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Education Information

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

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- I. **A facile synthesis of bio-inspired hierarchical microstructure TiO₂ :Characterization and photocatalytic activity**
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- II. **Copper-doped TiO₂ photocatalysts: application to drinking water by humic matter degradation**
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- III. **Photocatalytic Degradation of Cefazolin over N-Doped TiO₂ under UV and Sunlight Irradiation: Prediction of the Reaction Paths via DFT**
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- IV. **Fe⁺³-doped TiO₂: A combined experimental and computational approach to the evaluation of visible light activity**
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- V. **Photo-Oxidative Degradation of Toluene by Hydroxyl Radicals in Aqueous Media**
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- VI. **The Role of Non-Metal Doping in TiO₂ Photocatalysis**
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- VII. **Photocatalytic oxidation of dinitronaphthalenes: Theory and experiment**
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- VIII. **A Quantum Mechanical Approach to TiO₂ Photocatalysis**
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- IX. **Surface modification of TiO₂ with ascorbic acid for heterogeneous photocatalysis: Theory and experiment**
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- XI. **A model for prediction of product distributions for the reactions of phenol derivatives with hydroxyl radicals**
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- XII. **Structures and mesomorphic properties of cyano-containing calamitic liquid crystal molecules**
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- XIII. **Reactivity indices for ortho/para monosubstituted phenols**
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- XIV. **Enhancement and modeling of the photocatalytic degradation of benzoic acid**
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- XV. **Modeling of the photocatalytic degradation reactions of aromatic pollutants: A solvent effect model**
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- XVI. **An experimental and theoretical investigation of the photocatalytic degradation of meta-cresol in TiO₂ suspensions: a model for the product distribution**
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- XVII. **A QSAR Study on the Kinetics of the Reactions of Aliphatic Alcohols with the Photogenerated Hydroxyl Radicals**
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- XVIII. **Photocatalytic degradation of 4-nitrophenol in aqueous TiO₂ suspensions: Theoretical prediction of the intermediates**
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- XIX. **Structure - Activity relations for the photodegradation reactions of monosubstituted anilines in TiO₂ suspensions**
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- XX. **Prediction of primary intermediates and the photodegradation kinetics of 3-aminophenol in aqueous TiO₂ suspensions**
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- XXI. **Calculation of the Activation Energies for the Decomposition Reactions of the Excited Pentafluoropropene**
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- XXII. **P-Electronic Structures of Mono and Difluoropolienes**
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- XXIII. **Investigation of the Kinetics of Halomethane + OH Reactions by BEBO Method**
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- II. **Photodegradation Kinetics of Aniline in Aqueous TiO₂ Suspensions**
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- III. **Su Arıtımında Kullanılan Yarı İletkenler**
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- V. **A Computational Study on the Structures of Halogenated Linear Polyenes**
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- VII. **Carbon Suboxide: Its Chemistry and Structure**
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- VIII. **Photochemical Reactions of Carbon Suboxide**
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- IX. **The Statistical Distribution of the Products in the Vacuum-UV Photolysis of Carbon Suboxide with Trifluoromethane**
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- X. **Salt Effects on n-Heptane – Acetic Acid Vapor Liquid Equilibria**
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- XIII. **Asetik Asit – Toluen Azeotropuna Basınç Etkisi**
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- XIV. **Isı ile Hızlandırılmış Reaksiyonlar ile Dayanıklılık Saptanması**
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- I. **On the Codoping Effect of Titania**

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II. Treatment Performance of Anion-Doped TiO₂ for the Removal of Complex Organic Matter

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III. Comparative Evaluation of Anion Doped Photocatalysts on the Mineralization and Decolorization of Natural Organic Matter

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IV. Reactivity Descriptors For The Degradation Reactions Of Organophosphorous Compounds

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V. The Use of DFT Descriptors for Prediction of the Photocatalytic Degradation Mechanism of Azo Dyes on TiO₂

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VI. Solar Photocatalytic Performance of Anion Doped TiO₂ on the Degradation of Complex Organic Matrix

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IX. Bis(fenilimin) Schiff Bazı Metal Komplekslerinin Kimyasal Reaktivite İndisleri

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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

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XI. A Mechanistic Approach to the Photocatalytic Decolorization of Reactive Red 195 on Boron-Doped TiO₂

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XII. On the Use of DFT Descriptors for the Prediction of the Photocatalytic Degradation Pathways: A Case Study on Cefazolin

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XIII. A Density Functional Theory Study on the Nitrogen/Sulfur Codoping Effect of TiO₂

ÇINAR Z. H.

