFT**
ÇINAR Z. H.
Chemical Engineering Journal, vol.184, pp.113-124, 2012 (SCI-Expanded)
- IV. **Fe⁺³-doped TiO₂: A combined experimental and computational approach to the evaluation of visible light activity**
Yalcin Y., Kilic M., Cinar Z.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.99, pp.469-477, 2010 (SCI-Expanded)
- V. **Photo-Oxidative Degradation of Toluene by Hydroxyl Radicals in Aqueous Media**
ÇINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.215, pp.59-68, 2010 (SCI-Expanded)
- VI. **The Role of Non-Metal Doping in TiO₂ Photocatalysis**
Yalcin Y., Kilic M., Cinar Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.13, no.3, pp.281-296, 2010 (SCI-Expanded)
- VII. **Photocatalytic oxidation of dinitronaphthalenes: Theory and experiment**
Bekbolet M., Cinar Z., Kilic M., Uyguner C. S., Minero C., Pelizzetti E.
CHEMOSPHERE, vol.75, no.8, pp.1008-1014, 2009 (SCI-Expanded)
- VIII. **A Quantum Mechanical Approach to TiO₂ Photocatalysis**
Kilic M., Cinar Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.12, no.1, pp.37-46, 2009 (SCI-Expanded)
- IX. **Surface modification of TiO₂ with ascorbic acid for heterogeneous photocatalysis: Theory and experiment**
MERT E. H., YALCIN Y., KILIÇ M., SAN N., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.11, no.2, pp.199-207, 2008 (SCI-Expanded)

- X. **Hydroxyl radical reactions with 4-chlorophenol as a model for heterogeneous photocatalysis**
Kilic M., Cinar Z.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.851, pp.263-270, 2008 (SCI-Expanded)
- XI. **A model for prediction of product distributions for the reactions of phenol derivatives with hydroxyl radicals**
Kilic M., Koctuerk G., San N., CINAR Z.
CHEMOSPHERE, vol.69, no.9, pp.1396-1408, 2007 (SCI-Expanded)
- XII. **Structures and mesomorphic properties of cyano-containing calamitic liquid crystal molecules**
Kilic M., Cinar Z.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.808, pp.53-61, 2007 (SCI-Expanded)
- XIII. **Reactivity indices for ortho/para monosubstituted phenols**
San N., Kılıç M., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.51-59, 2007 (SCI-Expanded)
- XIV. **Enhancement and modeling of the photocatalytic degradation of benzoic acid**
San N., Kılıç M., TUIEBAKHOVA Z., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.43-50, 2007 (SCI-Expanded)
- XV. **Modeling of the photocatalytic degradation reactions of aromatic pollutants: A solvent effect model**
Kılıç M., San N., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.60-66, 2007 (SCI-Expanded)
- XVI. **An experimental and theoretical investigation of the photocatalytic degradation of meta-cresol in TiO₂ suspensions: a model for the product distribution**
HATIPOGLU A., San N., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.165, pp.119-129, 2004 (SCI-Expanded)
- XVII. **A QSAR Study on the Kinetics of the Reactions of Aliphatic Alcohols with the Photogenerated Hydroxyl Radicals**
Hatipoğlu A., Cinar Z.
Journal Of Molecular Structure-Theochem, vol.631, pp.189-207, 2003 (SCI-Expanded)
- XVIII. **Photocatalytic degradation of 4-nitrophenol in aqueous TiO₂ suspensions: Theoretical prediction of the intermediates**
San N., HATIPOGLU A., KOCTURK g., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.146, no.3, pp.189-197, 2002 (SCI-Expanded)
- XIX. **Structure - Activity relations for the photodegradation reactions of monosubstituted anilines in TiO₂ suspensions**
San N., CINAR Z. H.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.5, no.1, pp.85-92, 2002 (SCI-Expanded)
- XX. **Prediction of primary intermediates and the photodegradation kinetics of 3-aminophenol in aqueous TiO₂ suspensions**
San N., HATIPOGLU A., KOCTURK g., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.139, pp.225-232, 2001 (SCI-Expanded)
- XXI. **Calculation of the Activation Energies for the Decomposition Reactions of the Excited Pentafluoropropene**
ÇINAR Z. H.
Turkish VIIIth National Symposium on Chemistry and Chemical Engineering, vol.3, pp.7-10, 1992 (SCI-Expanded)
- XXII. **P-Electronic Structures of Mono and Difluoropolienes**
ÇINAR Z. H.
Turkish VIIIth National Symposium on Chemistry and Chemical Engineering, vol.3, pp.33-38, 1992 (SCI-Expanded)
- XXIII. **Investigation of the Kinetics of Halomethane + OH Reactions by BEBO Method**
ÇINAR Z. H.
Turkish VIIIth National Symposium on Chemistry and Chemical Engineering, vol.3, pp.1-5, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Molecular Properties on the Photocatalytic Degradation Rates of Dichlorophenols and Dichloroanilines in Aqueous TiO₂ Suspensions**
SAN N., HATİPOĞLU A., CİNAR Z.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, pp.147-162, 2004 (Scopus)
- II. **Photodegradation Kinetics of Aniline in Aqueous TiO₂ Suspensions**
ÇİNAR Z. H.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.79, no.3, pp.179-194, 2001 (Scopus)
- III. **Su Arıtımında Kullanılan Yarı İletkenler**
ÇİNAR Z. H.
Arıtım Dünyası Dergisi, vol.18, pp.51-61, 2000 (Peer-Reviewed Journal)
- IV. **Yeni bir Su Arıtım Yöntemi: Heterojen Fotokatalitik Degradasyon**
ÇİNAR Z. H.
Arıtım Dünyası Dergisi, vol.14, pp.39-48, 1999 (Peer-Reviewed Journal)
- V. **A Computational Study on the Structures of Halogenated Linear Polyenes**
ÇİNAR Z. H.
Chimica Acta Turcica, vol.98, no.1, pp.62-69, 1998 (Peer-Reviewed Journal)
- VI. **Asetik Asit – Toluen Azeotropuna Basınç ve Tuz Etkilerinin Karşılaştırılması**
ÇİNAR Z. H.
Yıldız Teknik Üniversitesi Dergisi, vol.3, pp.45-52, 1993 (Peer-Reviewed Journal)
- VII. **Carbon Suboxide: Its Chemistry and Structure**
ÇİNAR Z. H.
Journal of Yıldız University, vol.1, pp.65-70, 1991 (Peer-Reviewed Journal)
- VIII. **Photochemical Reactions of Carbon Suboxide**
ÇİNAR Z. H.
Kimya ve Sanayi, vol.31, pp.49-60, 1989 (Peer-Reviewed Journal)
- IX. **The Statistical Distribution of the Products in the Vacuum-UV Photolysis of Carbon Suboxide with Trifluoromethane**
ÇİNAR Z. H.
Journal of Yıldız University, vol.2, pp.37-42, 1989 (Peer-Reviewed Journal)
- X. **Salt Effects on n-Heptane – Acetic Acid Vapor Liquid Equilibria**
ÇİNAR Z. H.
MÜ Fen Bilimleri Dergisi, vol.6, pp.57-66, 1989 (Peer-Reviewed Journal)
- XI. **Vacuum-UV Absorption Spectrum and the Electronic Structure of Carbon Suboxide**
ÇİNAR Z. H.
Journal of Yıldız University, vol.1, no.9, pp.47-52, 1989 (Peer-Reviewed Journal)
- XII. **Glass-Transition Temperature of Polymers**
ÇİNAR Z. H.
Journal of Yıldız University, vol.2, pp.59-70, 1989 (Peer-Reviewed Journal)
- XIII. **Asetik Asit – Toluen Azeotropuna Basınç Etkisi**
ÇİNAR Z. H.
Yıldız Üniversitesi Dergisi, vol.1, pp.11-18, 1989 (Peer-Reviewed Journal)
- XIV. **Isı ile Hızlandırılmış Reaksiyonlar ile Dayanıklılık Saptanması**
ÇİNAR Z. H.
Yıldız Üniversitesi Dergisi, vol.3, pp.13-18, 1988 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Codoping Effect of Titania**

