

## Prof. YAHYA GÜZEL



### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Erciyes University, Fen Bilimleri Ens., Kimya, Turkey 1986 - 1990

Postgraduate, Ataturk University, Fen Bilimleri Ens., Kimya, Turkey 1985 - 1986

Undergraduate, Ankara University, Faculty Of Science, -, Turkey 1979 - 1983

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Stirenin Polimerizasyon Reaksiyonunun Kesikli bir Reaktörde Dinamik Özelliklerinin İncelenmesi, Erciyes University, Fen Bilimleri Enstitüsü, 1990

Postgraduate, 3,4-Dihalojen-7,8-Dioksa trisiklo[4.2.2.0 2,5]dek-9-en bileşiklerinin trietilamin ile reaksiyonları, Ataturk University, Kimya, 1984

### Research Areas

Chemistry, Physical Chemistry, Computational Chemistry, Quantum Mechanics, Natural Sciences

### Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Kimya, 2002 - Continues

Associate Professor, Erciyes University, Fen Fakültesi, Kimya, 1996 - 2002

Assistant Professor, Erciyes University, Fen Fakültesi, Kimya, 1992 - 1996

### Courses

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

- I. **Clustering of atoms relative to vector space in the Z-matrix coordinate system and 'graphical fingerprint' analysis of 3D pharmacophore structure**  
Kızılcan D. Ş., GÜZEL Y., TÜRKMENOĞLU B.  
Molecular Diversity, 2024 (SCI-Expanded)
- II. **Comparison of the performance of different "local reactive descriptors" in 3D-QSAR analysis of enantioselective molecules**  
Kızılcan D. S., TÜRKMENOĞLU B., GÜZEL Y.  
Structural Chemistry, vol.33, no.2, pp.433-443, 2022 (SCI-Expanded)
- III. **Investigation of inhibitory activity of monoamine oxidase A with 4D-QSAR using Fukui indices identifier**  
TÜRKMENOĞLU B., GÜZEL Y., Su E. M., Kızılcan D. Ş.  
Materials Today Communications, vol.25, 2020 (SCI-Expanded)
- IV. **The use of the Klopman index as a new descriptor for pharmacophore analysis on strong aromatase inhibitor flavonoids against estrogen-dependent breast cancer**  
Kızılcan D. S., TÜRKMENOĞLU B., GÜZEL Y.  
STRUCTURAL CHEMISTRY, vol.31, no.4, pp.1339-1351, 2020 (SCI-Expanded)
- V. **Investigation of 3D pharmacophore of N-benzyl benzamide molecules of melanogenesis inhibitors using a new descriptor Klopman index: uncertainties in model**  
Tokat T. A., Türkmenoğlu B., GÜZEL Y., Kızılcan D. S.  
JOURNAL OF MOLECULAR MODELING, vol.25, no.8, 2019 (SCI-Expanded)
- VI. **Molecular docking and 4D-QSAR studies of metastatic cancer inhibitor thiazoles**  
TÜRKMENOĞLU B., GÜZEL Y.  
Computational Biology and Chemistry, vol.76, pp.327-337, 2018 (SCI-Expanded)
- VII. **4D-QSAR Studies Using a New Descriptor of the Klopman Index: Antibacterial Activities of Sulfone Derivatives Containing 1, 3, 4-Oxadiazole Moiety Based on MCET Model**  
GÜZEL Y., Aslan E., TÜRKMENOĞLU B., Su E. M.  
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.14, no.3, pp.207-220, 2018 (SCI-Expanded)
- VIII. **Amino substituted nitrogen heterocycle ureas as kinase insert domain containing receptor (KDR) inhibitors: Performance of structure-activity relationship approaches**  
Yılmaz H., Sizochenko N., Rasulev B., TOROPOV A., GÜZEL Y., KUZ'MIN V., Leszczynska D., Leszczynski J.  
JOURNAL OF FOOD AND DRUG ANALYSIS, vol.23, no.2, pp.168-175, 2015 (SCI-Expanded)
- IX. **Pharmacophore and Functional Group Identification of 4,4 '-dihydroxydiphenylmethane as Bisphenol-A (BSA) Derivative**  
Yılmaz H., BOZ M., TÜRKMENOĞLU B., GÜZEL Y.  
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.13, no.1, pp.117-126, 2014 (SCI-Expanded)
- X. **4D-QSAR Study of p56(lck) Protein Tyrosine Kinase Inhibitory Activity of Flavonoid Derivatives Using MCET Method**  
Yılmaz H., GÜZEL Y., Onal Z., Altıparmak G., Kocakaya S. O.  
BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.32, no.12, pp.4352-4360, 2011 (SCI-Expanded)
- XI. **4D QSAR study of p56 lck protein tyrosine kinase inhibitory activity of flavonoid derivatives using MCET method**  
YILMAZ H., GÜZEL Y., KÖKBUDAK Z., altıparmak G., Kocakaya Ş. Ö.  
BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.32, no.12, pp.4352-4360, 2011 (SCI-Expanded)
- XII. **Study of the binding affinity for corticosteroid-binding globulin (CBG) using the Electron Topological Method (ETM) as three-dimensional quantitative structure-activity relationship (3D QSAR)**

