

# Prof. Ertan ŞAHİN

## Personal Information

Post Address: ertan@atauni.edu.tr

## Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Ens., Fizik Mühendisliği, Turkey 1996 - 2003

Post Graduate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği, Turkey 1993 - 1996

Under Graduate, Atatürk Üniversitesi, Mühendislik Fak., Fizik Müh. Böl., Turkey 1988 - 1993

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Bazı Ligandların ve Metal komplekslerin Kristal yapılarının ve moleküler konformasyonlarının X-ışınları kırınımı ve kimyasal hesaplama yöntemleri ile incelenmesi, Hacettepe Üniversitesi, Fen Bilimleri Ens. , Fizik Mühendisliği, 2003

Post Graduate, Ekran Baskı yöntemi ile hazırlanan BiPbSrCaCuO üstüniletken kalın filimlerin Galvanomagnetik özellikleri, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği, 1996

## Research Areas

Physics, Atomic and Molecular Physics, General Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

## Academic Titles / Tasks

Professor, Atatürk Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2013 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Synthesis, characterization, antioxidant properties and DFT calculation of some new pyrimidine derivatives**  
AKBAŞ E., ERGAN E., ŞAHİN E., EKİN S., ÇAKIR M., KARAKUS Y.  
Phosphorus Sulfur And Silicon And The Related Elements, 2019 (Journal Indexed in SCI)
- **Sulfonamide-derived hydrazone compounds and their Pd (II) complexes: Synthesis, spectroscopic characterization, X-ray structure determination, in vitro antibacterial activity and computational studies**  
ÖZBEK N., Ozdemir U. O. , Altun A. F. , ŞAHİN E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.707-719, 2019 (Journal Indexed in SCI)
- **Novel highly functionalized 1,4-naphthoquinone 2-iminothiazole hybrids: Synthesis, photophysical properties, crystal structure, DFT studies, and anti(myco)bacterial/antifungal activity**  
GEMİLİ M., NURAL Y., Keles E., AYDINER B., SEFEROĞLU N., ÜLGER M., ŞAHİN E., Erat S., SEFEROĞLU Z.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.536-546, 2019 (Journal Indexed in SCI)
- **Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors**

YAMALI C., GÜL H. İ. , Ece A., BUA S., ANGELİ A., SAKAGAMI H., ŞAHİN E., Supuran C. T.  
BIOORGANIC CHEMISTRY, vol.92, 2019 (Journal Indexed in SCI)

- **The clean and mild synthesis, crystal structure, and intra-molecular hydrogen bond study of substituted new 4,8-dihydropyrano[3,2-b]-pyrans containing chlorokojic acid moiety**  
Aghbash K. O. , Pesyan N. N. , Marandi G., DEGE N., ŞAHİN E.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.45, pp.4543-4554, 2019 (Journal Indexed in SCI)
- **The synthesis of blue emitting 3-Amino-1-hetarylfluorenes and their unprecedented alkylated derivatives**  
Yalcin E., Duyar H., Cakmaz D., ŞAHİN E., SEFEROĞLU Z.  
TETRAHEDRON, vol.75, 2019 (Journal Indexed in SCI)
- **Synthesis and biological evaluation of bromophenol derivatives with cyclopropyl moiety: Ring opening of cyclopropane with monoester**  
BOZTAS M., TASLIMI P., YAVARI M. A. , GÜLÇİN İ., ŞAHİN E., MENZEK A.  
BIOORGANIC CHEMISTRY, vol.89, 2019 (Journal Indexed in SCI)
- **SBA-16 supported amino acid Schiff base complexes of molybdenum as new heterogeneous molybdenum catalysts**  
Masteri-Farahani M., Eghbali P., ŞAHİN E.  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.570, pp.347-353, 2019 (Journal Indexed in SCI)
- **Synthesis and characterization of novel bromophenols: Determination of their anticholinergic, antidiabetic and antioxidant activities**  
Öztaşkın N., KAYA R., MARAŞ A., ŞAHİN E., GÜLÇİN İ., GÖKSU S.  
Bioorganic Chemistry, vol.87, pp.91-102, 2019 (Journal Indexed in SCI)
- **Novel benzildihydrazone based Schiff bases: Syntheses, characterization, thermal properties, theoretical DFT calculations and biological activity studies**  
ELMACI G., Duyar H., AYDINER B., Yahaya I., SEFEROĞLU N., ŞAHİN E., Celik S. P. , AÇIK L., SEFEROĞLU Z.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.271-280, 2019 (Journal Indexed in SCI)
- **An anomalous addition of chlorosulfonyl isocyanate to a carbonyl group: the synthesis of ((3aS, 7aR, E)-2-ethyl-3-oxo-2,3,3a, 4,7,7a-hexahydro-1H-isoindol-1-ylidene)sulfamoyl chloride**  
KÖSE A., Unal A., ŞAHİN E., BOZKAYA U., KARA Y.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.15, pp.931-936, 2019 (Journal Indexed in SCI)
- **Two new potential optical materials: Co(II) and Ni(II) 3-fluorobenzoate complexes with pyridine-3-carboxamide**  
ÖZBEK F. E. , SERTÇELİK M., YÜKSEK M., Kucukoz B., ELMALI A., ŞAHİN E.  
JOURNAL OF COORDINATION CHEMISTRY, vol.72, pp.786-795, 2019 (Journal Indexed in SCI)
- **From Bioactive Pyrrolidino[3,4-c] pyrrolidines to more Bioactive Pyrrolidino[3,4-b] pyrrolidines via Ring-Opening/ Ring-Closing Promoted by Sodium Methoxide**  
Belveren S., LARRAÑAGA O., Poyraz S., Dondas H. A. , Ulger M., ŞAHİN E., FERRÁNDIZ-SAPERAS M., Sansano J. M. , de Gracia Retamosa M., de Cozar A.  
SYNTHESIS-STUTTGART, vol.51, pp.1565-1577, 2019 (Journal Indexed in SCI)
- **Cu(I)-catalyzed alkyne-azide "click" cycloaddition (CuAAC): a clean, efficient, and mild synthesis of new 1,4-disubstituted 1H-1,2,3-triazole-linked 2-amino-4,8-dihydropyrano[3,2-b]pyran-3-carbonitrile-crystal structure**  
Aghbash K. O. , Pesyan N. N. , ŞAHİN E.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.45, pp.2079-2094, 2019 (Journal Indexed in SCI)
- **A Green Protocol for Simple One-pot Synthesis of New Pyrimidine Derivatives Both Microwave Irradiation and Conventional Heating: Reactions, Characterization, and Theoretical Calculations**  
Akbaş E., Rüzgar A., ŞAHİN E., Ergen E.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, pp.1003-1011, 2019 (Journal Indexed in SCI)
- **Evaluation of Cytotoxic Potentials of Some Isoindole-1,3-Dione Derivatives on HeLa, C6 and A549 Cancer Cell Lines**  
YAĞLIOĞLU A. Ş. , TAN A., KİSHALIN., ŞAHİN E., KARA Y.  
Medicinal Chemistry, vol.15, 2019 (Journal Indexed in SCI Expanded)
- **Asymmetric synthesis of aminocyclooctenecarbonitriles: Cyclooctene beta-lactam and**

