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Education

Doctorate, Erciyes University, Fen Fakültesi, Kimya, Turkey 1987 - 1990
Postgraduate, Erciyes University, Fen Fakültesi, Kimya, Turkey 1985 - 1987
Undergraduate, Inonu University, Temel Bilimler Fakültesi, Kimya Mühendisliği, Turkey 1979 - 1983

Dissertations

Doctorate, 4-BENZOIL-5-FENiL-FURAN-2,3-DiON'UN ÇEŞITLi SEMIKARBAZON'LAR, aminoguanidinxer ve amidterle reaksiyonlari, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1990

Research Areas

Simulation and Modelling, Bioinformatics, Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

Academic Positions

Professor, Erciyes University, Fen Fakültesi, Kimya, 2003 - Continues

Academic and Administrative Experience

Head of Department, Erciyes University, Fen Fakültesi, Kimya, 2016 - Continues

Supervised Theses

Sarıpınar E., N-(aminoamidino)tiyoüre türevlerinin pıfa ortamında siklizasyon reaksiyonlarının araştırılması, Postgraduate, H.DOĞAN(Student), 2019
Sarıpınar E., Benzotiyenopirimidin bileşik serisinin elektron konformasyon-genetik algoritma (EC-GA) yöntemiyle 4D-QSAR incelenmesi, Postgraduate, H.KESKİN(Student), 2019

Sarıpınar E., Pirimidin ve imidazol çekirdeği içeren bileşiklerin sentezi ve in vitro sitotoksik aktivite çalışmaları, Doctorate, S.ÇAĞLAR(Student), 2019

Sarıpınar E., Fenilpirazin, alkinilfenoksiasetik asit, ftalazin türevlerinin elektron konformasyonal-genetik algoritma (EC-GA) metodu ile 4D-QSAR analizi, Doctorate, S.KÖPRÜ(Student), 2018

Patat Ş., SARIPINAR E., REACTION OF N-(AMINOAMIDINO)THIOUREA DERIVATIVES WITH DIMETHYLACETYLENE DICARBOXYLATE, Postgraduate, I.ADNAN(Student), 2018

Sarıpınar E., Elektron konformasyonel-genetik algoritma 4D-QSAR metodu ile piridin karboksilik asit, oksadiazol, pirimidin ve oksazoltürevlerine ait farmakofor gruplarının belirlenmesi ve biyoaktivite hesabı, Doctorate, B.TÜZÜN(Student), 2018

Sarıpınar E., Çok fonksiyonlu 4-oksotiyoazolidin sentezi ve kuantum hesaplamaları, Postgraduate, N.DOĞAN(Student), 2017

Sarıpınar E., Elektron konformasyonel-genetik algoritma metodu ile fenilpirazolglutamik asit piperazin bileşiklerinde farmakofor belirlenmesi ve 4D-QSAR analizi, Postgraduate, R.BAHAR(Student), 2016

Sarıpınar E., Dipeptidil bor bileşiklerinin elektron konformasyonel-genetik algoritma (EC-GA) metodu ile 4D-QSAR analizi, Postgraduate, S.ÇATALKAYA(Student), 2014

Sarıpınar E., Rutenyum(II) aren komplekslerinin elektron konformasyonel-genetik algoritma (EC-GA) metodu ile farmakofor modellemesi ve 4D QSAR analizi, Postgraduate, S.ÇAĞLAR(Student), 2013

Sarıpınar E., Anti-HIV etkili HEPT, TIBO, tiyazolidin ve DABO türevlerinin elektron konformasyonel-genetik algoritma metodu kullanılarak yeni bir 4D-QSAR yöntemi ile aktif gruplarının belirlenmesi, Doctorate, L.AKYÜZ(Student), 2010

Sarıpınar E., 3-(1,1-diokso-2h-(1,2,4)-benzotiyodiazin-3-il)-4-hidroksi-2(1h)-kinolin bileşik serisinin hepatit c inhibitörü olarak elektron konformasyon-genetik algoritma (EC-GA) yöntemi ile QSAR incelenmesi, Postgraduate, S.AYDIN(Student), 2010

Sarıpınar E., Elektron konformasyonel-genetik algoritma qsar metodu ile penisilin türevlerine ait farmakofor grupların belirlenmesi ve biyoaktivite hesabı, Postgraduate, E.YANMAZ(Student), 2010

Sarıpınar E., Elektron konformasyonel genetik algoritma 4d-QSAR metodu ile pirazol, benzotriazin, dibenzazosin ve kinazolin serilerinde farmakofor belirlenmesi ve biyoaktivite hesabı, Doctorate, K.ŞAHİN(Student), 2010

Sarıpınar E., 1,4-dihidropiridin, artemisinin ve triazolpiridinoksazol türevlerinin nicel yapı aktivite ilişkilerinin incelenmesi ve biyoaktif yapının belirlenmesi, Doctorate, N.GEÇEN(Student), 2010

Sarıpınar E., ddd, Doctorate, M.SAÇMACI(Student), 2009

Sarıpınar E., HEPT bileşik serisinin HIV-1 inhibitörü olarak elektron konformasyon-genetik algoritma (EC-GA) yöntemi ile QSAR incelenmesi, Postgraduate, E.KAYA(Student), 2008

Sarıpınar E., Adenosin bileşik serisinin anti-tümör aktivitesinin elektron konformasyon-genetik algoritma (EC-GA) yöntemi ile QSAR incelenmesi, Postgraduate, Y.YAZAR(Student), 2008

Sarıpınar E., F2-NH-DABOs ve S-DABOs bileşik serilerinin HIV-1 inhibitörü olarak EC yöntemi (elektron konformasyonel) ile QSAR incelenmesi, Postgraduate, S.GÖKTAŞ(Student), 2007

Sarıpınar E., Benzodiazepinon (TIBO) bileşiklerinin HIV-1 inhibitörü olarak CoMCET yöntemi ile 3D-QSAR incelenmesi, Postgraduate, T.HIZCAN(Student), 2005

Sarıpınar E., 2-amino-6-arilsülfonil benzonitril bileşiklerinin HIV-1 inhibitörü olarak CoMCET metodu ile QSAR incelenmesi, Postgraduate, L.KULAK(Student), 2005

Sarıpınar E., Katı süper asit katalizörü kullanılarak aromatik hidrokarbonların uzun zincirli olefinlerle alkilasyonu, Postgraduate, E.BULUT(Student), 2005

Sarıpınar E., Keten ve oksoketenlerin çeşitli 1,3 dipolar bileşiklerle reaksiyonlarının kuantum kimyasal incelenmesi, Postgraduate, Ş.ŞAHİNDAŞ(Student), 2004

Sarıpınar E., Konjuge doymamış karbonil bileşiklerine organometal bileşiklerinin katılma mekanizmasının kuantum kimyasal incelenmesi, Postgraduate, A.YENER(Student), 2003

Sarıpınar E., Furan-2,3-dion'un semikarbanon ve fenilhidrazin ile reaksiyon mekanizmasının semiempirik (PM3) yöntemle araştırılması, Postgraduate, N.YAZIR(Student), 2002

Sarıpınar E., Fonksiyonel yeni pirimidin, piridazin ve imidazol türevlerinin sentezi: Deneysel verileri ve semiempirik (AM1) hesaplamalar, Postgraduate, Ç.YILMAZ(Student), 2000

Sarıpınar E., Visinal furan ve pirrol-2,3-dion sistemlerinin hidrazin ve o-fenilendiamin türevleriyle reaksiyonlarının deneysel ve semiempirik (PM3) verileri, Postgraduate, İ.ÖNCEL(Student), 1999

Sarıpınar E., N-arilpirrol-2,3-dion türevlerinin sentezi, termolizi, hidrzin hidrat ve o-difenilendiaminle reaksiyonları deneysel veriler ve semiempirik hesaplamalar, Postgraduate, S.KARATAŞ(Student), 1997
Sarıpınar E., 4-p Metoksibenzoil -5-p metoksipeni (-2,3-) furandionun çeşitli dienofil ve aminlerle reaksiyonları, Postgraduate, L.GÖKTAŞ(Student), 1995