- Guzel Y., OZTURK E.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.11, no.20, pp.4383-4388, 2003 (SCI-Expanded)
- XIII. **Azaberbene derivatives as  $\alpha$ 2A-adrenoceptor antagonists**  
GÜZEL Y., Kopar A.  
Archiv der Pharmazie, vol.335, no.1, pp.22-26, 2002 (SCI-Expanded)
- XIV. **Investigation of antiulcer activities of imidazo[1,2- $\alpha$ ]pyridinyl-2-alkylaminobenzoxazoles and 5,6,7,8-tetrahydroimidazo[1,2- $\alpha$ ]pyridinylbenzoxazoles with electron-topological (ET) method**  
Guzel Y., Kopar A.  
ARCHIV DER PHARMAZIE, vol.335, pp.27-32, 2002 (SCI-Expanded)
- XV. **4-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-2,3-dihydro-2,3-furandione, its synthesis, thermolysis and Diels-Alder reactions with Schiff bases: Experimental data and calculations**  
Saripinar E., GUZEL Y., ONAL Z., ILHAN I., AKCAMUR Y.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.22, no.4, pp.308-317, 2000 (SCI-Expanded)
- XVI. **4 4 methoxybenzoyl 5 4 methoxyphenyl 2 3 dihydro 2 3 furandione its Synthesis Thermolysis and Diels Alder Reactions with Schiff Bases Experimental Data and Calculations**  
SARIPINAR E., GÜZEL Y., KÖKBUDAK Z., İLHAN İ. Ö., Akçamur Y.  
Journal Of The Chemical Society Of Pakistan, vol.22, pp.308-317, 2000 (SCI-Expanded)
- XVII. **Electron-topological (ET) investigation of structure-antagonist activity of a series of dibenzo[a,d]cycloalkenimines**  
Guzel Y., Saripinar E., Yilidrim İ.  
THEOCHEM-JOURNAL OF MOLECULAR STRUCTURE, vol.418, no.1, pp.83-91, 1997 (SCI-Expanded)
- XVIII. **Investigation of the relationship between chemical structure and anti-HIV-1 activity in a class of nucleoside analogues: Electron-topological approach**  
Dimoglo A. S., Gorbachov M., Lesnik T., Saracoglu M., Guzel Y., Yildirim I.  
CURRENT MEDICINAL CHEMISTRY, vol.4, pp.23-34, 1997 (SCI-Expanded)
- XIX. **Electron-topological investigation of the structure-antitubercular activity relationship of thiosemicarbazone derivatives**  
Saripinar E., Guzel Y., Patat S., Yildirim I., AKCAMUR Y., DIMOGLO A.  
ARZNEIMITTEL-FORSCHUNG/DRUG RESEARCH, vol.46, no.8, pp.824-828, 1996 (SCI-Expanded)
- XX. **Investigation of the relationship between the inhibitory activity of glycolic acid oxidase (GAO) and its chemical structure: Electron-topological approach**  
Guzel Y.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.366, pp.131-137, 1996 (SCI-Expanded)
- XXI. **Norcaradiene-cycloheptatriene substituted in position 7: Investigation of the valence isomerization equilibrium**  
Guzel Y., Saripinar E., Yildirim I.  
MONATSHEFTE FÜR CHEMIE, vol.127, no.5, pp.513-517, 1996 (SCI-Expanded)
- XXII. **Investigation of the electronic structures of 1,4,5-substituted derivatives of 1H-pyrimidin-2-thione**  
Saripinar E., Yildirim I., Guzel Y., AKCAMUR Y.  
MONATSHEFTE FÜR CHEMIE, vol.127, no.5, pp.505-512, 1996 (SCI-Expanded)
- XXIII. **Quantum-chemical investigations on the functionalized 1H-pyrimidines**  
Yildirim İ., TEZCAN M., GUZEL Y., Saripinar E., AKCAMUR Y.  
TURKISH JOURNAL OF CHEMISTRY, vol.20, no.1, pp.27-32, 1996 (SCI-Expanded)
- XXIV. **Electronic-topological investigations of the relationship between chemical structure and ambergris odor**  
Dimoglo A., Vlad P., Shvets N., Coltsa M., Guzel Y., Saracoglu M., Saripinar E., Patat S.  
NEW JOURNAL OF CHEMISTRY, vol.19, no.12, pp.1217-1226, 1995 (SCI-Expanded)
- XXV. **THEORETICAL INVESTIGATIONS ON THE MECHANISM OF INTERACTION OF 4-FORMYL FURAN-2,3-DIONE AND UREA**  
YILDIRIM I., SARIPINAR E., GUZEL Y., PATAT S., Akçamur Y.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.334, pp.165-171, 1995 (SCI-Expanded)