### hydroxyaminocyclooctene carboxylic precursors

Aydin B. O. , YURTOĞLU E., ARÇELİK N., Sahin E., Secen H., Altundas R.

TETRAHEDRON LETTERS, vol.60, pp.284-287, 2019 (Journal Indexed in SCI)

- **Novel 1,4-naphthoquinone N-aryothiureas: Syntheses, crystal structure, anion recognition properties, DFT studies and determination of acid dissociation constants**  
Gemili M., Nural Y., Keles E., Aydiner B., Seferoglu N., ŞAHİN E., Sari H., Seferoglu Z.  
JOURNAL OF MOLECULAR LIQUIDS, vol.269, pp.920-932, 2018 (Journal Indexed in SCI)
- **Synthesis and rearrangement reactions of 1,4-dihydrospiro[1,4-methanonaphthalene-9,1'-cyclopropane] derivatives**  
BAYRAK C., ŞENOL H., SIRTBAŞI S., ŞAHİN E., MENZEK A.  
TETRAHEDRON, vol.74, pp.5839-5849, 2018 (Journal Indexed in SCI)
- **Synthesis, characterization, and crystal structure of 6,7a-dichloro-3a-hydroxyoctahydro-1H-indene-2,5-diyl diacetates**  
Kelebekli L., ANIL B., GÖKSU S., ŞAHİN E.  
Journal of the Iranian Chemical Society, vol.15, pp.1969-1974, 2018 (Journal Indexed in SCI)
- **Cycloaddition Reactions of Benzonornadiene and Homonornadiene: New Isoxazoline and Pyridazine Derivatives**  
Adiloglu Y., ŞAHİN E., Tutar A., MENZEK A.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, pp.1917-1925, 2018 (Journal Indexed in SCI)
- **The syntheses, molecular structure analyses and DFT studies on new benzil monohydrazone based Schiff bases**  
Elmaci G., Duyar H., Aydiner B., Seferoglu N., NAZİRİ M. A. , ŞAHİN E., Seferoglu Z.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1162, pp.37-44, 2018 (Journal Indexed in SCI)
- **Synthesis, crystal structure, DFT studies, acid dissociation constant, and antimicrobial activity of methyl 2-(4-chlorophenyl)-7a-((4-chlorophenyl)carbamothioyl)-1-oxo-5,5-diphenyl-3-thioxo-hexahydro-1H-pyrrolo[1,2-e]imidazole-6-carboxylate**  
Nural Y., Gemili M., Seferoglu N., ŞAHİN E., Ulger M., Sari H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1160, pp.375-382, 2018 (Journal Indexed in SCI)
- **Sonochemical synthesis of two novel Pb(II) 2D metal coordination polymer complexes: New precursor for facile fabrication of lead(II) oxide/bromide micro-nanostructures**  
Hayati P., Suarez-Garcia S., GUTIERREZ A., ŞAHİN E., Ruiz Molina D., Morsali A., Rezvani A. R.  
ULTRASONICS SONOCHEMISTRY, vol.42, pp.310-319, 2018 (Journal Indexed in SCI)
- **Regio- and stereospecific synthesis of DL-4,5-dibromo-4,5-dideoxy-3,6-O-methyl-chiro-inositol**  
Kelebekli L., Aksu K., ŞAHİN E.  
TETRAHEDRON LETTERS, vol.59, pp.1258-1260, 2018 (Journal Indexed in SCI)
- **Correction to: Synthesis, characterization, crystal structure, and antituberculosis activity of some novel polysubstituted aminocarbothiol/thiohydantoin-pyrrolidine derivatives**  
POYRAZ S., BELVEREN S., ÜLGER m., ŞAHİN E., DÖNDAŞ H. A.  
Monatshefte Fur Chemie, vol.149, pp.663, 2018 (Journal Indexed in SCI)
- **Synthesis, antimicrobial activity and acid dissociation constants of methyl 5,5-diphenyl-1-(thiazol-2-yl)pyrrolidine-2-carboxylate derivatives**  
Nural Y., Gemili M., Ulger M., Sari H., De Coen L. M. , ŞAHİN E.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.28, pp.942-946, 2018 (Journal Indexed in SCI)
- **A facile and regioselective one-pot synthesis of novel pyrazolo[1,5:1,2]pyrrolo[3,4-b]quinoline-2,3-dicarboxylate hybrids via intramolecular Wittig reaction**  
LARGANI T. H. , IMANZADEH G., PESYAN N. N. , ŞAHİN E., SHAMKHALI A. N. , NOTASH B.  
MOLECULAR DIVERSITY, vol.22, pp.37-46, 2018 (Journal Indexed in SCI)
- **Synthesis of bis(thiosemicarbazone) derivatives: Definition, crystal structure, biological potential and computational analysis**  
Ates D., Gülcan M., Gümüş S., Sekerci M., Ozdemir S., ŞAHİN E., Colak N.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.193, pp.14-22, 2018 (Journal Indexed in SCI)
- **Synthesis, X-ray crystal structure and DFT studies of cobalt(II) and vanadium(V) complexes with N,N,O-**