ÇINAR Z. H., Y. Gurkan Y., Kasapbaşı E.

SPASEC-18 The 18th International Conference on Semiconductor Photocatalysis and Solar Energy Conversion, 01 November 2013

- II. **Treatment Performance of Anion-Doped TiO₂ for the Removal of Complex Organic Matter**
Uyguner-Demirel C. S., Sen-Kavurmacı S., Y. Gurkan Y., Türkten N., ÇINAR Z. H., Bekbolet M.
SPASEC-18 The 18th International Conference on Semiconductor Photocatalysis and Solar Energy Conversion, 01 November 2013
- III. **Comparative Evaluation of Anion Doped Photocatalysts on the Mineralization and Decolorization of Natural Organic Matter**
ÇINAR Z. H., Uyguner-Demirel C. S., Sen-Kavurmacı S., Y. Gurkan Y., Türkten N., Cinar Z., Bekbolet M.
The 3rd European Conference on Environmental Applications of Advanced Oxidation Processes, 01 October 2013
- IV. **Reactivity Descriptors For The Degradation Reactions Of Organophosphorous Compounds**
HATİPOĞLU A., Dedeoğlu H., Çınar Z.
9th European Conference on Computational Chemistry (EUCCO-CC9), Sopron, Hungary, 01 September 2013, pp.1
- V. **The Use of DFT Descriptors for Prediction of the Photocatalytic Degradation Mechanism of Azo Dyes on TiO₂**
ÇINAR Z. H., Turkten N.
IUPAC 2013, 44TH WORLD CHEMISTRY CONGRESS, 01 August 2013
- VI. **Solar Photocatalytic Performance of Anion Doped TiO₂ on the Degradation of Complex Organic Matrix**
ÇINAR Z. H., Uyguner-Demirel, C., Sen-Kavurmacı S., Y. Gurkan Y., Turkten N., Cinar Z., Bekbolet M.
SP4, 4TH INTERNATIONAL CONFERENCE ON SEMICONDUCTOR PHOTOCHEMISTRY, 01 June 2013
- VII. **On the Cation-Doping Effect of TiO₂: Mid-Gap Levels in Wide Band-Gap**
ÇINAR Z. H.
SPASEC-17, Semiconductor Photocatalysis and Solar Energy Conversion (invited lecture), November 11-15, , Jacksonville, Florida, 01 November 2012
- VIII. **Sunlight-Assisted Photocatalytic Decolorization of Azo Dyes on B-Doped TiO₂: Prediction of Intermediates Via Conceptual DFT**
ÇINAR Z. H.
SPASEC-17, Semiconductor Photocatalysis and Solar Energy Conversion, November 11-15, Jacksonville, Florida, 01 November 2012
- IX. **Bis(fenilimin) Schiff Bazı Metal Komplekslerinin Kimyasal Reaktivite İndisleri**
HATİPOĞLU A., Civan D., Çınar Z.
XXVI. Ulusal Kimya Kongresi, Muğla Sıtkı Koçman Üniversitesi, Muğla, Turkey, 01 October 2012, pp.105
- X. **Solar Light-Driven Titania Photocatalyst Co-Doped with Nitrogen and Selenium**
ÇINAR Z. H.
The 10th Chemical Physics Congress, October 10-12, TOBB University of Economics and Technology, Ankara, Turkey, 01 October 2012
- XI. **A Mechanistic Approach to the Photocatalytic Decolorization of Reactive Red 195 on Boron-Doped TiO₂**
ÇINAR Z. H.
The 10th Chemical Physics Congress, October 10-12, TOBB University of Economics and Technology, Ankara, Turkey, 01 October 2012
- XII. **On the Use of DFT Descriptors for the Prediction of the Photocatalytic Degradation Pathways: A Case Study on Cefazolin**
ÇINAR Z., Yalçın Gurkan Y., TÜRKTEEN Ü. N., HATİPOĞLU A.
The 16th International Conference On TiO₂ Photocatalysis: Fundamentals And Applications, San Diego, United States Of America, 07 November 2011, pp.26
- XIII. **A Density Functional Theory Study on the Nitrogen/Sulfur Codoping Effect of TiO₂**
ÇINAR Z. H.
The 16th International Conference On TiO₂ Photocatalysis: Fundamentals And Applications, (Invited Lecture),