**XXVI. Electronic topological Investigations of the Relationship Between Chemical Structure and Ambergris Odor**

Dimoglo A., Vlad P., Natali S., Coltsa M., Güzel Y., Saraçoğlu M., Sarıpınar E., Patat Ş.  
New Journal Of Chemistry, vol.19, pp.1217-1226, 1995 (SCI-Expanded)

### Articles Published in Other Journals

- I. **4D-QSAR Analysis of Some New Pyrrole Derivatives Using Klopman Index Descriptor**  
Kızılcan D. Ş., TÜRKMEÑOĞLU B., GÜZEL Y., Aslan E.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.1, 2022 (Peer-Reviewed Journal)
- II. **Confirmation by molecular docking of the pharmacophore defined as 4D-QSAR using the MCET method for the 2-hydroxydiarylamide derivatives**  
TÜRKMEÑOĞLU B., GÜZEL Y.  
International Journal of Chemistry and Technology, vol.4, no.2, 2021 (Peer-Reviewed Journal)
- III. **4D-QSAR study of flavonoid derivatives with MCET method**  
TÜRKMEÑOĞLU B., YILMAZ H., Su E. M., ALP TOKAT T., GÜZEL Y.  
International Journal of Chemistry and Technology (IJCT), vol.1, no.1, pp.14-23, 2017 (Peer-Reviewed Journal)
- IV. **3D Biostructure Visualisation Using 4D QSAR Model for SubstituteUreas Binding at the Raf 1 Kinase Receptor Site**  
Su E. M., TÜRKMEÑOĞLU B., GÜZEL Y.  
International Journal of Innovative Studies in Sciences and Engineering Technology, vol.2, no.12, pp.67-75, 2016 (Peer-Reviewed Journal)
- V. **A new charge analysis derived from the results of semi-empirical MO-Lcao calculation**  
Yilmaz H., Ceyhan E. C., GÜZEL Y.  
Journal of the Korean Chemical Society, vol.56, no.2, pp.195-200, 2012 (Scopus)
- VI. **New Charge Analysis Derived From the Results of Semi-empirical Mo-Lcao Calculation**  
YILMAZ H., Ceyhan E., Güzel Y.  
Journal Of Korean Chemical Society, vol.56, pp.195-201, 2012 (Peer-Reviewed Journal)
- VII. **3D-QSAR Study Of Nonsteroidal Estrogen Receptor Ligands With 4-Substituted Deoxyhexestrol Derivatives**  
Güzel Y., YILMAZ H., Nane K.  
Journal Of Pharmaceutical Research And Development, vol.3, pp.25-31, 2011 (Peer-Reviewed Journal)
- VIII. **Investigation of Antisecretory activities ofimidazo[1,2,a]pyridinylethylbenzoxazoles with the Electron Topological Method(ETM)**  
Güzel Y.  
C.Ü. Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, vol.23, no.1, pp.347-361, 2002 (Peer-Reviewed Journal)
- IX. **Electronic-topological Investigation of Antitumor Activity in the Series of 2-Formylpyridine and 1-Formyliso-quinoline Thiosemicarbazone Derivatives**  
Dimoglo A., Chumakov Y., Shvets N., GÜZEL Y., SARAÇOĞLU M.  
Karedeniz J. Med. Sci. (Karadeniz Tıp Dergisi), vol.8, no.4, pp.178, 1995 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **KLOPMAN INDEX: A NEW DESCRIPTOR USED IN MCET FOR 3D/4D-QSAR MODELING**  
TÜRKMEÑOĞLU B., GÜZEL Y.  
in: Current Academic Studies in Science and Mathematics Sciences, YILDIZ ESRA, YILDIZ ÖZKAN ESMA, Editor,  
Livre de Lyon, Lyon, pp.1-16, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **4D-QSAR and Molecular Docking Studies on Some Steroidal Derivatives**  