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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.
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- XIX. **An Experimental and Computational Approach to the Visible Light Activity of C-Doped TiO₂**
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- XX. **N-S-Co-Doped TiO₂: Preparation, Characterization and Photocatalytic Activity**
ÇINAR Z. H.
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- 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.
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- XXII. **Modeling The Photooxidative Degradation of Pyridine In The Presence of TiO₂**
ÇINAR Z. H.
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- XXIII. **Nickel Complexes of A Tridentate Bis (Phenylimine) Schiff Base : A DFT Study**
ÇINAR Z. H.
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- 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**
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- 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.
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- XXXII. **Carbon-Doped TiO₂: Characterization and DFT Modeling of The Surface**
ÇINAR Z. H.
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- XXXIII. **Atmospheric Toluene Destruction by OH Radicals**
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- XXXIV. **Effect of Selenium Ion Dopants on the Structure and Photocatalytic Activity of Anatase**
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- XXXV. **Gas-Phase Reactions of the OH Radicals with Glycols: A Mechanistic Study**
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- XXXVI. **N-Doped TiO₂: Characterization and DFT Modeling**
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- XXXVII. **Characterization of Surface-Modified TiO₂ with Salicylic Acid: A New Modeling Approach**
ÇINAR Z. H.
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- XXXVIII. **Roles of Selenium Ion Dopants on TiO₂ in The Photocatalytic Degradation of 3-Chlorophenol: A Novel Modeling Approach**
ÇINAR Z. H.
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- XXXIX. **Photocatalytic Degradation of Cefazolin: A Mechanistic Approach**
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- 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.
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- XLII. **Effect of N-Doping on the Photocatalytic Activity of TiO₂ : Characterization and DFT Modeling of the**

Surface

ÇINAR Z. H.

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- 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.
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- XLV. **Kinetics of the Photocatalytic Degradation Reaction of 4-Hydroxypyridine: A Mechanistic Approach**
ÇINAR Z. H.
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- 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.
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- 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.
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- 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.
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- 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**
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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.
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- 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.
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- 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.
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- 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.

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- LXXII. **A Theoretical Study on the Structures of Boranes**
ÇINAR Z. H.
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- LXXIII. **Modelling of the Reactions of Ethane- and Propanediols with Hydroxyl Radicals**
ÇINAR Z. H.
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ÇINAR Z. H.
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- LXXV. **Modelling of the Photocatalytic Degradation of Hydroquinone in the Presence of Iron-Doped TiO₂**
ÇINAR Z. H.
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- LXXVI. **A QSAR Study on the Kinetics of the Reactions of Phenol Derivatives with Photogenerated Hydroxyl Radicals**
ÇINAR Z. H.
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- LXXVII. **A QSAR Study on the Photocatalytic Degradation Rates of Chlorinated Aromatics in the Presence of TiO₂**
ÇINAR Z. H.
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- LXXVIII. **Photocatalytic Degradation of Resorcinol in Aqueous TiO₂ Suspensions : Reaction Paths and Product Distribution**
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- LXXIX. **Density Functional Theory and Ab Initio Study of the Structures of Alkylolithiums**
ÇINAR Z. H.
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- LXXX. **A DFT Study on the Structures and Stabilities of Tetrahydropyran Derivatives**
ÇINAR Z. H.
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- LXXXI. **An Ab Initio Study on the Structures of Tetrahydropyran Derivatives**
ÇINAR Z. H.
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- 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.
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- LXXXV. **A QSAR Study on the Kinetics of the Reactions of Aliphatic Alcohols with Hydroxyl Radicals**
ÇINAR Z. H.
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- LXXXVI. **Modeling of the Photocatalytic Degradation of Aromatic Pollutants in the Presence of TiO₂**
ÇINAR Z. H.
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- LXXXVII. **Prediction of the Primary Intermediates and the Photodegradation Kinetics of 2-Chlorophenol in Aqueous TiO₂ Suspensions**
ÇINAR Z. H.
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- 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**
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- XCIV. **A Theoretical and Experimental Study on the Kinetics of the Photocatalytic Degradation of 4-Nitrophenol**
ÇINAR Z. H.
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- 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.
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- XCVIII. Determination of the Radicals Forming in Graft Polymerization of Cellulose by PM3 Method**
ÇINAR Z. H.
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- XCIX. Prediction of Primary Intermediates and the Effect of Electron Acceptors on the Photocatalytic Degradation of 3-Aminophenol**
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- C. Molecular Indices for the Photocatalytic Degradability of Phenol Derivatives in Aqueous TiO₂ Suspensions**
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- 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.
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- CV. A Theoretical and Experimental Study on the Kinetics of the Photodegradation Reactions of Benzoic Acid in Aqueous TiO₂ Suspensions**
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- CVII. Quantum Mechanical Indices for the Determination of the Degradation Rates of Aromatic Pollutants**
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- CVIII. The Kinetics of the Gas Phase Reactions of OH Radicals with 1-Pentanol and Cyclopentanol**
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- CIX. The Kinetics of the Photocatalytic Degradation of Aniline in TiO₂ Suspensions**
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- CX. A Computational Study for the Prediction of the Radicals Formed in DNA OH Reactions**
ÇINAR Z. H.
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- 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**
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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.
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- CXVII. **Structure-Activity Relations for the Gas-Phase Reactions of Hydroxyl Radicals with Aliphatic Alcohols**
ÇINAR Z. H.
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- CXVIII. **Kinetics of Photocatalytic Degradation of 4-Chlorophenol in TiO₂ Suspensions**
ÇINAR Z. H.
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- 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.
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- 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**
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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**
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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**
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Supported Projects

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- 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
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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
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