November 7-10, San Diego, California, USA, 01 November 2011

- XIV. **Pirinç Kabuğu Katkılı Betonun Yüksek Sıcaklık Performansı**, pp. 43-54, 5-7 Ekim, Çeşme, İzmir
ÇINAR Z. H.
8. Ulusal Beton Kongresi, 01 October 2011
- XV. **Se(IV) Katkısının TiO₂ Nano-partiküllerinin Elektronik ve Optik Özelliklerine Etkisinin Kuantum Mekaniksel İncelemesi**
ÇINAR Z. H.
XXV. Ulusal Kimya Kongresi, 27 Haziran- 2 Temmuz, Atatürk Üniversitesi, Erzurum, 01 June 2011
- XVI. **Ametal Katkılandırması ile Güneş Işığına Duyarlı Yeni TiO₂ Fotokatalizörlerin Hazırlanması, Karakterizasyonu ve DFT Modellemesi**
ÇINAR Z. H.
XXV. Ulusal Kimya Kongresi, 27 Haziran- 2 Temmuz, Atatürk Üniversitesi, Erzurum, 01 June 2011
- XVII. **On The Origin of Visible-Light Activity of The Co-Doped TiO₂ Photocatalysis**
ÇINAR Z. H.
The 15th International Conference On TiO₂ Photocatalysis: Fundamentals And Applications, (Invited Lecture) November 15-18, San Diego, California, USA (2010), 01 November 2010
- XVIII. **Origin of Visible-Light Activity of N-Doped TiO₂ Photocatalysts**
ÇINAR Z. H.
The 9th Chemical Physics Congress, October 14-16, İzmir Institute of Technology, Çeşme, Turkey, 01 October 2010
- XIX. **An Experimental and Computational Approach to the Visible Light Activity of C-Doped TiO₂**
ÇINAR Z. H.
The 9th Chemical Physics Congress, October 14-16, İzmir Institute of Technology, Çeşme, Turkey, 01 October 2010
- XX. **N-S-Co-Doped TiO₂: Preparation, Characterization and Photocatalytic Activity**
ÇINAR Z. H.
The 9th Chemical Physics Congress, October 14-16, İzmir Institute of Technology, Çeşme, Turkey, 01 October 2010
- XXI. **H-Abstraction Reactions from Propanols by OH Radicals: Ab Initio Study of the Possible Pathways and the Role of Solvent Water**
ÇINAR Z. H.
The 9th Chemical Physics Congress, October 14-16, İzmir Institute of Technology, Çeşme, Turkey, 01 October 2010
- XXII. **Modeling The Photooxidative Degradation of Pyridine In The Presence of TiO₂**
ÇINAR Z. H.
8th European Conference on Computational Chemistry, 25-28 August, Lund, Sweden, 01 August 2010
- XXIII. **Nickel Complexes of A Tridentate Bis (Phenylimine) Schiff Base : A DFT Study**
ÇINAR Z. H.
8th European Conference on Computational Chemistry, 25-28 August, Lund, Sweden, 01 August 2010
- XXIV. **Bor Katkılı TiO₂ in Tasarımı, Karakterizasyonu, Yapısal Ve Elektronik Özellikleri**
ÇINAR Z. H.
XXIV. Ulusal Kimya Kongresi, 29 Haziran- 2 Temmuz, FP-105, Zonguldak Karaelmas Üniversitesi, Zonguldak, 01 June 2010
- XXV. **The Structure and Photocatalytic Activity of C-Doped TiO₂ Characterization and DFT Modeling**
ÇINAR Z. H.
First International Workshop on Application of Redox Technologies in the Environment, 14-15 September, İstanbul, Turkey, 01 September 2009
- XXVI. **Visible-Light Active TiO₂ Photocatalysts by Nitrogen Doping**
ÇINAR Z. H.
First International Workshop on Application of Redox Technologies in the Environment, (oral), 14-15 September, İstanbul, Turkey, 01 September 2009
- XXVII. **Güneş Işığına Duyarlı Kükürt Katkılı TiO₂ nin Tasarımı, Yapısal ve Elektronik Özellikleri**
ÇINAR Z. H.
XXIII. Ulusal Kimya Kongresi, 16-20 Haziran, FP-58, Cumhuriyet Üniversitesi, Sivas, 01 June 2009
- XXVIII. **TiO₂ in Fotokatalitik Aktivitesinin Yüzey Modifikasyonu ile Arttırılması**