Journal articles indexed in SCI, SSCI, and AHCI

I. **Imidazole-based hydrazones as potent anti-colon cancer agents: Design, synthesis, biological evaluation and computational studies**
Tapera M., Doğan E., Şahin K., Gözkamane G. A., Kekeçmuhammed H., Sandal S., GÜRKAN A., BORA R. E., Anber A., Durdagi S., et al.
Journal of Molecular Structure, vol.1318, 2024 (SCI-Expanded)

II. **Novel 1,2,4-triazole-maleamic acid derivatives: synthesis and evaluation as anticancer agents with carbonic anhydrase inhibitory activity**
Tapera M., Kekeçmuhammed H., TÜZÜN B., DURNA DAŞTAN S., Safa Çelik M., Taslimi P., DAŞTAN T., Topcu K. S. B., Cacan E., Şahin O., et al.
Journal of Molecular Structure, vol.1313, 2024 (SCI-Expanded)

III. **The Suppressive Effect of Novel Hydrazones-Tethered Imidazoles in HCT-116 and HT-29 Colorectal Cancer Cells: Synthesis, Biological Activity and Molecular Modeling Studies**
Kekecmuhammed H., Tapera M., Sahin K., Sever B. O., Anber A. M., Bora R. E., AVŞAR T., Kilic T., Gunger E., Saripinar E., et al.
CHEMISTRYSELECT, vol.9, no.19, 2024 (SCI-Expanded)

IV. **Molecular hybrids integrated with imidazole and hydrazone structural motifs: Design, synthesis, biological evaluation, and molecular docking studies**
Tapera M., Kekeçmuhammed H., SARIPINAR E., DOĞAN M., TÜZÜN B., KOÇYİĞİT Ü. M., Çetin F. N.
Journal of Molecular Liquids, vol.391, 2023 (SCI-Expanded)

V. **Design, synthesis, molecular docking and biological evaluation of 1,2,4-triazole derivatives possessing a hydrazone moiety as anti-breast cancer agents**
Tapera M., Kekeçmuhammed H., Tunc C. U., Kutlu A. U., ÇELİK İ., Zorlu Y., AYDIN Ö., SARIPINAR E.
New Journal of Chemistry, vol.47, no.24, pp.11602-11614, 2023 (SCI-Expanded)

VI. **Synthesis, Biological Activity Evaluation and Molecular Docking of Imidazole Derivatives Possessing Hydrazone Moiety**
Kekeçmuhammed H., Tapera M., Aydoğdu E., SARIPINAR E., Aydin Karatas E., Mehtap Uc E., Akyuz M., TÜZÜN B., GÜLÇİN İ., Emin Bora R. E., et al.
Chemistry and Biodiversity, vol.20, no.6, 2023 (SCI-Expanded)

VII. **Experimental and theoretical studies on 3-(4-chlorophenyl)-5-(4-ethoxyphenyl)-4,5-dihydropyrazole-1-carbonitrile: DFT quantum mechanical calculation, vibrational band analysis, prediction of activity spectra, and molecular docking**
Zeyrek C. T., Akman S., İLHAN İ. Ö., KÖKBUDAK Z., SARIPINAR E., AKKOÇ S.
Journal of Molecular Structure, vol.1276, 2023 (SCI-Expanded)

VIII. **Synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular docking studies of new imidazolyl hydrazone derivatives**
Tapera M., Kekeçmuhammed H., TÜZÜN B., SARIPINAR E., KOÇYİĞİT Ü. M., Yıldırım E., DOĞAN M., Zorlu Y.
Journal of Molecular Structure, vol.1269, 2022 (SCI-Expanded)

IX. **Synthesis, characterization, anti-tuberculosis activity and molecular modeling studies of thiourea derivatives bearing aminoguanidine moiety**
Tapera M., Kekecmuhammed H., Sahin K., Krishna V. S., Lherbet C., Homberset H., Chebaiki M., Tonjum T., Mourey L., Zorlu Y., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1270, 2022 (SCI-Expanded)

X. **Synthesis, Characterization, Biological Activity and Molecular Modeling Studies of Novel**

Aminoguanidine Derivatives
Doğan N., Çağlar Yavuz S., Sahin K., Orhan M. D., Muhammed H. K., Calis S., Öztürk Küp F., Avsar T., Akkoç S., Tapera M., et al.
CHEMISTRYSELECT, vol.7, no.45, pp.1-20, 2022 (SCI-Expanded)

XI. **Antiproliferative activity and molecular docking studies of new 4-oxothiazolidin-5-ylidene acetate derivatives containing guanylhydrazone moiety**
Al-Janabi I. A. S., Yavuz S. Ç., KÖPRÜ S., Tapera M., Kekeçmuhammed H., AKKOÇ S., TÜZÜN B., PATAT Ş., SARIPINAR E.
Journal of Molecular Structure, vol.1258, 2022 (SCI-Expanded)

XII. **Synthesis, Molecular Docking and Antiproliferative Activity Studies of a Thiazole-Based Compound Linked to Hydrazone Moiety**
Kekeçmuhammed H., Tapera M., Tüzün B., Akkoç S., Zorlu Y., Sarıpınar E.
CHEMISTRYSELECT, vol.7, no.26, pp.1-10, 2022 (SCI-Expanded)

XIII. **Combined 4D-QSAR and target-based approaches for the determination of bioactive Isatin derivatives**
Şahin K., Sarıpınar E., Durdağı S.
Sar And Qsar In Environmental Research, vol.1, no.1, pp.1-25, 2021 (SCI-Expanded)

XIV. **Efficient synthesis and molecular docking studies of new pyrimidine-chromeno hybrid derivatives as potential antiproliferative agents**
Yavuz S. Ç., Akkoç S., Tüzün B., Şahin O., Sarıpınar E.
Synthetic Communications, vol.51, pp.2135-2159, 2021 (SCI-Expanded)

XV. **Synthesis of novel heterocyclic compounds containing pyrimidine nucleus using the Biginelli reaction: Antiproliferative activity and docking studies**
Yavuz S. C., Akkoç S., Türkmenoğlu B., Sarıpınar E.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.57, no.6, pp.2615-2627, 2020 (SCI-Expanded)

XVI. **A novel hybrid method named electron conformational genetic algorithm as a 4D QSAR investigation to calculate the biological activity of the tetrahydrodibenzazosines**
Sahin K., Sarıpınar E.
JOURNAL OF COMPUTATIONAL CHEMISTRY, vol.41, no.11, pp.1091-1104, 2020 (SCI-Expanded)

XVII. **Discovery of hydrazone containing thiadiazoles as Mycobacterium tuberculosis growth and enoyl acyl carrier protein reductase (InhA) inhibitors**
Dogan H., DOĞAN Ş. D., GÜNDÜZ M. G., Krishna V. S., Lherbet C., Sriram D., Sahin O., Saripmar E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.188, 2020 (SCI-Expanded)

XVIII. **DiscoveryofhydrazonecontainingthiadiazolesasMycobacteriumtuberculosisgrowth andenoylacylcarrierproteinreductase(InhA)inhibitors**
Doğan H., Doğan D., Gözde Gündüz ., Lherbet C., Sriram D., Şahin O., Sarıpınar E.
European Journal Of Medicinal Chemistry, vol.1, no.1, pp.1-10, 2020 (SCI-Expanded)

XIX. **The Effect of Stereoisomerism on the 4D-QSAR Study of Some Dipeptidyl Boron Derivatives**
Çatalkaya S., Sabancı N., Çağlar Yavuz S., Sarıpınar E.
Computational Biology And Chemistry, vol.1, no.1, pp.1-16, 2019 (SCI-Expanded)

XX. **The cytotoxic activities of imidazole derivatives prepared from various guanylhydrazone and phenylglyoxal monohydrate**
Yavuz S. C., AKKOÇ S., SARIPINAR E.
SYNTHETIC COMMUNICATIONS, vol.49, no.22, pp.3198-3209, 2019 (SCI-Expanded)