**tridentate aroyl-hydrazone based ligand**

NAZIRI M. A. , ŞAHİN E., SEFEROĞLU N., SHAABANI B.

Journal Of Coordination Chemistry, vol.71, pp.89-103, 2018 (Journal Indexed in SCI)

- **Synthesis, characterization, crystal structure, and antituberculosis activity of some novel polysubstituted aminocarbothiol/thiohydantoin-pyrrolidine derivatives**  
POYRAZ S., BELVEREN S., ÜLGER M., ŞAHİN E., DÖNDAŞ H. A.  
MONATSHEFTE FÜR CHEMIE, vol.148, pp.2173-2182, 2017 (Journal Indexed in SCI)
- **Reaction of 9-oxabicyclo[4.2.1]non-7-ene-1-ol with tetrazine: An unusually facile intramolecular rearrangement**  
KAYA A., SALAMCI E., MENZEK A., ERDEM S., ŞAHİN E., ECER K.  
TETRAHEDRON, vol.73, pp.5381-5388, 2017 (Journal Indexed in SCI)
- **Synthesis and anti(myco)bacterial activity of novel 5,5-diphenylpyrrolidine N-aryolthiourea derivatives and a functionalized hexahydro-1H-pyrrolo[1,2-c]imidazole**  
Ersen D., Ulger M., MANGELINCKX S., Gemili M., ŞAHİN E., Nural Y.  
MEDICINAL CHEMISTRY RESEARCH, vol.26, pp.2152-2160, 2017 (Journal Indexed in SCI)
- **Pt(II) and Ni(II) complexes of octahydropyrrolo[3,4-c]pyrrole N-benzoylthiourea derivatives: Synthesis, characterization, physical parameters and biological activity**  
Gemili M., Sari H., Ulger M., ŞAHİN E., Nural Y.  
INORGANICA CHIMICA ACTA, vol.463, pp.88-96, 2017 (Journal Indexed in SCI)
- **Synthesis, theoretical calculation, electrochemistry and total antioxidant capacity of 5-benzoyl-6-phenyl-4-(4-methoxyphenyl)-1,2,3,4-tetrahydro-2-thioxopyrimidine and derivatives**  
Ergan E., Akbaş E., Levent A., Sahin E., Konuş M., Seferoglu N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1136, pp.231-243, 2017 (Journal Indexed in SCI)
- **Synthesis of tricyclic ring systems: [2+2] ketene addition reaction for preparation of tricyclic ketone, alcohol, and lactone derivatives**  
Yılmaz O., Bekfelavi E. Y. , Kus N. S. , Tunc T., ŞAHİN E.  
CHEMICAL PAPERS, vol.71, pp.929-938, 2017 (Journal Indexed in SCI)
- **Preparation of novel pyrrol-2-one derivatives via an effective synthesis of new oxazole scaffold**  
Kibriz I. E. , Sacmaci M., ŞAHİN E., YILDIRIM İ.  
TETRAHEDRON, vol.73, pp.1795-1802, 2017 (Journal Indexed in SCI)
- **Comparative transfer hydrogenation performance of homogeneous and heterogeneous ruthenium (II) catalysts derived from a Schiff base ligand**  
Ispir E., ŞAHİN E., İkiz M., Aktas A.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.830, pp.188-195, 2017 (Journal Indexed in SCI)
- **New bimetallic dicyanoargentate(I)-based coordination compounds: Synthesis, characterization, biological activities and DNA-BSA binding affinities**  
Korkmaz N., Aydin A., Karadag A., Yanar Y., Maasoglu Y., ŞAHİN E., Tekin S.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.173, pp.1007-1022, 2017 (Journal Indexed in SCI)
- **Immobilization of a molybdenum-glycine Schiff base complex within the nanocages of zeolite Y with flexible ligand method**  
EGHBALİ P., ŞAHİN E., Masteri-Farahani M.  
JOURNAL OF POROUS MATERIALS, vol.24, pp.39-44, 2017 (Journal Indexed in SCI)
- **Antibacterial activity against Escherichia coli and characterization of ZnO and ZnO-Al<sub>2</sub>O<sub>3</sub> mixed oxide nanoparticles**  
ŞAHİN E., MUSEVİ S. J. , ASLANI A.  
ARABIAN JOURNAL OF CHEMISTRY, vol.10, 2017 (Journal Indexed in SCI)
- **Divergent synthesis of polysubstituted isoxazoles, isoxazoline N-oxides, and dihydroisoxazoles by a one-pot cascade reaction**  
ROUF A., ŞAHİN E., TANYELİ C.  
TETRAHEDRON, vol.73, pp.331-337, 2017 (Journal Indexed in SCI)
- **Unusual manganese(III)-mediated oxidative free-radical additions of Meldrum's acid and dimethyl malonate to benzonorborene and oxabenzonorborene**

ÇALIŞKAN R., Nohut N., Yılmaz O., ŞAHİN E., Balci M.