- ÇINAR Z. H.
2. Ulusal İleri Oksidasyon Teknolojileri Kongresi (IOPT), 7 Kasım, Boğaziçi Üniversitesi, İstanbul, 01 November 2008
- XXIX. **Azot Katkılı TiO₂: Sentezi, Karakterizasyonu ve DFT Modellemesi**
ÇINAR Z. H.
2. Ulusal İleri Oksidasyon Teknolojileri Kongresi (IOPT), 7 Kasım, Boğaziçi Üniversitesi, İstanbul, 01 November 2008
- XXX. **Piridin-Bis(fenilimin) Bakır ve Çinko Komplekslerinin Yapılarının MM ve QM Yöntemleriyle Modellenmesi**
ÇINAR Z. H.
XXII. Ulusal Kimya Kongresi, 6-10 Ekim, Mağusa-K.K.T.C., 01 October 2008
- XXXI. **DFT Modeling of the Bis(phenylimine) Schiff Base Ligands and Their Metal Complexes**
ÇINAR Z. H.
7th European Conference On Computational Chemistry, 11-15 September, Venice, ITALY, 01 September 2008
- XXXII. **Carbon-Doped TiO₂: Characterization and DFT Modeling of The Surface**
ÇINAR Z. H.
25 Years In TiO₂ Photocatalysis: Retrospective And Perspective Views TiO₂-13, 22-25 September, San Diego, California-USA, 01 September 2008
- XXXIII. **Atmospheric Toluene Destruction by OH Radicals**
ÇINAR Z. H.
7th European Conference On Computational Chemistry, 11-15 September, Venice, ITALY, 01 September 2008
- XXXIV. **Effect of Selenium Ion Dopants on the Structure and Photocatalytic Activity of Anatase**
ÇINAR Z. H.
Chemical Physics Conference VIII, P25, 24-25 April, Istanbul Technical University, Istanbul, 01 April 2008
- XXXV. **Gas-Phase Reactions of the OH Radicals with Glycols: A Mechanistic Study**
ÇINAR Z. H.
Chemical Physics Conference VIII, P25, 24-25 April, Istanbul Technical University, Istanbul, 01 April 2008
- XXXVI. **N-Doped TiO₂: Characterization and DFT Modeling**
ÇINAR Z. H.
Chemical Physics Conference VIII, P25, 24-25 April, Istanbul Technical University, Istanbul, 01 April 2008
- XXXVII. **Characterization of Surface-Modified TiO₂ with Salicylic Acid: A New Modeling Approach**
ÇINAR Z. H.
The 12th International Conference On TiO₂ Photocatalysis: Fundamentals And Applications, 24-28 September, Niagara Falls, New York, USA, 01 September 2007
- XXXVIII. **Roles of Selenium Ion Dopants on TiO₂ in The Photocatalytic Degradation of 3-Chlorophenol: A Novel Modeling Approach**
ÇINAR Z. H.
The 12th International Conference On TiO₂ Photocatalysis: Fundamentals and Applications, (oral), 24-28 September, Niagara Falls, New York, USA, 01 September 2007
- XXXIX. **Photocatalytic Degradation of Cefazolin: A Mechanistic Approach**
ÇINAR Z. H.
The 12th International Conference On TiO₂ Photocatalysis: Fundamentals And Applications, 24-28 September, Niagara Falls, New York, USA, 01 September 2007
- XL. **Yüksek Aktiviteli Yeni Bir Fotokatalizör Tasarımı**
ÇINAR Z. H.
XXI. Ulusal Kimya Kongresi, 23-27 Ağustos, İnönü Üniversitesi, Malatya, 01 August 2007
- XLI. **The Role of Molecular Modeling in Semiconductor Photocatalysis**
ÇINAR Z. H.
The 2nd International Conference on Semiconductor Photochemistry, (oral), The Robert Gordon University, 23-25 July, Aberdeen, U.K., 01 July 2007
- XLII. **Effect of N-Doping on the Photocatalytic Activity of TiO₂ : Characterization and DFT Modeling of the**

Surface

ÇINAR Z. H.

The 2nd International Conference On Semiconductor Photochemistry, The Robert Gordon University, 23-25 July, Aberdeen, U.K., 01 July 2007

- XLIII. **İleri Oksidasyon Sistemlerine Teorik bir Yaklaşım**
ÇINAR Z. H.
1. Ulusal İleri Oksidasyon Teknolojileri Kongresi (IOPT), 25 Mayıs, Boğaziçi Üniversitesi, İstanbul, 01 May 2007
- XLIV. **A Theoretical Investigation on the Kinetics of the Reactions of OH Radicals with Phenols**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 94 , September 9-13, Antalya, TURKEY,, 01 September 2006
- XLV. **Kinetics of the Photocatalytic Degradation Reaction of 4-Hydroxypyridine: A Mechanistic Approach**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 107, September 9-13, Antalya, TURKEY, 01 September 2006
- XLVI. **Modification of the Structures and Properties of CBs by Lateral Halogen Substituents**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 93, September 9-13, Antalya, TURKEY, 01 September 2006
- XLVII. **Enhancement of the Photocatalytic Activity of TiO₂ by Cobalt-Ion Doping**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 106, September 9-13, Antalya, TURKEY, 01 September 2006
- XLVIII. **Yeni Sıvı Kristal Moleküllerin Tasarımı**
ÇINAR Z. H.
XX. Ulusal Kimya Kongresi, FKS-15, 4-8 Eylül, Erciyes Üniversitesi, Kayseri, 01 September 2006
- XLIX. **A Theoretical Approach to Carcinogenicity**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 91, September 9-13, Antalya, TURKEY, 01 September 2006
- L. **Fe(III) Katkılı ve Yüzeyi Modifiye Edilmiş Anatazın Fotokatalitik Aktivitelerinin Karşılaştırılması**
ÇINAR Z. H.
XX. Ulusal Kimya Kongresi, FKP-152, 4-8 Eylül, Erciyes Üniversitesi, Kayseri, 01 September 2006
- LI. **An Investigation of the Electronic Structures and Mesomorphic Properties of Cyano-Containing LCs by MM and QM Methods**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 92, September 9-13, Antalya, TURKEY,, 01 September 2006
- LII. **Ab Initio Study of the Gas-Phase Reactions of the OH Radicals with Butanediols**
ÇINAR Z. H.
The 9th Euroasia Conference on Chemical Sciences, 90, September 9-13, Antalya, TURKEY, 01 September 2006
- LIII. **Pirimidinin Fotokatalitik Degradasyon Reaksiyonunun Modellenmesi**
ÇINAR Z. H.
XX. Ulusal Kimya Kongresi, FKP-116, 4-8 Eylül, Erciyes Üniversitesi, Kayseri, 01 September 2006
- LIV. **An Investigation of the Relations Between the Molecular Properties and the Photoreactivities of ortho/para Monosubstituted Phenols**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, O4, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LV. **Kinetics of the Gas-Phase Reactions of the OH Radicals with Ethane- and Propanediols**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, P02, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LVI. **An Experimental and Theoretical Investigation of the Photocatalytic Degradation of 2-Hydroxypyridine**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, P74, May 19-20, Eğirdir, Isparta, TURKEY,, 01 May 2006
- LVII. **A Theoretical Investigation on the Gas and Aqueous Phase Reactions of 4-Chlorophenol with the Photogenerated Hydroxyl Radicals**