XXI. **Molecular docking and 4D-QSAR model of methanone derivatives by electron conformational-genetic algorithm method**
Tüzün B., Sarıpınar E.
Journal Of The Iranian Chemical Society, vol.1, no.1, pp.1-16, 2019 (SCI-Expanded)

XXII. **DNA Cleavage Properties, Antimicrobial and Cytotoxic Activity and 4D-QSAR Analysis of Some Pyrazole Derivatives**
Köprü S., Kup F. O., Sabanci N., Çadır M., Bulut D. C., Duman F., İlhan İ. Ö., Sarıpınar E.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, pp.904-918, 2019 (SCI-Expanded)

XXIII. **4D-QSAR analysis and pharmacophore modeling for alkynylphenoxyacetic acids as CRTh2 (DP2) receptor antagonists**
Köprü S., Sarıpınar E.
TURKISH JOURNAL OF CHEMISTRY, vol.42, pp.1577-1597, 2018 (SCI-Expanded)

XXIV. **Synthesis and Single Crystal X-Ray Structure of 3,5-Diphenyl-1-(phenylacetyl)-4,5-dihydro-1H-pyrazol**
Kansiz S., Tınmaz F., İLHAN I. Ö., SARIPINAR E., Dege N.
CRYSTALLOGRAPHY REPORTS, vol.63, no.6, pp.937-941, 2018 (SCI-Expanded)

XXV. **Pharmacophore Modelling and 4D-QSAR Study of Ruthenium(II) Arene Complexes as Anticancer Agents (Inhibitors) by Electron Conformational-Genetic Algorithm Method**
Yavuz S., Sabanci N., SARIPINAR E.
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.14, no.1, pp.79-94, 2018 (SCI-Expanded)

XXVI. **4D-QSAR Study of Some Pyrazole Pyridine Carboxylic Acid Derivatives By Electron Conformational-Genetic Algorithm Method**
Tuzun B., YAVUZ S. C., Sabanci N., SARIPINAR E.
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.14, no.4, pp.370-384, 2018 (SCI-Expanded)

XXVII. **Crystal and Molecular Structure of 3,5-Diphenyl-4,5-dihydro-2-phenylcarboxamide-1H-pyrazole**
Tanak H., İLHAN I. Ö., Dege N., Akın N., SARIPINAR E.
CRYSTALLOGRAPHY REPORTS, vol.62, no.7, pp.1078-1082, 2017 (SCI-Expanded)

XXVIII. **4D-QSAR investigation and pharmacophore identification of pyrrolo[2,1-c][1,4]benzodiazepines using electron conformational-genetic algorithm method**
Ozalp A., Yavuz S., Sabanci N., Copur F., Kökbudak Z., Sarıpınar E.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.27, pp.317-342, 2016 (SCI-Expanded)

XXIX. **Crystal structure of 1-acetyl-3-(4-methylphenyl)-5-phenyl-4,5-dihydro-1H-pyrazole**
Bulbul H., TINMAZ F., Dege N., İLHAN I. Ö., SARIPINAR E.
CRYSTALLOGRAPHY REPORTS, vol.59, no.7, pp.1071-1073, 2014 (SCI-Expanded)

XXX. **Synthesis, spectroscopic (FT-IR/NMR) characterization, X-ray structure and DFT studies on (E)-2-(1-phenylethylidene) hydrazinecarboximidamide nitrate hemimethanol**
Ozdemir N., Inkaya E., SARIPINAR E., Akyuz L., İLHAN I. Ö., Aydin S., Dincer M., Buyukgungor O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.114, pp.175-182, 2013 (SCI-Expanded)

XXXI. **Conformation depends on 4D-QSAR analysis using EC-GA method: pharmacophore identification and bioactivity prediction of TIBOs as non-nucleoside reverse transcriptase inhibitors**
Akyuz L., SARIPINAR E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.4, pp.776-791, 2013 (SCI-Expanded)

XXXII. **4D-QSAR study of HEPT derivatives by electron conformational–genetic algorithm method**
SARIPINAR E.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, pp.409-433, 2012 (SCI-Expanded)

XXXIII. **Application of electron conformational-genetic algorithm approach to 1,4-dihydropyridines as calcium channel antagonists: pharmacophore identification and bioactivity prediction**
Gecen N., SARIPINAR E., Yanmaz E., Sahin K.
JOURNAL OF MOLECULAR MODELING, vol.18, no.1, pp.65-82, 2012 (SCI-Expanded)

XXXIV. **The Reactions of Some Pyrazole-3-carboxylic Acid and Carboxylic Acid Chlorides with Various Alcohols**
İlhan İ. Ö., Bahadır Ö., Kökbudak Z., Sarıpınar E.
Heterocyclic Communications, vol.24, no.1, pp.141-144, 2012 (SCI-Expanded)

XXXV. **Reactions of Some Pyrazole-3-Carboxylic Acid and Carboxylic Acid Chlorides with Various Alcohols**
İLHAN I. Ö., Bahadir O., Onal Z., SARIPINAR E.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.1, pp.141-144, 2012 (SCI-Expanded)

XXXVI. **4D-QSAR analysis and pharmacophore modeling: Electron conformational-genetic algorithm approach for penicillins**

Yanmaz E., SARIPINAR E., Sahin K., Gecen N., Copur F.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.19, no.7, pp.2199-2210, 2011 (SCI-Expanded)

XXXVII. **Quantitative bioactivity prediction and pharmacophore identification for benzotriazine derivatives using the electron conformational-genetic algorithm in QSAR**
Sahin K., SARIPINAR E., Yanmaz E., Gecen N.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.22, pp.217-238, 2011 (SCI-Expanded)

XXXVIII. **Pharmacophore identification and bioactivity prediction for triaminotriazine derivatives by electron conformational-genetic algorithm QSAR method**
SARIPINAR E., Gecen N., Sahin K., Yanmaz E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.45, no.9, pp.4157-4168, 2010 (SCI-Expanded)

XXXIX. **Synthesis and Reactions of Some 1H-Pyrazole-3 Carboxylic Acid Chloride"**
İlhan İ. Ö., Zuhal S., Kökbudak Z., Sarıpınar E.
Heterocyclic Communications, vol.15, no.4, pp.278-284, 2009 (SCI-Expanded)

XL. **SYNTHESIS AND REACTIONS OF SOME 1H-PYRAZOLE-3 CARBOXYLIC ACID CHLORIDE**
İLHAN I. Ö., ZUHAL S., Onal Z., SARIPINAR E.
HETEROCYCLIC COMMUNICATIONS, vol.15, no.4, pp.279-284, 2009 (SCI-Expanded)

XLI. **New beta-tricarbonyl compounds: Synthesis, reactions with urea and some thioureas**
Sacmaci M., Alkan A., SAÇMACI Ş., SARIPINAR E., ŞAHİN E.
HETEROCYCLES, vol.75, no.8, pp.2013-2021, 2008 (SCI-Expanded)

XLII. **A convenient synthesis of functionalized 1H-pyrimidine-2-ones/thiones, pyridazine and imidazole; Experimental data and PM3 calculations**
Saripinar E., Yılmaz C., Unal D., Ilhan I. Ö., Yazır N., Akcamur Y.
HETEROCYCLES, vol.68, no.10, pp.2045-2062, 2006 (SCI-Expanded)

XLIII. **2-(1-phenylethylideneamino) guanidine**
DEMIR S., Dincer M., Saripinar E.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)

XLIV. **A new method for the preparation of pyridazine systems: Experimental data and semiempirical PM3 calculations**
Unal D., Saripinar E., Akcamur Y.
TURKISH JOURNAL OF CHEMISTRY, vol.30, no.6, pp.691-701, 2006 (SCI-Expanded)

XLV. **N-(2,4-Dimethoxybenzylideneamino)guanidiniurn dihydrogenphosphate**
DINCER M., OZDEMIR N., Saripinar E., KULAK L., BUYUKGUNGOR O.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (SCI-Expanded)

XLVI. **Reaction of some furan-2,3-diones with various 1,2-phenylenediamines**
Saripinar E., SAGLAM E., ONCEL T., ILHAN I., GOKTAS L., KOK T. R., AKCAMUR Y.
HETEROCYCLES, vol.65, no.9, pp.2161-2167, 2005 (SCI-Expanded)