TETRAHEDRON, vol.73, pp.291-297, 2017 (Journal Indexed in SCI)

- **Crystal structure of (E)-2-((4-hydroxy-5-methoxy-3-((4-methyl-1-piperazinyl)methyl)phenyl)methylidene)-1-indanone, C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>**  
TUGRAK M., AYDIN A., GÜL H. İ. , Şahin E., AKKURT M.  
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.232, pp.113-115, 2017 (Journal Indexed in SCI Expanded)
- **Solvent-free organic salt media mono symmetrical aza-Michael: synthesis of new N-mono substituted phthalhydrazide derivatives**  
SOLTANZADEH Z., IMANZADEH G., NOROOZI-PESYAN N., ŞAHİN E.  
GREEN CHEMISTRY LETTERS AND REVIEWS, vol.10, pp.107-116, 2017 (Journal Indexed in SCI)
- **Unexpected simultaneous synthesis of trisubstituted quinolines and acylhydrazones under catalyst-free conditions**  
Largani T. H. , IMANZADEH G., Pesyan N. N. , ŞAHİN E.  
SYNTHETIC COMMUNICATIONS, vol.47, pp.1077-1084, 2017 (Journal Indexed in SCI)
- **Crystal structure of (E)-2-((4-hydroxy-5-methoxy-3-((4-methyl-1-piperazinyl)methyl)phenyl)methylidene)-1-indanone, C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>**  
TUĞRAK M., Aydın A., GÜL H. İ. , ŞAHİN E., AKKURT M.  
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.232, pp.113-115, 2017 (Journal Indexed in SCI)
- **Green synthesis of pyrazole systems under solvent-free conditions**  
SOLTANZADEH Z., IMANZADEH G., NOROOZI-PESYAN N., ŞAHİN E.  
GREEN CHEMISTRY LETTERS AND REVIEWS, vol.10, pp.148-153, 2017 (Journal Indexed in SCI)
- **Synthesis and characterization of new thiadiazole derivatives bearing a pyrazole moiety**  
Sacmaci M., Arslaner C., ŞAHİN E.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, pp.1134-1139, 2017 (Journal Indexed in SCI)
- **A facile synthesis and antibacterial activity of novel pyrrolo[3,4-b]quinolin-2(3H)-yl)benzamides**  
Largani T. H. , Imanzadeh G., Zahri S., Pesyan N. N. , ŞAHİN E.  
GREEN CHEMISTRY LETTERS AND REVIEWS, vol.10, pp.387-392, 2017 (Journal Indexed in SCI)
- **Crystal structure of (E)-2-((4-hydroxy-5-methoxy-3-((4-methyl-1-piperazinyl)methyl)phenyl)methylidene)-1-indanone, C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>**  
TUGRAK M., AYDIN A., GÜL H. İ. , Şahin E., AKKURT M.  
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.232, pp.113-115, 2017 (Journal Indexed in SCI Expanded)
- **Synthesis and asymmetric resolution of a dopaminergic compound: 2-amino-5-methoxyindane**  
AKBABA Y., GÖKSU S., ŞAHİN E., KILIÇ H., SEÇEN H.  
TETRAHEDRON-ASYMMETRY, vol.27, pp.475-479, 2016 (Journal Indexed in SCI)
- **Synthesis of new homoconduritols and homoaminoconduritols**  
KAYA O., SENGUL M. E. , MENZEK A., ŞAHİN E., GUR B.  
TETRAHEDRON, vol.72, pp.2828-2837, 2016 (Journal Indexed in SCI)
- **Synthesis, characterization and catalytic activity of new bis(N-2,6-diphenylphenol-R-salicylaldiminato)Pd(II) complexes in Suzuki-Miyaura and CO<sub>2</sub> fixation reactions**  
Oncel N., Kasumov V. T. , ŞAHİN E., Ulusoy M.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.811, pp.81-90, 2016 (Journal Indexed in SCI)
- **Cycloaddition reaction of spiro[2.4]hepta-4,6-dien-1-ylmethanol and PTAD: a new rearrangement**  
SEPOL H., BAYRAK C., MENZEK A., ŞAHİN E., KARAKUS M.  
TETRAHEDRON, vol.72, pp.2587-2592, 2016 (Journal Indexed in SCI)
- **Unexpected formation of 5-alkylidene derivatives of hydantoin from the Michael addition of 4-phenylurazole to fumaric esters**  
Soltanzadeh Z., IMANZADEH G., Noroozi-Pesyan N., ŞAHİN E., HOOSHMAND H.  
TETRAHEDRON, vol.72, pp.1736-1741, 2016 (Journal Indexed in SCI)
- **Synthesis of 4-[2-(3,4-dimethoxybenzyl)cyclopentyl]-1,2-dimethoxybenzene Derivatives and Evaluations**

### **of Their Carbonic Anhydrase Isoenzymes Inhibitory Effects**

ARTUNC T., ÇETİNKAYA Y., GOCER H., GÜLÇİN İ., MENZEK A., ŞAHİN E., SUPURAN C. T.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.87, pp.594-607, 2016 (Journal Indexed in SCI)