- ÇINAR Z. H.
The 7th International Conference on Chemical Physics, P44, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LVIII. **Effect of Surface Modification of TiO₂ on the Photocatalytic Degradation of Hydroquinone**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, P31, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LIX. **Roles of 3d-Metal Ion Dopants on TiO₂ in the Photocatalytic Degradation of Catechol**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, P59, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LX. **A DFT Study on the Photocatalytic Reactivities of Aniline Derivatives in Aqueous TiO₂ Suspensions**
ÇINAR Z. H.
The 7th International Conference on Chemical Physics, (oral), P46, May 19-20, Eğirdir, Isparta, TURKEY, 01 May 2006
- LXI. **DFT Reactivity Descriptors for Monosubstituted Anilines**
ÇINAR Z. H.
International Conference on Theoretical Aspects of Chemical Reactivity, P51, April 5-7, Vrije Universitaet Brussel, Brussels, BELGIUM, 01 April 2006
- LXII. **Modeling of the Reactions of p-Chlorophenol with Hydroxyl Radicals**
ÇINAR Z. H.
International Conference on Theoretical Aspects of Chemical Reactivity, P27, April 5-7, Vrije Universitaet Brussel, Brussels, BELGIUM, 01 April 2006
- LXIII. **Modeling of the Photocatalytic Degradation of 4-Chlorophenol : A Solvent Effect Model**
ÇINAR Z. H.
The 10th International Conference on TiO₂ Photocatalysis: Fundamentals and Applications, 87, October 23-27, Chicago, Illinois, USA,, 01 October 2005
- LXIV. **Bütandiol OH Reaksiyonlarının Kinetik Modellenmesi**
ÇINAR Z. H.
19. Ulusal Kimya Kongresi, FKP74, 30 Eylül-4 Ekim, Ege Üniversitesi, Kuşadası, 01 September 2005
- LXV. **Piridin'in Sulu TiO₂ Suspansiyonlarındaki Fotokatalitik Degradasyon Kinetiği : Ürün Dağılımı için Teorik bir Model**
ÇINAR Z. H.
19. Ulusal Kimya Kongresi, FKP87, 30 Eylül-4 Ekim, Ege Üniversitesi, Kuşadası, 01 September 2005
- LXVI. **A DFT Study of the Structures and Properties of Cyano-Containing Liquid Crystal Molecules**
ÇINAR Z. H.
The 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics, Chimia, 59, 7-8, P265, September 11-15, Geneva, SWITZERLAND, 01 September 2005
- LXVII. **Aromatik Kirleticilerin Fotokatalitik Degradasyon Reaksiyonlarının Kuantum Mekaniksel Teknikler ile Modellenmesi**
ÇINAR Z. H.
19. Ulusal Kimya Kongresi, FKP88, 30 Eylül-4 Ekim, Ege Üniversitesi, Kuşadası, 01 September 2005
- LXVIII. **Enhancement of the Photocatalytic Degradation Rate of Benzoic Acid**
ÇINAR Z. H.
19. Ulusal Kimya Kongresi, FKP85, 30 Eylül-4 Ekim, Ege Üniversitesi, Kuşadası, 01 September 2005
- LXIX. **Monosüstitüe Fenollerin Yapısal Özelliklerinin Fotokatalitik Reaktivitelerine Etkisi**
ÇINAR Z. H.
19. Ulusal Kimya Kongresi, FKP86, 30 Eylül-4 Ekim, Ege Üniversitesi, Kuşadası, 01 September 2005
- LXX. **A Density Functional Theory Study of the Structures of Halogenated Peroxyl Radicals**
ÇINAR Z. H.
The 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics, Chimia, 59, 7-8, P264, September 11-15, Geneva, SWITZERLAND, 01 September 2005
- LXXI. **An Ab Initio Study on the Structures and Properties of Cyano-Containing Mesogens**
ÇINAR Z. H.

- The Sixth International Conference on Chemical Physics, 53, October 15-17, Şile, İstanbul, TURKEY, 01 October 2004
- LXXII. **A Theoretical Study on the Structures of Boranes**
ÇINAR Z. H.
The Sixth International Conference on Chemical Physics, 54, October 15-17, Şile, İstanbul, TURKEY, 01 October 2004
- LXXIII. **Modelling of the Reactions of Ethane- and Propanediols with Hydroxyl Radicals**
ÇINAR Z. H.
The Sixth International Conference on Chemical Physics, 49, October 15-17, Şile, İstanbul, TURKEY, 01 October 2004
- LXXIV. **A Theoretical Study on the Reactions of Phenol Derivatives with Hydroxyl Radicals**
ÇINAR Z. H.
The Sixth International Conference on Chemical Physics, 62, October 15-17, Şile, İstanbul, TURKEY, 01 October 2004
- LXXV. **Modelling of the Photocatalytic Degradation of Hydroquinone in the Presence of Iron-Doped TiO₂**
ÇINAR Z. H.
The Sixth International Conference on Chemical Physics, (oral), 18, October 15-17, Şile, İstanbul, TURKEY, 01 October 2004
- LXXVI. **A QSAR Study on the Kinetics of the Reactions of Phenol Derivatives with Photogenerated Hydroxyl Radicals**
ÇINAR Z. H.
The 15th European Symposium on Quantitative Structure-Activity Relationships and Molecular Modelling, A57, September 05-10, İstanbul, TURKEY,, 01 September 2004
- LXXVII. **A QSAR Study on the Photocatalytic Degradation Rates of Chlorinated Aromatics in the Presence of TiO₂**
ÇINAR Z. H.
The 15th European Symposium on Quantitative Structure-Activity Relationships and Molecular Modelling, B46, September 05-10, İstanbul, TURKEY,, 01 September 2004
- LXXVIII. **Photocatalytic Degradation of Resorcinol in Aqueous TiO₂ Suspensions : Reaction Paths and Product Distribution**
ÇINAR Z. H.
The Eighth International Conference on TiO₂ Photocatalysis : Fundamentals and Applications, (oral), October 25-30, Montreal, CANADA, 01 October 2003
- LXXIX. **Density Functional Theory and Ab Initio Study of the Structures of Alkylolithiums**
ÇINAR Z. H.
10th International Conference on the Applications of Density Functional Theory in Chemistry and Physics, P55, Vrije Universiteit Brussel, September 7-12, Brussels, BELGIUM, 01 September 2003
- LXXX. **A DFT Study on the Structures and Stabilities of Tetrahydropyran Derivatives**
ÇINAR Z. H.
10th International Conference on the Applications of Density Functional Theory in Chemistry and Physics, P1, Vrije Universiteit Brussel, September 7-12, Brussels, BELGIUM, 01 September 2003
- LXXXI. **An Ab Initio Study on the Structures of Tetrahydropyran Derivatives**
ÇINAR Z. H.
Chemical Physics V, P-029, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 November 2002
- LXXXII. **A QSAR Study on the Kinetics of Diels-Alder Cycloaddition Reactions of Substituted Dienophiles**
ÇINAR Z. H.
Chemical Physics V, P-030, Yıldız Technical University, 31 October - 01 November, İstanbul, TURKEY, 01 November 2002
- LXXXIII. **Correlations between the Photocatalytic Rate Constants of Dichlorophenols and Dichloroanilines and Their Molecular Properties**