XLVII. **Synthesis and thermolysis of the 2,3-dihydro-1H-pyrole-2,3-diones, pseudopericyclic reactions of formyl(N-phenylimidoyl)ketene: Experimental data and PM3 calculations.**
Saripinar E., KARATAS S.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.42, no.5, pp.787-796, 2005 (SCI-Expanded)

XLVIII. **5-(4-methoxybenzoyl)-4-(4-methoxyphenyl)-1-[1-(4-methoxyphenyl)ethylidenenamino]pyrimidin-2(1H)-one**
OZCELIK S., DINCER M., Saripinar E., YILMAZ C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)

XLIX. **Synthesis of some pyrazole-3-carboxylic acid-hydrazide and pyrazolopyridazine compounds**
ILHAN I., Saripinar E., AKCAMUR Y.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.42, no.1, pp.117-120, 2005 (SCI-Expanded)

L. **Synthesis of novel proponohydrazides and their hydrolysis reactions**
SACMACI M., Saripinar E., AKCAMUR Y.
TURKISH JOURNAL OF CHEMISTRY, vol.29, no.4, pp.401-407, 2005 (SCI-Expanded)

LI. **Reactions of cyclic oxalyl compounds, synthesis of functionalized hydrazono-2H-imidazol-4,5(1H,**

3H)dione: Experimental data and AMI calculations
Saripinar E., AKCAMUR Y., KOLLENZ G.
ASIAN JOURNAL OF CHEMISTRY, vol.17, no.1, pp.395-403, 2005 (SCI-Expanded)

LII. **Double Mitsunobu reactions of cis-cycloalk-2-ene-1,4-diols and 3,4-epoxycycloalkenes: Rearrangements of allylic diazides**
GOKSU S., OZALP C., SECEN H., SUTBEYAZ Y., Saripinar E.
SYNTHESIS-STUTTGART, no.17, pp.2849-2854, 2004 (SCI-Expanded)

LIII. **Reactions of cyclic oxalyl compounds, reaction of some furan-2,3-diones with various hydrazine derivatives**
ILHAN I., AKCAMUR Y., Saripinar E., ASLAN E.
ASIAN JOURNAL OF CHEMISTRY, vol.15, no.3, pp.1373-1379, 2003 (SCI-Expanded)

LIV. **Synthesis, structural and spectral studies of N-p-methylbenzyliden-N-phenyl-p,p '-dimethoxybenzoyl acetic acid hydrazide**
ULKU D., ARICI C., ERCAN F., SACMACI M., Saripinar E., AKCAMUR Y.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE, vol.218, no.5, pp.377-380, 2003 (SCI-Expanded)

LV. **Synthesis and structural investigation of (4-methoxy-phenyl)-[4-(4-methoxy-phenyl)-1-(1-phenylethylideneamino)-2-thioxo-1,2-dihydro-pyrimidin-5-yl]-methanone**
AKKURT M., Saripinar E., OZTURK S., YILMAZ C., FUN H.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE, vol.218, no.7, pp.488-491, 2003 (SCI-Expanded)

LVI. **On the synthesis of some N-Alkyl Pyrimidine derivatives and determination of their structures**
Yildirim İ., AKCAMUR Y., Saripinar E., KOLLENZ G.
KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.29, no.2, pp.57-65, 2002 (SCI-Expanded)

LVII. **Reactions of alpha-oxo ketenes with amides: Experimental data and semiempirical AM1 molecular orbital calculations**
Saripinar E., ILHAN I., AKCAMUR Y.
HETEROCYCLES, vol.57, no.8, pp.1445-1459, 2002 (SCI-Expanded)

LVIII. **4-(4-Methoxybenzoyl)-5-(4-methoxyphenyl)-2,3-dihydro-2,3-furandione**
HOKELEK T., Saripinar E., Yildirim İ., AKKURT M., AKCAMUR Y.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)

LIX. **Reactions of 1-amino-5-benzoyl-4-phenyl-1H-pyrimidine-2-one with carboxylic anhydrides: Experimental data and AM1 calculations**
ONAL Z., Saripinar E., ILHAN I.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.38, no.2, pp.397-402, 2001 (SCI-Expanded)

LX. **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)

LXI. **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)

LXII. **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)

LXIII. **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)

LXIV. **Norcaradiene-cycloheptatriene substituted in position 7: Investigation of the valence isomerization equilibrium**

Guzel Y., Saripinar E., Yildirim I.
MONATSHEFTE FUR CHEMIE, vol.127, no.5, pp.513-517, 1996 (SCI-Expanded)

LXV. **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 FUR CHEMIE, vol.127, no.5, pp.505-512, 1996 (SCI-Expanded)

LXVI. **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)

LXVII. **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)

LXVIII. **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)

LXIX. **Electronic topolocigal 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)

LXX. **STRUCTURE OF 1-AMINO-5-BENZOYL-4-PHENYL-1H-PYRIMIDINE-2-THIONE**
AKKURT M., GULDESTE A., SOYLU H., ALTURAL B., SARIPINAR E.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.48, pp.315-317, 1992 (SCI-Expanded)

LXXI. **REACTIONS OF CYCLIC OXALYL COMPOUNDS .29. A SIMPLE SYNTHESIS OF FUNCTIONALIZED 1H-PYRIMIDINES**
ALTURAL B., AKCAMUR Y., SARIPINAR E., YILDIRIM İ., KOLLENZ G.
MONATSHEFTE FUR CHEMIE, vol.120, no.11, pp.1015-1020, 1989 (SCI-Expanded)

LXXII. **REACTIONS OF OXALYL COMPOUNDS .28. A CONVENIENT SYNTHESIS OF FUNCTIONALIZED 1H-PYRIMIDINE-2-THIONES**
AKCAMUR Y., ALTURAL B., SARIPINAR E., KOLLENZ G., KAPPE O., PETERS K., PETERS E., VONSCHNERING H.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.25, no.5, pp.1419-1422, 1988 (SCI-Expanded)

Articles Published in Other Journals

I. **4D-QSAR analysis and pharmacophore modeling: propoxy methylphenyl oxasiazole derivatives by electron conformatitional-genetic algorithm method**
TÜZÜN B., ÇAĞLAR YAVUZ S., SARIPINAR E.
Journal of Physical and Theoretical Chemistry, vol.14, pp.149-164, 2017 (Peer-Reviewed Journal)

II. **Synthesis of Copper Ion Incorporated Aminoguanidine Derivatives-Based Hybrid Nanoflowers**
ÇAĞLAR YAVUZ S., Yılmaz B. S., ÖZDEMİR N., SARIPINAR E.
Proceedings, vol.1, no.10, pp.1008, 2017 (Peer-Reviewed Journal)

III. **SİLANONLARIN ELEKTRONİK YAPILARININ VE HİDRASYON MEKANİZMALARININ TEORİK İNCELENMESİ**
Şahan H., Göktepe H., Ünal D., Sarıpınar E.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.1, pp.77-86, 2004 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **1,3-Diaminoguanidin Türevlerinin Ninhidrin Ve Malononitril İle Çok Bileşenlenli Reaksiyonları**
Doğan E., Duran F. İ., BORA R. E., Tapera M., ZORLU Y., SARIPINAR E., Kekeçmuhammed H.
İZU Fen ve Mühendislik Bilimler Lisansüstü Öğrenci Kongresi, 04 June 2022, (Summary Text)

II. **Guanilhidrazonların Ninhidrin İle Reaksiyonlarının Mekanistik İncelenmesi**
Özyaycı A., Kekeçmuhammed H., Tapera M., BORA R. E., ZORLU Y., İLHAN İ. Ö., SARIPINAR E.
33. Ulusal Online Kimya Kongresi, 07 October 2021, (Summary Text)