TÜRKMENOĞLU B., GÜZEL Y.  
8th Drug Chemistry Conference, Antalya, Turkey, 27 February - 02 March 2020, vol.1
- II. **Ligand-based determination of the 3D pharmacophore model of the receptor by non-linear least squares (NLLS) in the MCET method**  
GÜZEL Y., TÜRKMENOĞLU B., Kızılcın D. Ş.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, Elazığ, Turkey, 20 - 24 June 2018, vol.1, no.1, pp.1
- III. **4D-QSAR and Molecular Docking Studies on Thiosemicarbazones and 1,3-thiazoles with Antitumor Activity**  
TÜRKMENOĞLU B., Kızılcın D. Ş., GÜZEL Y.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018, vol.1, no.1, pp.1
- IV. **MOLECULAR DOCKING AND 4D-QSAR STUDIES OF P38 MAP KINASE INHIBITOR**  
TÜRKMENOĞLU B., Kızılcın D. Ş., GÜZEL Y.  
INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS (PCFM'18), Elazığ, Turkey, 19 - 21 June 2018, vol.1, no.1, pp.1
- V. **Molecular Docking and MCET Method Studies of Hydroxydiarylamide Compounds**  
TÜRKMENOĞLU B., Kızılcın D. Ş., GÜZEL Y.  
INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018, vol.1, no.1, pp.1265
- VI. **4D-QSAR Study on Monochloroacetic Acid Derivatives with Antimicrobial**  
Kızılcın D. Ş., TÜRKMENOĞLU B., GÜZEL Y.  
INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018, vol.1, no.1, pp.453
- VII. **5-HT<sub>4</sub> RESEPTÖRÜ KISMİ AGONİSTLERİ OLARAK İMİDAZO [1,5-A] PİRİDİN TÜREVLERİNİN MCET METODU İLE İNCELENMESİ**  
TÜRKMENOĞLU B., Kızılcın D. Ş., Alp Tokat T., GÜZEL Y., KÖKBUDAK Z.  
I. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, 5 - 08 October 2017, no.1
- VIII. **POTANSİYEL ÜÇLÜ GERİ ALIM İNHİBİTÖRLERİ OLARAK KULLANILAN ARALKİL DİAMİN TÜREVLERİNİN 4D-QSAR İNCELENMESİ ,**  
Kızılcın D. Ş., Türkmenoğlu B., Alp Tokat T., Güzel Y., Kökbudak Z.  
I. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, Ankara, Turkey, 5 - 08 October 2017, no.1
- IX. **Potansiyel Antitümör Ajanları Olarak Kumarin Türevlerinin 4D-QSAR ve Moleküler Docking Çalışmaları**  
TÜRKMENOĞLU B., Kızılcın D. Ş., GÜZEL Y.  
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, no.1
- X. **4D-QSAR STUDY OF SERINE PROTEASE ACTIVITY OF 2-HYDROXYDYARILAMIDE DERIVATIVES**  
TÜRKMENOĞLU B., GÜZEL Y.  
Innovation in Medicine Summit-3, 11 - 13 May 2017, no.1
- XI. **Investigation of new Pyroll derivatives as Antituberculos agents with MCET method**  
Aslan E., TÜRKMENOĞLU B., ASLAN H. G., GÜZEL Y.  
Sanko University Innovation in Medicine Summit-3, 11 - 13 May 2017
- XII. **INVESTIGATION OF NEW PYRROL DERIVATIVES AS ANTITUBERCULOS AGENTS WITH MCET METHOD**  
Aslan E., TÜRKMENOĞLU B., ASLAN H. G., GÜZEL Y.  
Innovation in Medicine Summit-3, 11 - 13 May 2017, no.1
- XIII. **4D-QSAR Study by Using Fukui Indices for Monoamine Oxidase-A Inhibitor Activity**  
GÜZEL Y., SU E. M., TÜRKMENOĞLU B., Alp Tokat T.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapeşte, Hungary, 3 - 07 May