- ÇINAR Z. H.
Chemical Physics V, P-024, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 November 2002
- LXXXIV. **A Study on the Structures of the Substituted Aminomethylithium Compounds**
ÇINAR Z. H.
Chemical Physics V, P-028, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 October 2002
- LXXXV. **A QSAR Study on the Kinetics of the Reactions of Aliphatic Alcohols with Hydroxyl Radicals**
ÇINAR Z. H.
Chemical Physics V, P-027, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 October 2002
- LXXXVI. **Modeling of the Photocatalytic Degradation of Aromatic Pollutants in the Presence of TiO₂**
ÇINAR Z. H.
Chemical Physics V, (oral), A-3.2, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 October 2002
- LXXXVII. **Prediction of the Primary Intermediates and the Photodegradation Kinetics of 2-Chlorophenol in Aqueous TiO₂ Suspensions**
ÇINAR Z. H.
Chemical Physics V, P-025, Yıldız Technical University, 31 October-1 November, İstanbul, TURKEY, 01 October 2002
- LXXXVIII. **Ab Initio Studies of the Structures and Properties of Peroxyl Radicals**
ÇINAR Z. H.
6th World Congress of Theoretically Oriented Chemists WATOC, PC380, August 4-9, Lugano, SWITZERLAND, 01 August 2002
- LXXXIX. **A Study of the Kinetics of H-Abstraction from Propanols by OH Radicals**
ÇINAR Z. H.
6th World Congress of Theoretically Oriented Chemists Watoc, PC379, August 4-9, Lugano, SWITZERLAND, 01 August 2002
- XC. **Elektronegatif Grupların Peroksil Radikallerinin Yapı ve Özelliklerine Etkisinin Teorik İncelenmesi**
ÇINAR Z. H.
XV. Ulusal Kimya Kongresi, FK-P15, Boğaziçi Üniversitesi, 4-7 Eylül, İstanbul, 01 September 2001
- XCI. **3-Klorofenolün Sulu TiO₂ Suspansiyonlarındaki Fotokatalitik Degradasyon Kinetiğinin İncelenmesi**
ÇINAR Z. H.
XV. Ulusal Kimya Kongresi, FK-S18, Boğaziçi Üniversitesi, 4-7 Eylül, İstanbul, 01 September 2001
- XCII. **Photocatalytic Degradation of m-Cresol in Aqueous TiO₂ Suspensions : A Theoretical Prediction of the Intermediates**
ÇINAR Z. H.
The Sixth International Conference on TiO₂ Photocatalytic Purification of Water and Air, (oral), 103-105, June 25-29, Niagara Falls, Ontario, CANADA,, 01 June 2001
- XCIII. **Photodegradation Kinetics of Pyridine in Aqueous TiO₂ Suspensions : Shortcut Methods for the Prediction of the Intermediates**
ÇINAR Z. H.
The Sixth International Conference on TiO₂ Photocatalytic Purification of Water and Air, 146-148, June 25-29, Niagara Falls, Ontario, CANADA, 01 June 2001
- XCIV. **A Theoretical and Experimental Study on the Kinetics of the Photocatalytic Degradation of 4-Nitrophenol**
ÇINAR Z. H.
Chemical Physics IV, p55, September 28-29, Osmangazi University, Eskişehir, TURKEY, 01 September 2000
- XCV. **Structures and Properties of cis and trans 3 Methyl Allylperoxyl Radicals**
ÇINAR Z. H.
Chemical Physics IV, p68, September 28-29, Osmangazi University, Eskişehir, TURKEY, 01 September 2000
- XCVI. **HSH Olefin Reaksiyonlarının Kinetiğinin İncelenmesi**
ÇINAR Z. H.
XIV. Ulusal Kimya Kongresi, s514, Dicle Üniversitesi, 10-15 Eylül, Diyarbakır, 01 September 2000

- XCVII. The Kinetics of the Reactions of OH Radicals with 3-Aminophenol**
ÇINAR Z. H.
Chemical Physics IV, p54, September 28-29, Osmangazi University, Eskişehir, TURKEY, 01 September 2000
- XCVIII. Determination of the Radicals Forming in Graft Polymerization of Cellulose by PM3 Method**
ÇINAR Z. H.
Chemical Physics IV, p30, September 28-29, Osmangazi University, Eskişehir, TURKEY, 01 September 2000
- XCIX. Prediction of Primary Intermediates and the Effect of Electron Acceptors on the Photocatalytic Degradation of 3-Aminophenol**
ÇINAR Z. H.
The Fifth International Conference on TiO₂ Photocatalytic Purification of Water and Air, (oral), 77-78, June 26-30, London, Ontario, CANADA,, 01 June 2000
- C. Molecular Indices for the Photocatalytic Degradability of Phenol Derivatives in Aqueous TiO₂ Suspensions**
ÇINAR Z. H.
The Fifth International Conference on TiO₂ Photocatalytic Purification of Water and Air, 152-153, June 26-30, London, Ontario, CANADA,, 01 June 2000
- CI. Sulu TiO₂ Suspansiyonlarında orto Krezolün Fotokatalitik Degradasyonu**
ÇINAR Z. H.
XIII. Ulusal Kimya Kongresi, p411, 19 Mayıs Üniversitesi, 31 Ağustos-4 Eylül, Samsun, 01 September 1999
- CII. Hidroksialkilfenon Türevlerinin Yapılarının Yarı Ampirik Metotlarla Tayini**
ÇINAR Z. H.
XIII. Ulusal Kimya Kongresi, p412, 19 Mayıs Üniversitesi, 31 Ağustos-4 Eylül, Samsun, 01 September 1999
- CIII. A Computational Study of the Photodecomposition Reactions of 1,1,3,3,3-Pentafluoropropene**
ÇINAR Z. H.
5th World Congress of Theoretically Oriented Chemists WATOC 99, p271, August 1-6, London, UNITED KINGDOM,, 01 August 1999
- CIV. A Computational Study on the Kinetics of DNA OH Reactions**
ÇINAR Z. H.
5th World Congress of Theoretically Oriented Chemists WATOC 99, p270, August 1-6, London, UNITED KINGDOM, 01 August 1999
- CV. A Theoretical and Experimental Study on the Kinetics of the Photodegradation Reactions of Benzoic Acid in Aqueous TiO₂ Suspensions**
ÇINAR Z. H.
The 4th International Conference on TiO₂ Photocatalytic Purification of Water and Air, 153-154, May 24-28, Albuquerque, USA,, 01 May 1999
- CVI. MNDO Results for the Structures of Methylithium and Its Clusters**
ÇINAR Z. H.
Chemical Physics III, p33, Boğaziçi University, October 22-23, İstanbul, TURKEY, 01 October 1998
- CVII. Quantum Mechanical Indices for the Determination of the Degradation Rates of Aromatic Pollutants**
ÇINAR Z. H.
Chemical Physics III, p48, Boğaziçi University, October 22-23, İstanbul, TURKEY, 01 October 1998
- CVIII. The Kinetics of the Gas Phase Reactions of OH Radicals with 1-Pentanol and Cyclopentanol**
ÇINAR Z. H.
Chemical Physics III, p27, Boğaziçi University, October 22-23, İstanbul, TURKEY, 01 October 1998
- CIX. The Kinetics of the Photocatalytic Degradation of Aniline in TiO₂ Suspensions**
ÇINAR Z. H.
Chemical Physics III, p47, Boğaziçi University, October 22-23, İstanbul, TURKEY, 01 October 1998
- CX. A Computational Study for the Prediction of the Radicals Formed in DNA OH Reactions**
ÇINAR Z. H.
Chemical Physics III, p28, Boğaziçi University, October 22-23, İstanbul, TURKEY, 01 October 1998
- CXI. Benzoin Türevlerinin AM1 ve PM3 Yöntemleri ile Yapılarının Tayini**