III. **5-(2-Aminofenil)-2-((Arilidin)Hidrazilidin)-2,3-Dihidro-4-İmidazol-4-On Türevlerinin Sentezi Ve Karakterizasyonu**
Tapera M., Özyaycı A., Kekeçmuhammed H., BORA R. E., ZORLU Y., SARIPINAR E.
33. Ulusal Online Kimya Kongresi, 07 October 2021, (Summary Text)

IV. **Pirimidin-İmidazol Zwitter İyon Tuzlarının Sentezi**
Kekeçmuhammed H., Tapera M., BORA R. E., SARIPINAR E.
33. Ulusal Online Kimya Kongresi, 07 October 2021, (Summary Text)

V. **Fenilglioksal, Meldrum's Asidi ve Guanilhidrazonların Reaksiyonları**
Efe R., Kekeçmuhammed H., Tapera M., BORA R. E., ZORLU Y., SARIPINAR E.
33. Ulusal Online Kimya Kongresi, 07 October 2021, (Summary Text)

VI. **4D-QSAR ANALYSIS OF SOME PYRAZINE ANALOGUES AS PDE 2 INHIBITORS**
Köprü S., Sarıpınar E.
USBIK 2021 ONLINE INTERNATIONAL CONGRESS ON NATURAL SCIENCES, Kayseri, Turkey, 26 - 28 February 2021, pp.67-68, (Summary Text)

VII. **Cytotoxic Activity Properties of Pyrimidine Derivative Compounds**
ÇAĞLAR YAVUZ S., AKKOÇ S., SARIPINAR E.
II.INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, (BILMES SCI 2018), 5 - 08 July 2018, (Summary Text)

VIII. **A New Dimethylacetylenedicarboxylate(DMAD) Derivative and Its Cu(II) Complex**
ASLAN H. G., Çağlar Yavuz S., Sarıpınar E.
II. Inrenational Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, (Full Text)

IX. **"Reactions of Aminoguanidine Derivatives with Dimethyl Acetylenedicarboxylate"**
KARATAŞ H., ÇAĞLAR YAVUZ S., SARIPINAR E., TÜRKMENOĞLU B., KÖKBUDAK Z.
2nd International Scientific and Vocational Studies Congress, BILMES CONGRESS 2018, Nevşehir, Turkey, 5 - 08 July 2018, (Summary Text)

X. **REACTIONS OF AMINOGUANIDINE DERIVATIVES WITH DİMETHYL ACETYLENEDICARBOXYLATE**
KÖKBUDAK Z., ÇAĞLAR YAVUZ S., KARATAŞ H., TÜRKMENOĞLU B., SARIPINAR E.
II.INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, (BILMES SCI 2018), 5 - 08 July 2018, (Summary Text)

XI. **Synthesis of Some Imidazole Derivatives**
ÇAĞLAR YAVUZ S., SARIPINAR E.
INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS (PCFM'18), ELAZIĞ, TÜRKIYE,, 19 - 21 June 2018, (Summary Text)

XII. **Synthesis and Characterization of Some Thiazolidine Derivatives**
ÇAĞLAR YAVUZ S., AL-JANABIA I., SARIPINAR E., PATAT Ş.
INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS (PCFM'18), Elazığ, Turkey, 19 - 21 June 2018, pp.1, (Full Text)

XIII. **Synthesis and Characterization of Some Imidazole Derivatives**
ÇAĞLAR YAVUZ S., SARIPINAR E.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.1, (Full Text)

XIV. **Synthesis of Pyrimidine Derivatives by Biginelli Reactions**
ÇAĞLAR YAVUZ S., SARIPINAR E.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.1, (Full Text)

XV. **Synthesis of copper ion incorporated aminoguanidine derivatives -based hybrid nanoflowers**
ÇAĞLAR YAVUZ S., SOMTÜRK YILMAZ B., ÖZDEMİR N., SARIPINAR E.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017, (Full Text)

XVI. **Reaction of N (aminoamidino) thiourea derivatives with dimethylacetylene dicarboxylate**
AL JANABI I. A. S., ÇAĞLAR YAVUZ S., KÖPRÜ S., SARIPINAR E.
5th International Bau Drug Design Congress, 19 - 21 October 2017, (Summary Text)

XVII. **4D-QSAR Analysis and Pharmacophore Modeling: Electron Conformational-Genetic Algorithm Approach for Imidazo Derivatives**
ÇAĞLAR YAVUZ S., MEMİŞ Y., KÖPRÜ S., SARIPINAR E.
5th International Bau Drug Design Congress, 19 - 21 October 2017, (Summary Text)

XVIII. **Synthesis of Hydrazino-Pyrimidine Derivatives by Multi-Component Reactions**
ÇAĞLAR YAVUZ S., KARATAŞ H., SABANCI N., KÖKBUDAK Z., ÖZTÜRK KÜP F., SARIPINAR E.
5th International Bau Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017, (Summary Text)

XIX. **SYNTHESIS AND CHARACTERIZATION OF NEW HETEROCYCLICCOMPOUNDS**
ÇAĞLAR YAVUZ S., SARIPINAR E.
I. International Scientific and Vocational Studies Congress, 5 - 08 October 2017, (Summary Text)

XX. **APPLICATION OF EC-GA METHOD TO PHTHALAZINE ANALOGUES AS GABAA RECEPTOR ANTAGONISTS**
Köprü S., Sarıpınar E.
3rd Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-3), 2017 Cyprus, Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.274-275, (Full Text)

XXI. **APPLICATION OF EC-GA METHOD TO PHTHALAZINE ANALOGUES AS GABAA RECEPTOR ANTAGONISTS**
Köprü S., Sarıpınar E.
3rd Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-3), 2017 Cyprus, Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.274-275, (Summary Text)

XXII. **4D-QSAR STUDIES AND PHARMOCOPHORE MODELLING OF PHENYLPYRAZINE DERIVATIVES AS PHOSPHODIESTERASE 10A INHIBITORS BY EC-GA METHOD**
Köprü S., Sarıpınar E.
3rd Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-3), Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.221-275, (Full Text)

XXIII. **4D-QSAR STUDIES AND PHARMOCOPHORE MODELLING OF PHENYLPYRAZINE DERIVATIVES AS PHOSPHODIESTERASE 10A INHIBITORS BY EC-GA METHOD**
Köprü S., Sarıpınar E.
3rd Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-3), Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.221-275, (Summary Text)

XXIV. **4d-qsar ec-ga metodu ile oksadiazol bileşik serisinin farmakofor grubunun belirlenmesi ve biyoaktivite hesabı**
TÜZÜN B., SARIPINAR E.
5.ilaç kimyası kongresi, 30 March - 02 April 2017, (Summary Text)

XXV. **4d-qsar ec-ga metodu ile pirimidin bileşik serisinin farmakofor grubunun belirlenmesi ve biyoaktivite hesabı**
TÜZÜN B., SARIPINAR E.
5. ilaç kimyası kongresi, 30 March - 02 April 2017, (Summary Text)

XXVI. **Yeni Oksotiazolidin Türevlerinin Sentezi ve Karakterizasyonu**
DOĞAN N., ÇAĞLAR YAVUZ S., KARATAŞ H., KÖPRÜ S., ŞAHİN O., KÖKBUDAK Z., SARIPINAR E.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017, (Summary Text)

XXVII. **İmidazo[4,5] Piridin-2-on Türevlerinin Elektron Konformasyonal-Genetik Algoritma Metodu (EC-GA) İle 4D-Qsar Analizi**

MEMİŞ Y., ÇAĞLAR YAVUZ S., KÖPRÜ S., SARIPINAR E.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, İstanbul, Turkey, 30 March - 02 April 2017, pp.262, (Full Text)

XXVIII. **4D-QSAR Analysis of Some Dipeptidyl Boron Compounds: Pharmacophore Identification and Bioactivity Estimation**
Çatalkaya S., ÇAĞLAR YAVUZ S., Sabancı N., SARIPINAR E.
2thINTERNATIONAL TURKIC WORLD CONFERANCE ON CHEMICAL SCIENCES AND TECHNOLOGIES, Skopje, Macedonia, 26 - 30 October 2016, (Full Text)