2017, vol.1, no.1, pp.529

- XIV. **4D-QSAR Study by Using Fukui Indices for Monoamine Oxidase-Inhibitor Activity**  
GÜZEL Y., Su E. M., TÜRKMENOĞLU B., Aslan E.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Hungary, 3 - 07 May 2017
- XV. **Novel Local Reactivity Descriptor for 4D-QSAR Study on Antibacterial Activity**  
GÜZEL Y., Aslan E., TÜRKMENOĞLU B., Su E. M.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Hungary, 3 - 07 May 2017, no.1
- XVI. **Metastatik Kanser İnhibitörü Tiyazollerin Moleküler Docking ve 4D-QSAR Çalışmaları**  
TÜRKMENOĞLU B., GÜZEL Y.  
Uluslararası Katılımlı5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, vol.1, no.1, pp.266
- XVII. **Östrojen-Bağımlı Meme Kanseri Karşı Güçlü Aromataz İnhibitörleri Olarak Flavonoidlerin MCET Metoduyla 4D-QSAR İncelenmesi**  
Kızılcan D. Ş., TÜRKMENOĞLU B., GÜZEL Y.  
Uluslararası Katılımlı5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, no.1
- XVIII. **4D QSAR Study of Thiazole Derivatives with MCET Method**  
TÜRKMENOĞLU B., GÜZEL Y., Su E. M., ALP TOKAT T.  
4.th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, no.1
- XIX. **Pharmacophore and Functional Group Identification of Flavonoid Derivatives with MCET Method**  
ALP TOKAT T., GÜZEL Y., TÜRKMENOĞLU B., Aslan E.  
4.th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, no.1
- XX. **Analyzing Thiazole Derivatives with MCET Method**  
TÜRKMENOĞLU B., GÜZEL Y., Alp Tokat T., Su E. M.  
4.th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, vol.1, no.1, pp.52
- XXI. **4D-QSAR Studying With MCET Method on Trypsin-Like Serine Protease Inhibitors**  
TÜRKMENOĞLU B., GÜZEL Y.  
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016, vol.1, no.1, pp.539
- XXII. **4D-QSAR Studying with MCET Method Estrogen Receptor Ligands**  
TÜRKMENOĞLU B., ALP TOKAT T., YILMAZ H., GÜZEL Y.  
Third International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 25 - 28 May 2016, vol.1, no.1, pp.119
- XXIII. **Effects of Benzyl Compounds on Phosphodiesterase Inhibitor Studying with MCET Method**  
TÜRKMENOĞLU B., GÜZEL Y., SU E. M., ASLAN E.  
Third International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 25 - 28 May 2016, vol.1, no.1, pp.117-118
- XXIV. **1, 3, 4-OKSADİAZOLLARI BULUNDURAN SÜLFON TÜREVLERİNDEKİ ANTİBAKTERİYAL AKTİVİTELERİN MCET METOTLA HESAPLANMASI**  
Aslan E., TÜRKMENOĞLU B., GÜZEL Y.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, vol.1, no.1, pp.516
- XXV. **3D Bioactive Structure Mapping Using 4D-QSAR Model for Flavonoid Binding at the Benzodiazepine GABA-A Receptor Site**  
YILMAZ H., TÜRKMENOĞLU B., GÜZEL Y.  
PITTCO CON FERENCE & EXPO, New Orleans, United States Of America, 8 - 12 March 2015, vol.1, no.1, pp.958
- XXVI. **4D-QSAR studies on substituted ureas as Raf-1 kinase inhibitors with CoMCET**  
Su E. M., YILMAZ H., TÜRKMENOĞLU B., ALP TOKAT T., GÜZEL Y.  
2.nd International BAU-Drug Design Symposium, İstanbul, Turkey, 17 - 19 April 2014, no.1
- XXVII. **4D-QSAR Study Using CoMCET Method for The Flavonoid-Mediated Inhibition of Breast Cancer Resistance Protein (BCRP/ABCG2)**  
TÜRKMENOĞLU B., Su E. M., YILMAZ H., ALP TOKAT T., GÜZEL Y.  
1 st International BAU-Drug Design Symposium, İstanbul, Turkey, 21 - 23 March 2013, no.1