- **Synthesis of Pyrrole-Fused C,N-Cyclic Azomethine Imines and Pyrazolopyrrolopyrazines: Analysis of Their Aromaticity Using Nucleus-Independent Chemical Shifts Values**  
Ozer M. S. , Menges N., Keskin S., ŞAHİN E., Balci M.  
ORGANIC LETTERS, vol.18, pp.408-411, 2016 (Journal Indexed in SCI)
- **Synthesis and spectral investigation of some new hetaryl-substituted hydroquinolinone derivatives**  
ANIL B., Ozokan K. G. , KABAN Ş., ŞAHİN E., Kazaza C.  
MAGNETIC RESONANCE IN CHEMISTRY, vol.54, pp.184-189, 2016 (Journal Indexed in SCI)
- **A rare gamma-pyranopyrazole skeleton: design, one-pot synthesis and computational study**  
Ucuncu M., Canturk C., Karakus E., Zeybek H., BOZKAYA U., SOYDAŞ E., ŞAHİN E., Emrullahoglu M.  
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.14, pp.7490-7494, 2016 (Journal Indexed in SCI)
- **Synthesis of new hexahydro-1H-isoindole-1,3(2H)-dione derivatives from 2-ethyl/phenyl-3a,4,7,7a-tetrahydro-1H-isoindole-1,3-(2H)-dione**  
Tan A., KOÇ B., KİSHALIN., ŞAHİN E., KARA Y.  
TURKISH JOURNAL OF CHEMISTRY, vol.40, pp.830-840, 2016 (Journal Indexed in SCI)
- **Synthesis of New Tetrazole Derivatives of Spiro and Bis barbiturates**  
KASHANI E., PESYAN N. N. , ŞAHİN E.  
Journal Of The Chinese Chemical Society, vol.62, pp.959-967, 2015 (Journal Indexed in SCI)
- **Diels-Alder reactions: The effects of catalyst on the addition reaction**  
Yılmaz O., Kus N. S. , Tunc T., ŞAHİN E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1098, pp.72-75, 2015 (Journal Indexed in SCI)
- **Enantioselective Installation of Quaternary Centers in Cyclic Oxonitriles**  
YAKUP G., NEJAT A., ŞAHİN E., FRASER F F., RAMAZAN A.  
European Journal Of Organic Chemistry, vol.2015, pp.6679-6686, 2015 (Journal Indexed in SCI)
- **Synthesis and Characterization of Two Copper II Complexes of 4 tolyl 2 2 6 2 Terpyridine and Simultaneous Detection and Separation of Cu ttpy**  
LOTF ALİ S., ŞAHİN E., MEHDİZADEH R., MOHAMMAD H., SOHEİLA S., SEYED JAVAD M.  
Synthesis And Reactivity In Inorganic Metal-Organic And Nano-Metal Chemistry, vol.45, pp.597-604, 2015 (Journal Indexed in SCI)
- **Synthesis of Bis-spiro Cyclopropanes Based on Meldrum's Acid by Milling**  
Kashani E., Pesyan N. N. , Tunc T., ŞAHİN E.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.62, pp.249-256, 2015 (Journal Indexed in SCI)
- **Regioselective One pot Synthesis of New Unsymmetric Spiro Dihydrofurans in the Reaction of Mixed Two Different Cyclic Dicarbonyl Compounds with BrCN and Aldehydes in the Presence of Et**  
Nader N., ALİREZA S., ALİ G., TUNÇ T., ŞAHİN E.  
Journal Of The Chinese Chemical Society, vol.62, pp.234-242, 2015 (Journal Indexed in SCI)
- **Synthesis of quinazolinone-based aziridine diols as chiral ligands: dual stereoselectivity in the asymmetric ethylation of aryl aldehydes**  
CELİK S., ÇAKICI M., KILIÇ H., ŞAHİN E.  
TETRAHEDRON-ASYMMETRY, vol.26, pp.152-157, 2015 (Journal Indexed in SCI)
- **Synthesis and photophysical properties of fluorescent arylstyrylimidazo[1,2-a]pyridine-based donor-acceptor chromophores**  
SEFEROĞLU Z., Ihmels H., ŞAHİN E.  
DYES AND PIGMENTS, vol.113, pp.465-473, 2015 (Journal Indexed in SCI)
- **Phenylazoindole dyes 3 Determination of azo hydrazone tautomers of new phenylazoindole dyes in solution and solid state**  
BANU B., SEFEROĞLU N., AKTAN E., HÖKELEK T., ŞAHİN E., SEFEROĞLU Z.  
Journal Of Molecular Structure, vol.1081, pp.175-181, 2015 (Journal Indexed in SCI)
- **Synthesis and Carbonic Anhydrase Isoenzymes I, II, IX, and XII Inhibitory Effects of Dimethoxybromophenol Derivatives Incorporating Cyclopropane Moieties**  
BOZTAS M., ÇETİNKAYA Y., TOPAL M., GÜLÇİN İ., MENZEK A., ŞAHİN E., TANC M., SUPURAN C. T.

JOURNAL OF MEDICINAL CHEMISTRY, vol.58, pp.640-650, 2015 (Journal Indexed in SCI)

- **An unsymmetrical ferrocene based azine and its Cu(II) complex: Spectroscopy, crystal structure, electrochemistry and DFT calculations**

Karaoglu K., Serbest K., Emirik M., ŞAHİN E.

JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.775, pp.80-87, 2015 (Journal Indexed in SCI)

- **The syntheses, crystal structure, thermal analysis, and anticancer activities of novel dipicolinate complexes**

Uzun N., Colak A. T., Emen F. M., Kismali G., Meral O., Alpay M., Cilgi G. K., ŞAHİN E.