XXIX. **4D QSAR Analysis of Some Dipeptidyl Boron Compounds Pharmacophore Identification and Bioactivity Estimation 2thINTERNATIONAL TURKIC WORLD CONFERANCE ON CHEMICAL SCIENCES AND TECHNOLOGIES SKOPJE MAKEDONYA 26 30 Ekim 2016 pp OR 142 OR 14**
ÇATALKAYA S., YAVUZ S., SABANCI N., SARIPINAR E.
2thINTERNATIONAL TURKIC WORLD CONFERANCE ON CHEMICAL SCIENCES AND TECHNOLOGIES., 26 - 30 October 2016, (Summary Text)

XXX. **Investigation of Effect of the Phenylpyrazole Glutamic Acid Piperazine Compounds as an Coagulation Inhibitor on P2Y12 Ki Receptor by 4D QSAR EC GA Method**
ÖZDOĞAN r., YAVUZ ÇAĞLAR s., SARIPINAR E.
4th International Bahçeşehir University (BAU) Drug Design Congress, 13 - 15 October 2016, (Summary Text)

XXXI. **Synthesis oF Guanidine Based Oxothiazolidine Derivatives and Quantum-Chemical Calculations**
Doğan N., KARATAŞ H., ÇAĞLAR YAVUZ S., SARIPINAR E.
28. National Chemistry Congress, Mersin, Turkey, 15 - 21 August 2016, (Full Text)

XXXII. **A Challenge On Synthesis Of 4 Amino 2 2 Benzylidenehydrazinyl 6 Phenyl Pyrimidine 5 Carbonitrile One Step Versus Multi Steps**
KARATAŞ H., kökbudak z., SARIPINAR E.
Anatolian Conference On Synthetic Organic Chemistry Acsoc II, 21 - 24 March 2016, (Summary Text)

XXXIII. **Synthesis of novel highly functionalized 4 oxothiazolidin 5 ylidene acetate derivatives from thiocarbamoylguanidines**
doğan n., KARATAŞ H., kökbudak z., SARIPINAR E.
Anatolian Conference On Synthetic Organic Chemistry Acsoc II, 21 - 24 March 2016, (Summary Text)

XXXIV. **A Challenge On Synthesis Of 4-Amino-2-(2-Benzylidenehydrazinyl)-6-Phenyl Pyrimidine-5-Carbonitrile One-Step Versus Multi-Steps**
KARATAŞ H., KÖKBUDAK Z., SARIPINAR E.
Anatolian Conference On Synthetic Organic Chemistry Acsoc II, Aydın, Turkey, 21 - 24 March 2016, pp.101, (Full Text)

XXXV. **"4D-QSAR Investigation And Pharmacophore Identification Of Pyrrolo[2,1-C][1,4]Benzodiazepines Using Ec-Ga Method"**
ÖZALP A., ÇAĞLAR YAVUZ S., Sabancı N., Çopur F., KÖKBUDAK Z., SARIPINAR E.
"3rd. International BAU-Drug Design Congress", İstanbul, Turkey, 1 - 03 October 2015, pp.207, (Full Text)

XXXVI. **"1-Amino-5-(4-metoksibenzoıl)-4-(4-metoksifenil)-1H-pirimidin-2-on bileşiğinin İzotiyosiyanat ve İzosiyanat Türevleri ile Reaksiyonları"**
Yalçın E., KARATAŞ H., KÖKBUDAK Z., SARIPINAR E., Ugur S.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.372, (Full Text)

XXXVII. **Malonnitril, Aldehit ve Tiyosemikarbazon Bileşiklerinden Üç Bileşenli Yeni 4-Amino-5-karbonitril Pirimidin Sentezi ve HF Hesaplamaları"**
KÖKBUDAK Z., SARIPINAR E., KARATAŞ H., Sabancı N., ÇAĞLAR YAVUZ S., ÖZTÜRK KÜP F., Doğan N.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.529, (Full Text)

XXXVIII. **"Yeni dihidropirazolo[1,5-c]pirimidin-7(3H)-on Bileşiklerinin Sentezleri ve Yapı Tayini"**
Ugur S., KARATAŞ H., KÖKBUDAK Z., SARIPINAR E., İLHAN I. Ö., Özdemir F., Yalçın E.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.385, (Full Text)

XXXIX. **"Melanokortin-4 Türevlerinin Elektron Konformasyonel-Genetik Algoritma (EC-GA) Yötemi ile Nicel Yapı Aktivite İlişkisinin İncelenmesi ve Aktif Yapının Belirlenmesi",**

ÖZALP A., ÇAĞLAR YAVUZ S., KÖKBUDAK Z., SARIPINAR E.
3. İlaç Kimyası, Antalya, Turkey, 20 - 22 March 2015, pp.5, (Full Text)

XL. **Elektron Konformasyonel Genetik Algoritma 4D Qsar Metodu Ile Benzodiazepin Serisinde GI50 Aktivitesi Için Farmakofor Belirlenmesi Ve Biyoaktivite Hesabı**
ÖZALP A., ÇAĞLAR YAVUZ S., KÖKBUDAK Z., SARIPINAR E.
3. İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.4, (Full Text)

XLI. **KARBOHİDRAZİT TÜREVLERİNİN ELEKTRON KONFORMASYONEL-GENETİK ALGORİTMA METODU (EC-GA) İLE 4D-QSAR ANALİZİ**
Sarıpınar E., İlhan I. Ö., Öztürk Küp F., Köprü S., Çadır M., Duman F.
2.İLAÇ KİMYASI, ÜRETİMİ, TEKNOLOJİSİ VE STANDARDİZASYONU KONGRESİ, Antalya, Turkey, 21 March 2013 - 23 March 2014, pp.13-14, (Summary Text)

XLII. **Silanaonların Elektronik Yapılarının ve Hidratasyon Mekanizmalarının İncelenmesi**
ŞAHAN H., GÖKTEPE H., SARIPINAR E.
XV. Ulusal Kimya Kongresi, Turkey, 4 - 07 September 2001

XLIII. **oxo Ketenlerin Amidlerle Reaksiyonları Deneysel Veriler ve Semiemprik AM1 Hesaplamaları**
SARIPINAR E., İLHAN İ. Ö., KÖKBUDAK Z., YILDIRIM İ., AKÇAMUR Y.
XV. Ulusal Kimya Kongresi, Turkey, 4 - 07 September 2001, (Summary Text)

XLIV. **1 Amino 5 benzoil 4 fenil 1H pirimidin 2 on Bileşiğinin Bazı Karboksilliasit Anhidritleri ile Reaksiyonları AM1 Hesaplamaları ve Deneysel Veriler**
SARIPINAR E., KÖKBUDAK Z., İLHAN İ. Ö., ALTURAL B.
XV. Ulusal Kimya Kongresi, Turkey, 4 - 07 September 2001, (Summary Text)

XLV. **4 Metoksibenzoil 5 metoksifenil furan 2 3 dion Sentezi Diels Alder Reaksiyonları Deneysel Veriler ve Semiemprik Hesaplamalar**
SARIPINAR E., KARATAŞ S., KÖKBUDAK Z., İLHAN İ. Ö.
XII. Ulusal Kimya Kongresi, Turkey, 7 - 11 September 1998, (Summary Text)

XLVI. **Electron-Topological (ET) Method and Experience of its Application to the Search of Odourant Compounds**
DİMOGLO 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, (Summary Text)

XLVII. **Investigation of the Fragrance Origin in the Series of Compounds Possessing Sandalwood Odour**
DİMOGLO A., Shvets N., Kheifics L., Aulchenko I., SARIPINAR E., YILDIRIM İ., GÜZEL Y.
Proceeding of the 13th International Congress Flavours, Fragrances and Essential Oils (ICEOFF'95), İstanbul, Turkey, 1 - 04 October 1995, no.3, (Summary Text)

XLVIII. **Electron-topological Investigation of the Structure Activity Relationships in the Series of Inhibitors of Glycolic Acid Oxidase**
GÜZEL Y., ACEMİOĞLU B., SARIPINAR E., SARAÇOĞLU M., DİMOGLO A.
35th IUPAC (International Unione of Pure and Applied Chemistry) Congress, İstanbul, Turkey, 1 - 04 August 1995, (Summary Text)