- XXVIII. **Aldoz Redüktaz İnhibitörleri olarak Flavonoid Bileşiklerinin MCET Metoduyla 4D QSAR Olarak İncelenmesi**  
TÜRKMENOĞLU B., YILMAZ H., Aksakal S., İLHAN İ. Ö., KÖKBUDAK Z., Su E. M., GÜZEL Y.  
II. Fiziksel Kimya Günleri Kongres, Balıkesir, Turkey, 12 - 15 July 2012, no.1
- XXIX. **4D-QSAR STUDY OF SODIUM CHANNEL BLOCKER ACTIVITY OF 3-AMINOPYRROLES USING MCET METHOD**  
TÜRKMENOĞLU B., YILMAZ H., KÖKBUDAK Z., GÜZEL Y.  
The 2nd International Conference on Computation for Science and Technology, Niğde, Turkey, 9 - 11 July 2012, no.1
- XXX. **4D QSAR Study of Channel Blocker Activity of 3 Aminopyroles Using MCET Method**  
KILIÇ TÜRKMENOĞLU B., YILMAZ H., KÖKBUDAK Z., GÜZEL Y.  
2nd International Conference on Computation for Science and Technology , 9 - 11 July 2012
- XXXI. **USE OF LIGAND AND RECEPTOR BASED APPROACHES TO THE PREDICTIVE MODEL DEVELOPMENT OF KDR INHIBITORS**  
YILMAZ H., Rasulev B. F., Leszczyski J. R., GÜZEL Y.  
12th SSCCMS conference, MİSİSİPPI, United States Of America, 13 - 16 June 2012
- XXXII. **Ligand Based Research Of 82 N-Benzylpiperidine Derivatives To Mouse Acetylcholinesterase And 4D QSAR Analysis**  
YILMAZ H., GÜZEL Y., Altıparmak G., TÜRKMENOĞLU B., KÖKBUDAK Z.  
International Symposium on Drug Research and Development, Antalya, Turkey, 27 - 29 May 2011, no.1
- XXXIII. **QSAR and Docking Analysis for Analgesic activity of 3(2H)-Pyrazinone Derivatives**  
YILMAZ H., GÜZEL Y., TÜRKMENOĞLU B., ÖZHAN KOCAKAYA Ş., UYSAL M.  
1 st International BAU-Drug Design Symposium, İstanbul, Turkey, 21 - 23 March 2011, no.1
- XXXIV. **İmidazo [1,2-?] Pyridiniyl ethylbenzoxazololler Üzerinde Anti-ülser Aktivitelerinin Elektron Topolojik Metotla (ETM) İncelenmesi**  
Kopar A. K., GÜZEL Y., SARAÇOĞLU M., YÖRÜK A., KONDOLOT SOLAK E.  
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 1 - 04 June 1999
- XXXV. **Electron-Topological (ET) Method and Experience of its Application to the Search of Odourant Compounds**  
DİMOĞLO A., Shvets N., GÜZEL Y., SARIPINAR E., PATAT Ş., YILDIRIM İ.  
Proceeding of the 13th International Congress of Flavours, Fragrances and Essential Oils (ICEOFF'95), İstanbul, Turkey, 1 - 04 October 1995, no.3
- XXXVI. **Investigation of the Fragrance Origin in the Series of Compounds Possessing Sandalwood Odour**  
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