JOURNAL OF COORDINATION CHEMISTRY, vol.68, pp.949-967, 2015 (Journal Indexed in SCI)

- **2,6-Dicyanoaniline based donor-acceptor compounds: the facile synthesis of fluorescent 3,5-diaryl/hetaryl-2,6-dicyanoanilines**

Yalcin E., Kutlu Y. C., Korkmaz V., ŞAHİN E., SEFEROĞLU Z.

ARKIVOC, pp.202-218, 2015 (Journal Indexed in SCI)

- **Synthesis, aggregation and spectroscopic studies of novel water soluble metal free, zinc, copper and magnesium phthalocyanines and investigation of their anti-bacterial properties**

BAYRAK R., Akcay H. T., Beris F. S., ŞAHİN E., BAYRAK H., DEMİRBAŞ Ü.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.133, pp.272-280, 2014 (Journal Indexed in SCI)

- **Transition Metal(II) Complexes of a Novel Symmetrical Benzothiazole-Based Ligand: Synthesis, Spectral/Structural Characterization and Fluorescence Properties**

Gülcan M., Karataş Y., Isik S., Ozturk G., Akbaş E., ŞAHİN E.

JOURNAL OF FLUORESCENCE, vol.24, pp.1679-1686, 2014 (Journal Indexed in SCI)

- **Synthesis and alpha-Glucosidase and alpha-Amylase Inhibitory Activity Evaluation of Azido-and Aminocyclitols**

Aydin G., Ally K., Aktas F., ŞAHİN E., BARAN A., Balci M.

EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, pp.6903-6917, 2014 (Journal Indexed in SCI)

- **Preparation of PbS and PbO nanopowders from new Pb(II)(saccharine) coordination polymers**

Aslani A., Musevi S. J., ŞAHİN E., YILMAZ V. T.

APPLIED SURFACE SCIENCE, vol.318, pp.206-212, 2014 (Journal Indexed in SCI)

- **Copper II 2 Benzoylbenzoate Complexes Containing 2 Pyridilmethanol and 2 Pyridilethanol Synthesis Crystal Structures Spectroscopic and Thermal Properties**

ÇAĞLAR S., TUBA S., BÜYÜKGÜNGÖR O., ŞAHİN E.

Synthesis And Reactivity In Inorganic Metal-Organic And Nano-Metal Chemistry, vol.44, pp.1234-1242, 2014 (Journal Indexed in SCI)

- **New fatty acid derivatives based on barbiturates and other cyclic beta-dicarbonyl compounds and an acyl migration**

Pesyan N. N., Bagheri M., ŞAHİN E., TUNÇ T.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.11, pp.1429-1437, 2014 (Journal Indexed in SCI)

- **Synthesis of thio- and furan-fused heterocycles: furopyranone, fuopyrrolone, and thienopyrrolone derivatives**

Ergun M., DENGİZ Ç., Ozer M. S., ŞAHİN E., Balci M.

TETRAHEDRON, vol.70, pp.5993-5998, 2014 (Journal Indexed in SCI)

- **Stereospecific synthesis of highly substituted novel carbasugar as carbonic anhydrase inhibitors: decahydronaphthalene-1,2,3,4,5,6,7-heptol**

KELEBEKLİ L., Balci N., ŞAHİN E.

TETRAHEDRON, vol.70, pp.5175-5181, 2014 (Journal Indexed in SCI)

- **Coordination versatility of 2,2'-(ethylenedioxy)bis(ethylamine) in new mono- and polynuclear metal(II) complexes of saccharinate: Synthesis, characterization and crystal structures**

KARADAĞ A., Gozuacik A. K., YILMAZ V. T., Yerli Y., ŞAHİN E.

POLYHEDRON, vol.78, pp.24-30, 2014 (Journal Indexed in SCI)

- **Synthesis and X ray crystal structures of three new terpyridine based Pb II complexes cytotoxicity studies of Pb ttpy AcO sub 2 sub SCN sub 2 sub title**

LOTFALİ S., ŞAHİN E., SOMAYYEH B., AKBAR B., AHMAD N., ÇELİK Ö., ZOHREH Z.

Journal Of Coordination Chemistry, vol.67, pp.1463-1477, 2014 (Journal Indexed in SCI)

- **Metal- and Base-Free Combinatorial Reaction for C-Acylation of 1,3-Diketo Compounds in Vegetable Oil: The Effect of Natural Oil**

Menges N., ŞAHİN E.

ACS SUSTAINABLE CHEMISTRY & ENGINEERING, vol.2, pp.226-230, 2014 (Journal Indexed in SCI)

- **Unique charge-separated intermolecular and eight-membered intramolecular H-bonds in bis-(thio)barbiturates**

Pesyan N. N. , Jalilzadeh M., Torkaman N. Y. , ŞAHİN E.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.11, pp.35-45, 2014 (Journal Indexed in SCI)

- **Synthesis of cyclohexane derivatives including Br, Cl, N, O, and S at 1,2,4,5-positions: selectivity in addition reactions**

KAYA A. A. , MENZEK A., ŞAHİN E.

TETRAHEDRON, vol.70, pp.83-91, 2014 (Journal Indexed in SCI)

- **Convenient synthesis of new polysubstituted isoindole-1,3-dione analogue**

TAN A., KAZANCIOĞLU M. Z. , Aktas D., GÜNDOĞDU O., ŞAHİN E., Kishali N. H. , KARA Y.