XLIX. **QSAR investigations in the series of compounds possessing antibacterial features: electron-topological approach, (Barselona)**
DİMOGLO A., Shvets N., SARIPINAR E., GÜZEL Y., PATAT Ş., YILDIRIM İ.
10th European Symposium on structure-activity relationship: QSAR and Molecular Modelling, Barselona, 1 - 04 September 1994, (Summary Text)

L. **1-amino-5-benzoil-4-fenil-1H-primidin-2-thione" [C17H13N3S] kristalinin X-ışınları difraksiyon yöntemiyle yapı analizi**
GÜLDESTE A., AKKURT M., Soylu H., Altural B., Sarıpınar E.
II. Ulusal Üniversite Sanayi İşbirligi Sempozyumu, Kayseri, Turkey, 23 - 25 June 1988, pp.1, (Full Text)

Other Publications

I. **Synthesis of Copper Ion Incorporated Aminoguanidine Derivatives-Based Hybrid Nanoflowers**
Çağlar Yavuz S., Somtürk Yılmaz B., Özdemir N., Sarıpınar E.
Other, pp.1008, 2017

Funded Projects

SARIPINAR E., Project Supported by Higher Education Institutions, Guanilhidrazonların Dikarbonil Bileşikleri İle Reaksiyonlarının Mekanistik İncelenmesi, 2024 - Continues
KÖKBUDAK Z., SARIPINAR E., AKKOÇ S., KARATAŞ H., TÜZÜN B., Project Supported by Higher Education Institutions, Bazı Heterosiklik Bileşiklerin Sentezlenmesi Antiproliferatif Aktivitelerinin ve Teorik Hesaplama Çalışmalarının Yapılması, 2022 - Continues
Sarıpınar E., KOSGEB, Povidon iyoot üretimi , 2024 - 2027
Sarıpınar E., KOSGEB, katı povidon iyot üretimi, 2024 - 2026
SARIPINAR E., NOORI F., Project Supported by Higher Education Institutions, TRİAZİN TÜREVLİ HİDRAZİNKARBOTİYOAMİTLER İLE ASETİLENDİKARBOKSİLATIN REAKSİYONU, 2024 - 2024
SARIPINAR E., DOĞAN E., Project Supported by Higher Education Institutions, YENİ İMİDAZOLBENZAMİT VE İNDENOİMİDAZOL TÜREVLERİNİN SENTEZİ, 2022 - 2024
SARIPINAR E., EFE R., Project Supported by Higher Education Institutions, FENİL GLİOKSAL MELDRUM'S ASİDİ VE GUANİLHİDRAZONLARIN REAKSİYONLARI, 2021 - 2024
SARIPINAR E., KEKEÇMUHAMMED H., Project Supported by Higher Education Institutions, GUANİLHİDRAZONLARIN KARBONİL VE AKTİF METİLEN BİLEŞİKLERİ İLE REAKSİYONLARI, 2021 - 2024
SARIPINAR E., BORA R. E., TAPERA M., KEKEÇMUHAMMED H., Project Supported by Higher Education Institutions, 1,3-Diaminoguanidin Türevlerinin Ninhidrin Ve Malononitril İle Çok Bileşenli Reaksiyonları, 2022 - 2023
SARIPINAR E., TAPERA M., Project Supported by Higher Education Institutions, SYNTHESIS AND CHARACTERIZATION OF NOVEL IMIDAZOLE, TRIAZOLE AND THIAZOLE DERIVATIVES WITH GUANYL HYDRAZONE MOIETY, 2021 - 2023
SARIPINAR E., BURAN S., Project Supported by Higher Education Institutions, NANOKATALİZÖRLER KULLANARAK İMİDAZOL VE TİYAZOLİDİN İÇEREN PENİSİLİN VE TRİAZOL BİLEŞİKLERİNİN SENTEZİ, 2021 - 2023
SARIPINAR E., ACER Y., Project Supported by Higher Education Institutions, OKSOİMİDAZOLİDİN ASETİK ASİT TÜREVLERİNİN SENTEZİ, 2020 - 2023
İLHAN İ. Ö., ÇADIR M., SARIPINAR E., Project Supported by Higher Education Institutions, Pirimidin ve İmidazol Halkası İçeren Yeni 6-Aminopenisilanik Asit Bileşiklerinin Sentezi ve Karakterizasyonu, 2015 - 2023
HAMURCU Z., ÇINAR V., ALBAYRAK S., TAPERA M., KEKEÇMUHAMMED H., SARIPINAR E., Project Supported by Higher Education Institutions, Kromon temelli pirimidin türevlerinin agresif meme kanser hücre hattı olan MDA-MB-231 hücrelerinin proliferasyonuna/canlılığına etkisinin araştırılması, 2021 - 2022
İLHAN İ. Ö., SARIPINAR E., ÖZYAYCI A., Project Supported by Higher Education Institutions, GUANİLHİDRAZONLARIN NİNHİDRİN İLE REAKSİYONLARININ MEKANİSTİK İNCELENMESİ, 2021 - 2022
İLHAN İ. Ö., SARIPINAR E., AYDOĞDU E., Project Supported by Higher Education Institutions, “Guanilhidrazonların dietilmaleat ile reaksiyonlarından yeni oksoimidazolidin türevlerinin sentezi”, 2020 - 2022
SARIPINAR E., BURCU H. J., Project Supported by Higher Education Institutions, Meldrum Asiti, Guanilhidrazon ve Karbonil Bileşiklerinden Pirimidinlerin Sentezi, 2019 - 2022
SARIPINAR E., ÇAĞLAR YAVUZ S., Project Supported by Higher Education Institutions, Pirimidin Bazlı Bileşiklerin Sentezi, 2019 - 2020
SARIPINAR E., ASLANTAŞ A., Project Supported by Higher Education Institutions, POLİPROPİLENPOLİAMİD POLİMERLERİNİN ENJEKSİYON ŞARTLARININ MOBİLYA SANAYİSİ İÇİN OPTİMİZASYONU, 2018 - 2020
SARIPINAR E., DOĞAN H., ÇETİN M., UGUR S., ÇAĞLAR YAVUZ S., DOĞAN Ş. D., Project Supported by Higher Education Institutions, Glikozillenmiş Kemoterapötik İlaçlar Geliştirme: Glikolize-Melphalan Türevlerinin Sentezi, 2018 - 2020
SARIPINAR E., DOĞAN Ş. D., DOĞAN H., Project Supported by Higher Education Institutions, NAMİNOAMİDİNOTİYOURE TÜREVLERİNİN PIFA ORTAMINDA SİKLİZASYON REAKSİYONLARININ ARAŞTIRILMASI, 2019 - 2019