- ÇINAR Z. H.
12. Ulusal Kimya Kongresi, s341, Trakya Üniversitesi, 7-11 Eylül, Edirne, 01 September 1998
- CXII. **OH Propanol Reaksiyonlarının Kinetiğinin İncelenmesi**
ÇINAR Z. H.
12. Ulusal Kimya Kongresi, s342, Trakya Üniversitesi, 7-11 Eylül, Edirne, 01 September 1998
- CXIII. **Organolityum Bileşiklerinin Yarı Ampirik MNDO Yöntemi ile Yapılarının Tayini**
ÇINAR Z. H.
12. Ulusal Kimya Kongresi, s350, Trakya Üniversitesi, 7-11 Eylül, Edirne, 01 September 1998
- CXIV. **Sulu TiO₂ Suspansiyonlarında orto, meta ve para Nitrofenolün Fotokatalitik Degradasyon Reaksiyonları**
ÇINAR Z. H.
12. Ulusal Kimya Kongresi, s354, Trakya Üniversitesi, 7-11 Eylül, Edirne, 01 September 1998
- CXV. **Sulu TiO₂ Suspansiyonlarında Fenolün Fotokatalitik Degradasyonu**
ÇINAR Z. H.
12. Ulusal Kimya Kongresi, s305, Trakya Üniversitesi, 7-11 Eylül, Edirne, 01 September 1998
- CXVI. **A Computational Study of the Photodecomposition Reactions of Trifluoroethylene**
ÇINAR Z. H.
13th Canadian Symposium on Theoretical Chemistry, p41, The University of British Columbia, August 2-7, Vancouver, CANADA,, 01 August 1998
- CXVII. **Structure-Activity Relations for the Gas-Phase Reactions of Hydroxyl Radicals with Aliphatic Alcohols**
ÇINAR Z. H.
13th Canadian Symposium on Theoretical Chemistry, p64, The University of British Columbia, August 2-7, Vancouver, CANADA, 01 August 1998
- CXVIII. **Kinetics of Photocatalytic Degradation of 4-Chlorophenol in TiO₂ Suspensions**
ÇINAR Z. H.
36th IUPAC Congress, Chimia, 7/97, p.524, August 17-22, Geneva, SWITZERLAND, 01 August 1997
- CXIX. **Sulu Titanyum Dioksit Suspansiyonlarında Ftalik Asidin Fotokatalitik Degradasyonu**
ÇINAR Z. H.
XI. Ulusal Kimya Kongresi, s.384, 16-20 Haziran, Yüzüncü Yıl Üniversitesi, Van, 01 June 1997
- CXX. **Bütanolden OH Radikali ile Hidrojen Koparılması Reaksiyonlarının Kinetiğinin İncelenmesi**
ÇINAR Z. H.
XI. Ulusal Kimya Kongresi, s.386, 16-20 Haziran, Yüzüncü Yıl Üniversitesi, Van, 01 June 1997
- CXXI. **Olefinlere Hidrojensülfür Katılması Reaksiyonlarının Aktivasyon Enerjilerinin Hesaplanması**
ÇINAR Z. H.
X. Ulusal Kimya Kongresi, s.251, 19-21 Eylül, Uludağ Üniversitesi, Bursa,, 01 September 1994
- CXXII. **Mono ve Dikloropolienlerin pi Elektronik Yapıları**
ÇINAR Z. H.
X. Ulusal Kimya Kongresi, s.252, 19-21 Eylül, Uludağ Üniversitesi, Bursa, 01 September 1994
- CXXIII. **Poli(akrilat) ve Poli(metakrilat)ların Camsı Geçiş Temperatürlerinin Hesaplanması**
ÇINAR Z. H.
X. Ulusal Kimya Kongresi, s.214, 19-21 Eylül, Uludağ Üniversitesi, Bursa, 01 September 1994
- CXXIV. **Haloetan OH Reaksiyonlarının Kinetiğinin İncelenmesi**
ÇINAR Z. H.
X. Ulusal Kimya Kongresi, s.215, 19-21 Eylül, Uludağ Üniversitesi, Bursa, 01 September 1994
- CXXV. **Polimerlerin Camsı Geçiş Temperatürlerinin Topolojik İndislerle Belirlenmesi**
ÇINAR Z. H.
IX. Kimya ve Kimya Mühendisliği Sempozyumu, s.301, 20-24 Eylül, Karadeniz Teknik Üniversitesi, Trabzon, 01 September 1993
- CXXVI. **Halometan OH Reaksiyonlarının Kinetiğinin Teorik Olarak BEBO Yöntemi ile İncelenmesi**
ÇINAR Z. H.