TURKISH JOURNAL OF CHEMISTRY, vol.38, pp.629-637, 2014 (Journal Indexed in SCI)

- **NEW SPIRO (THIO) BARBITURATES BASED ON CYCLOHEXANONE AND BICYCLO [3.1.1]HEPTAN-6-ONE BY NONCONCERTED [1+5] CYCLOADDITION REACTION AND THEIR CONFORMATIONAL STRUCTURES**

Pesyan N. N. , Noori S., Poorhassan S., ŞAHİN E.

BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.28, pp.423-440, 2014 (Journal Indexed in SCI)

- **Synthesis and Characterization of a Novel Conformation of 2,9,10-Tribromoanthracene-1,4-dione**

BERKİL AKAR K., ÇAKMAK O., ŞAHİN E.

JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.43, pp.677-684, 2013 (Journal Indexed in SCI)

- **Furo- and thieno-fused 1,3-diazepine-4,6-diones**

Ozer M. S. , Koza G., ŞAHİN E., Balci M.

TETRAHEDRON LETTERS, vol.54, pp.6553-6556, 2013 (Journal Indexed in SCI)

- **Synthesis and Characterization of Novel Aryl Cyclitols: Polycyclitols**

BALCI N., ANIL B., Kelebekli L., ŞAHİN E., GÖKSU S.

SYNTHETIC COMMUNICATIONS, vol.43, pp.3054-3063, 2013 (Journal Indexed in SCI)

- **A NOVEL SYNTHETIC APPROACH TOWARDS 1H-PYRAZOLE-5-CARBOXYLIC ACID DERIVATIVES USING 4-(4-METHYLBENZOYL)-5-(4-METHYLPHENYL)FURAN-2,3-DIONE**

Korkusuz E., YILDIRIM İ., ŞAHİN E.

HETEROCYCLES, vol.87, pp.2249-2266, 2013 (Journal Indexed in SCI)

- **Microwave-Assisted Synthesis of New Dihydropyrimidine Derivatives and Mechanism of the Reactions**

Akbaş E., ŞAHİN E., Yıldız E., ANIL B., Akyazi I.

LETTERS IN ORGANIC CHEMISTRY, vol.10, pp.651-656, 2013 (Journal Indexed in SCI)

- **Experimental and computational studies on 4-[(3,5-dimethyl-1H-pyrazol-1-yl)methoxy]phthalonitrile and synthesis and spectroscopic characterization of its novel phthalocyanine magnesium(II) and tin(II) metal complexes**

Akcay H. T. , Bayrak R., ŞAHİN E., Karaoglu K., DEMİRBAŞ Ü.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.114, pp.531-540, 2013 (Journal Indexed in SCI)

- **Crystal structure of 3-(thiophen-2-yl-carbonyl)-4-(thiophen-2-yl)-1-isopropyl-4-piperidinol, C<sub>17</sub>H<sub>21</sub>NO<sub>2</sub>S<sub>2</sub>**

Aydin A., AKKURT M., GÜL H. İ. , METE E., ŞAHİN E.

ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.228, pp.355-356, 2013 (Journal Indexed in SCI)

- **Synthesis and paroxonase activities of novel bromophenols**

AKBABA Y., TURKES C., POLAT L., SOYUT H., ŞAHİN E., MENZEK A., GÖKSU S., Beydemir S.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, pp.1073-1079, 2013 (Journal Indexed in SCI)

- **Crystal structure of 3-(p-bromobenzoyl)-4-(p-bromophenyl)-1-isopropyl-4-piperidinol hydrochloride, C<sub>21</sub>H<sub>24</sub>Br<sub>2</sub>CINO<sub>2</sub>**



Aydin A., AKKURT M., GÜL H. İ. , METE E., ŞAHİN E.

ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.228, pp.381-382, 2013 (Journal Indexed in SCI)