SARIPINAR E., ÇAĞLAR YAVUZ S., Project Supported by Higher Education Institutions, PİRİMİDİN VE İMİDAZOL ÇEKİRDEĞİ İÇEREN BİLEŞİKLERİN SENTEZİ VE İN VİTRO SİTOTOKSİK AKTİVİTE ÇALIŞMALARI, 2016 - 2019
PATAT Ş., AL-JANABI I., SARIPINAR E., Project Supported by Higher Education Institutions, REACTION OF N-(AMINOAMIDINO)THIOUREA DERIVATIVES WITH DIMETHYLACETYLENE DICARBOXYLATE, 2017 - 2018
SARIPINAR E., AYDIN S., Project Supported by Higher Education Institutions, Fenilpirazin, Alkinilfenoksiasetik Asit, Fitalazin Türevlerinin Elektron Konformasyonal-Genetik Algoritma Metodu ile (EC-GA) 4D-QSAR Analizi, 2012 - 2018
SARIPINAR E., ÇAĞLAR YAVUZ S., Project Supported by Higher Education Institutions, GUANİDİN BAZLI OKSOTİAZOLİDİN TÜREVLERİNİN SENTEZİ VE KARAKTERİZASYONU, 2017 - 2017
SARIPINAR E., DOĞAN N., Project Supported by Higher Education Institutions, ÇOK FONKSİYONLU 4-OKSOTİYOAZOLİDİN SENTEZİ VE KUANTUM HESAPLAMALARI, 2016 - 2017
SARIPINAR E., KÖKBUDAK Z., ÖZTÜRK KÜP F., SABANCI N., ÇAĞLAR YAVUZ S., KARATAŞ H., DOĞAN N., Project Supported by Higher Education Institutions, Çok Bileşenli Reaksiyonlar: Ugi-Biginelli Melez Reaksiyonlarının Geliştirilmesi ve Heterosiklik Bileşiklerin Sentezi, Biyoaktivite ve 4D-QSAR Çalışmaları, 2014 - 2017
SARIPINAR E., ÖZDOĞAN R., Project Supported by Higher Education Institutions, ELEKTRON KONFORMASYONEL-GENETİK ALGORİTMA METODU İLE FENİLPİRAZOLGLUTAMİK ASİT PİPERAZİN BİLEŞİKLERİNDE FARMAKOFOR BELİRLENMESİ VE 4D-QSAR ANALİZİ, 2016 - 2016
İLHAN İ. Ö., ÇAĞLAR S., SARIPINAR E., GÜRBÜZ BOZ F., Project Supported by Higher Education Institutions, EC-GA Metodu ile Diketopiperazin türevlerinde farmakofor grubun belirlenmesi ve bioaktivite tahmini : 4D-QSAR YAKLAŞIMI, 2012 - 2015
SARIPINAR E., ÇATALKAYA S., AYDIN S., ÇAĞLAR S., KESKİN H., Project Supported by Higher Education Institutions, Benzotiyenopirimidin Bileşik Serisinin Elektron Konformasyon-Genetik Algoritma (EC-GA) Yöntemi İle QSAR İncelenmesi, 2011 - 2014
SARIPINAR E., ÇAĞLAR S., Project Supported by Higher Education Institutions, Rutenyum(II) Aren Komplekslerinin Elektron Konformasyonel-Genetik Algoritma (EC-GA) Metodu ile Farmakofor Modellemesi ve 4D QSAR Analizi, 2012 - 2013
SARIPINAR E., GEÇEN N., Project Supported by Higher Education Institutions, 14-DİHİDROPİRİDİN TÜREVLERİNİN NİCEL YAPI AKTİVİTE İLİŞKİLERİNİN İNCELENMESİ VE AKTİF YAPININ BELİRLENMESİ, 2009 - 2011
SARIPINAR E., Project Supported by Higher Education Institutions, Elektron Konformasyonel Genetik Algoritma 4D Qsar Metodu İle Pirazol, Benzotriazin, Dibenzazosin ve Kinazolin Serilerinde Farmakofor Belirlenmesi ve Biyoaktivite Hesabı, 2009 - 2011
SARIPINAR E., AYDIN S., Project Supported by Higher Education Institutions, 3-(11-DİOKSO-2H-(124)-BENZOTİYADİAZİN-3-İL)-4-HİDROKSİ -2(1H)-KİNOLİN BİLEŞİK SERİSİNİN HEPATİT C İNHİBİTÖRÜ OLARAK ELEKTRON KONFORMASYON-GENETİK ALGORİTMA (EC-GA) YÖNTEMİ İLE QSAR İNCELENMESİ, 2009 - 2010
SARIPINAR E., TUBITAK Project, Elektron Konformasyonel Qsar Metodu İle Benziladenozin ve Triaminotriazin Bileşiklerine Ait Farmakofor Grupların Belirlenmesi ve Biyoaktivite Hesabı, 2007 - 2009
SARIPINAR E., AKYÜZ L., Project Supported by Higher Education Institutions, 2,3-DİARYL-1,3-THİAZOLİDİN -4-ONES TÜREVLERİNİN HIV-1 İNHİBİTÖRÜ OLARAK PM3-ELEKTRON TOPOLOJİK METOT İLE İNCELENMESİ, 2006 - 2008
SARIPINAR E., KULAK L., KAYA E., TUBITAK Project, 1-(2-Hydroxyethoxy) Methyl-6-(Phenylthio) Thymine(Hept)Bileşiklerinin HIV- İnhibitörü Olarak CoMCET Yöntemi İle QSAR İncelemesi, 2006 - 2008
AKÇAMUR Y., SARIPINAR E., ALTURAL B., Project Supported by Higher Education Institutions, BİYOLOJİK VE FARMAKOLOJİK BAKIMDAN ÖNEME SAHİP BİLİŞİKLERİN NMR CİHAZI İLE YAPILARININ AYDINLATILMASI, 2006 - 2007
SARIPINAR E., ŞAHİNDAŞ Ş., ÜNAL D., AKÇAMUR Y., Project Supported by Higher Education Institutions, KETEN VE OKSO-KETENLERİN 1,3-DİPOLAR BİLEŞİKLERLE REAKSİYONLARININ KUANTUM KİMYASAL HESAPLARI., 2004 - 2006
Sarıpınar E., TUBITAK Project, Oksoketenlerin üretanlar ile pseudoperisiklik reaksiyonları;Deneysel veriler ve ab initio hesaplamaları, 2004 - 2005
Sarıpınar E., TUBITAK Project, 4-P-mETOKSİBENZOYL-5-PMETOKSİFENİL-2,3FURANDİON sENTEZİ,dİELS_ALDER rEAKSİYONLARI: dENEYSEL VERİLER VE SEMİEMPİRİK HESAPLAMALAR., 1996 - 1997

Patent

Sarıpınar E., Kekeçmuhammed H., Tapera M., Efe R., Gürbüz Boz F., 1,3-DİKARBONİL TÜREVLERİ İÇEREN DİPOLAR (ZWİTTER İYON) İMİDAZOL TÜREVLERİN SENTEZİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2022 012034 B , Standard Registration, 2024
Sarıpınar E., Acer Y., Kekeçmuhammed H., 2-[[BENZİLİDİNE]HYDRAZİNYLİDİNE]-5-OKSOİMİDAZOLİDİN-4-YL] ASETİK ASİT TÜREVLİ BİLEŞİKLERİN SENTEZİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2019 21851 B , Standard Registration, 2024
Sarıpınar E., Kekeçmuhammed H., Tapera M., KROMENO-1,4-DİHİDROPİRİMİDİN, PİRİDO[2,3-D] PİRİMİDİN, 5,6-DİHİDROPİRİDO[3,2-E] [1,2,4] TRİAZOLO [1,5-C] PİRİMİDİN VE PİRİDO[3,2-E] [1,2,4] TRİAZOLO[1,5-C] PİRİMİDİN TÜREVLERİNİN SENTEZİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2022 012034 B , Standard Registration, 2023
Sarıpınar E., Çadır M., İlhan İ. Ö., PENİSİLİN TÜREVLERİ VE BUNLARIN SENTEZLENMESİ İÇİN YÖNTEM, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: PT201902346 , Standard Registration, 2021
Sarıpınar E., Çetin M., Doğan H., Doğan Ş. D., Buran S., Gedik T., SYNTHESIS OF GLYCOLYSED MELFHALAN DERIVATIVES, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2021/005890 , Standard Registration, 2021
Sarıpınar E., Burcu H. J., Kekeçmuhammed H., Tapera M., 2-HİDRAZİNEYLİDENETRAHİDROPİRİMİDİN-4(1H)-ON TÜREVLERİNİN SENTEZİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: BBF2020/092 , Standard Registration, 2020
Sarıpınar E., HİDRAZİNO-PİRİMİDİN-5-KARBONİTRİL TÜREVLERİNİN SENTEZİ VE BİYOLOJİK AKTİVİTELERİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: AA , Standard Registration, 2020
Sarıpınar E., Çağlar Yavuz S., Akkoç S., 5-FENİL-2-[2-(FENİLMETİLİDEN)HİDRAZİNO]-1H-İMİDAZOL-4-OL VE TÜREVLERİNİN SENTEZİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2020 13701 B , Standard Registration, 2020, 2022

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Publication: 136
Citation (WoS): 694
Citation (Scopus): 648
H-Index (WoS): 14
H-Index (Scopus): 14