- VIII. Kimya ve Kimya Mühendisliği Sempozyumu, 3, 1-5, 7-11 Eylül, Marmara Üniversitesi, İstanbul,, 01 September 1992
- CXXVII. **Uyarılmış Pentafloropropenin Ayrışma Reaksiyonlarının Aktivasyon Enerjilerinin Hesaplanması**
ÇINAR Z. H.
VIII. Kimya ve Kimya Mühendisliği Sempozyumu, 3, 7-10, 7-11 Eylül, Marmara Üniversitesi, İstanbul, 01 September 1992
- CXXVIII. **Fotokimyasal Olarak Uyarılmış 1,1,3,3,3 Pentafloropropen Molekülünün Ayrışma Reaksiyonları ve İstatistiksel Ürün Dağılımı**
ÇINAR Z. H.
VII. Kimya ve Kimya Muhendisliği Sempozyumu, 7-11 Nisan, Doğu Akdeniz Üniversitesi, Gazimagusa, KKTC, 01 April 1991

Supported Projects

- ÇINAR Z. H., Project Supported by Higher Education Institutions, Pirinç Kapçığı Şablonlu Yeni TiO₂ Mikroküreleri: Sentezi, Karakterizasyonu ve Fotokatalitik Aktivitesi, 2013 - 2016
- ÇINAR Z. H., TUBITAK Project, Yeşil Sentez: Azot Katkılanmış TiO₂ Katalizörleri Kullanılarak Aromatik Alkollerin Güneş Işığı Altında ve Sulu Ortamda Karbonil Bileşiklerine Seçici Fotokatalitik Yükseltgenmeleri, 2011 - 2014
- ÇINAR Z. H., Yüksek Termal Taşıyıcı Kaplamalar için Nano Partikül Katkı Maddeleri, 2011 - 2014
- ÇINAR Z. H., Project Supported by Higher Education Institutions, Yeni TiO₂ Nano-Fotokatalizörlerin Tasarımı, Sentezi ve Karakterizasyonu, 2010 - 2014
- ÇINAR Z. H., Other International Funding Programs, Graft Polimerizasyon Reaksiyonlarının Kuantum Mekaniksel Yöntemlerle Modellenmesi, 2007 - 2010
- ÇINAR Z. H., Project Supported by Higher Education Institutions, Piridin ve piridinollerin TiO₂ beraberinde fotokatalitik degradasyon kinetiğinin incelenmesi, 2004 - 2009
- ÇINAR Z. H., Other International Funding Programs, Aminoalkollerin ve Glikollerin OH Radikali ile Reaksiyonlarının ab initio Yöntemlerle Modellenmesi, 2004 - 2007
- ÇINAR Z. H., Other International Funding Programs, Aromatik Kirleticilerin OH Radikalleri ile Reaksiyonlarının Kinetiğinin İncelenmesi, 2000 - 2003
- ÇINAR Z. H., Other International Funding Programs, Organik Kirleticilerin TiO₂ ile Fotokatalitik Degradasyonunun İncelenmesi, 1993 - 1995

Scientific Refereeing

- Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, SCI Journal, January 2011
- Journal of Hazardous Materials, SCI Journal, January 2010
- Journal of Physics and Chemistry of Solids, SCI Journal, January 2010
- Catalysis Today, SCI Journal, January 2010
- Journal of Catalysis, SCI Journal, January 2010
- Photochemistry and Photobiology, SCI Journal, January 2010
- International Journal of Molecular Sciences, SCI Journal, January 2010
- Journal of Inorganic Materials, SCI Journal, January 2010
- Catalysis Letters, SCI Journal, January 2010
- Chemosphere, SCI Journal, January 2009
- Chemical Engineering Journal, SCI Journal, January 2007
- Environmental Management, SCI Journal, January 2007
- Journal of Molecular Catalysis: Chemistry, SCI Journal, January 2005
- Environmental Technology, SCI Journal, January 2005
- Water Science and Technology, SCI Journal, January 2004

Journal of Sol-Gel Science and Technology, SCI Journal, January 2002
Applied Catalysis B: Environmental, SCI Journal, January 2000
Journal of Advanced Oxidation Technologies, SCI Journal, January 1999
Environmental Science and Technology, SCI Journal, January 1999
Journal of Photochemistry and Photobiology A: Chemistry, SCI Journal, January 1998
Turkish Journal of Chemistry, SCI Journal, January 1995

Metrics

Publication: 187
Citation (WoS): 681
Citation (Scopus): 684
H-Index (WoS): 12
H-Index (Scopus): 10

Non Academic Experience

Yıldız Teknik Üniversitesi
Yeditepe Üniversitesi
Marmara Üniversitesi
Yıldız Teknik Üniversitesi
Yıldız Teknik Üniversitesi
The 9th Chemical Physics Congress
The 15th International Conference On TiO₂ Photocatalysis
Solar Chemistry and Photocatalysis: Environmental Applications (SPEA6)
The 14th International Conference On TiO₂ Photocatalysis
The 13th International Conference On TiO₂ Photocatalysis
The 8th International Conference on Chemical Physics
The 12th International Conference On TiO₂ Photocatalysis
The 7th International Conference on Chemical Physics
The 11th International Conference on TiO₂ Photocatalytic Purification of Water and Air
The 10th International Conference on TiO₂ Photocatalysis
The Ninth International Conference on TiO₂ Photocatalysis
The Sixth International Conference on Chemical Physics
The Eighth International Conference on TiO₂ Photocatalysis
The Seventh International Conference on TiO₂ Photocatalytic Purification of
The Fifth International Conference on Chemical Physics
The Sixth International Conference on TiO₂ Photocatalytic Purification of
The Fifth International Conference on TiO₂ Photocatalytic Purification of
Yıldız Teknik Üniversitesi
Yıldız Üniversitesi
İstanbul Devlet Mühendislik ve Mimarlık Akademisi
İstanbul Devlet Mühendislik ve Mimarlık Akademisi
Technische Universitaet Berlin