- **Synthesis, characterization and vibrational spectra analysis of ethyl (2Z)-2-(2-amino-4-oxo-1,3-oxazol-5(4H)-ylidene)-3-oxo-3-phenylpropanoate**  
KIBRIZ İ. E. , SERT Y., SAÇMACI M., ŞAHİN E., YILDIRIM İ., UCUN F.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.114, pp.491-501, 2013 (Journal Indexed in SCI)
- **Trisequential Photooxygenation Reaction: Application to the Synthesis of Carbasugars**  
BARAN A., Aydin G., Savran T., ŞAHİN E., Balci M.  
ORGANIC LETTERS, vol.15, pp.4350-4353, 2013 (Journal Indexed in SCI)
- **Phenylazaindole dyes - Part I: The syntheses, characterizations, crystal structures, quantum chemical calculations and antimicrobial properties**  
SEFEROĞLU Z., Yalcin E., Babur B., SEFEROĞLU N., HÖKELEK T., Yılmaz E., ŞAHİN E.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.113, pp.314-324, 2013 (Journal Indexed in SCI)
- **Synthesis and Structural Studies of Pd-II/Zn-II Architecture with N,N '-Bis(2-hydroxyethyl)ethylenediamine as Capping Ligand**  
ŞENOCAK A., KARADAĞ A., ŞAHİN E.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.23, pp.1008-1014, 2013 (Journal Indexed in SCI)
- **Synthesis and Biological Evaluation of Novel Bromophenol Derivatives as Carbonic Anhydrase Inhibitors**  
AKBABA Y., Balaydin H. T. , MENZEK A., GÖKSU S., ŞAHİN E., Ekinci D.  
ARCHIV DER PHARMAZIE, vol.346, pp.447-454, 2013 (Journal Indexed in SCI)
- **Selective formation of spiro dihydrofurans from one-pot reaction of dimedone with BrCN and aldehydes in the presence of Et<sub>3</sub>N**  
Pesyan N. N. , Shokr A., Behroozi M., ŞAHİN E.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.10, pp.565-575, 2013 (Journal Indexed in SCI)
- **Stereoconvergent Generation of a Contrasteric syn-Bicyclopropylidene (=syn-Cyclopropylidenecyclopropane) by Stille-Like Coupling**  
Guney M., Essiz S., DAŞTAN A., Balci M., DE LUCCHI O., ŞAHİN E., FABRIS F.  
HELVETICA CHIMICA ACTA, vol.96, pp.941-950, 2013 (Journal Indexed in SCI)
- **Ru(II)-arene complexes with N-substituted 3,4-dihydroquinazoline ligands and catalytic activity for transfer hydrogenation reaction**  
Mercan D., Cetinkaya E., ŞAHİN E.  
INORGANICA CHIMICA ACTA, vol.400, pp.74-81, 2013 (Journal Indexed in SCI)
- **Synthesis, characterization and anti-microbial evaluation of Cu(II), Ni(II), Pt(II) and Pd(II) sulfonylhydrazone complexes; 2D-QSAR analysis of Ni(II) complexes of sulfonylhydrazone derivatives**  
ÖZBEK N., Alyar S., ALYAR H., ŞAHİN E., KARACAN N.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.108, pp.123-132, 2013 (Journal Indexed in SCI)
- **Polyfluorinated Pd(II)-3,5-di-tert-butylsalicylaldimenes complexes: Synthesis, structure, spectroscopy, redox behaviors and catalytic activity**  
Kasumov V. T. , ŞAHİN E.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.107, pp.31-38, 2013 (Journal Indexed in SCI)
- **Synthesis, crystal structure, spectroscopic, thermal, catechol oxidase and catalase-like studies: New copper(II) complexes of 2-benzoylbenzoate and 2-pyridilpropanol ligands**  
ÇAĞLAR S., Adiguzel E., ÇAĞLAR B., Saykal T., ŞAHİN E., BÜYÜKGÜNGÖR O.  
INORGANICA CHIMICA ACTA, vol.397, pp.101-109, 2013 (Journal Indexed in SCI)
- **Synthesis, crystal structures, magnetic properties and Suzuki and Heck coupling catalytic activities of new coordination polymers containing tetracyanopalladate(II) anions**

ŞENOCAK A., KARADAĞ A., Yerli Y., GÜRBÜZ N., ÖZDEMİR İ., ŞAHİN E.  
POLYHEDRON, vol.49, pp.50-60, 2013 (Journal Indexed in SCI)

- **A New, Fast and Easy Strategy for One-pot Synthesis of Full Substituted Cyclopropanes: Direct Transformation of Aldehydes to 3-Aryl-1,1,2,2-tetracyanocyclopropanes**  
Pesyan N. N. , Kimia M. A. , Jalilzadeh M., ŞAHİN E.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.60, pp.35-44, 2013 (Journal Indexed in SCI)
- **Facile synthesis of novel 7 aminofuro and 7 aminothieno 2 3 d pyridazin 4 5H one and 4 aminophthalazin 1 2H ones**  
KOZA G., KESKİN S., ÖZER M. S. , BETÜL C., ŞAHİN E., BALCI M.  
Tetrahedron, vol.69, pp.395-409, 2013 (Journal Indexed in SCI)
- **Synthesis, Crystal Structure and Thermal Properties of Lead(II) Complex with Bathophenanthroline and Benzoyltrifluoroacetate Ligands**  
Hosseini S., Marandi F., ŞAHİN E., Musevi S. J.  
JOURNAL OF CHEMISTRY, 2013 (Journal Indexed in SCI)
- **Zwitterionic Salts from the Reaction of Symmetrical and Unsymmetrical (thio)Barbituric Acids with 2-Pyridinecarbaldehyde under Solvent-free Condition**  
Pesyan N. N. , Hosseini Y., Shokr A., ŞAHİN E.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.59, pp.1561-1566, 2012 (Journal Indexed in SCI)
- **Synthesis, characterization and antimicrobial activity of m-toluenesulfonamide, N,N '-1,2-ethanediybis (mtsen) and [Cu(II)(phenanthroline)(2)]mtsen complex**  
ALYAR H., Alyar S., ÜNAL A., ÖZBEK N., ŞAHİN E., KARACAN N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1028, pp.116-125, 2012 (Journal Indexed in SCI)
- **The synthesis, characterisation and molecular structure of a new hetarylazoindole dye studied by X-ray diffraction, spectral analysis and density functional theory calculation**  
AKTAN E., SEFEROĞLU Z., HÖKELEK T., ŞAHİN E.  
COLORATION TECHNOLOGY, vol.128, pp.371-377, 2012 (Journal Indexed in SCI)
- **Synthesis of PbO and PbBr<sub>2</sub> nanopowders from nano-sized 2D lead(II) coordination polymers**  
Musevi S. J. , ŞAHİN E., Aslani A.  
POWDER TECHNOLOGY, vol.229, pp.30-36, 2012 (Journal Indexed in SCI)
- **N-(2-Benzoyl-ethyl)propan-2-aminium chloride.**  
AYDIN A., AKKURT M., Gul H. İ. , METE E., SAHİN E.  
Acta crystallographica. Section E, Structure reports online, vol.68, 2012 (Journal Indexed in SCI Expanded)
- **N-[2-(4-Methyl-benzo-yl)eth-yl]propan-2-aminium chloride.**  
AYDIN A., AKKURT M., Gul H. İ. , METE E., SAHİN E.  
Acta crystallographica. Section E, Structure reports online, vol.68, 2012 (Journal Indexed in SCI Expanded)
- **Synthesis, characterization and spectroscopic studies of novel peripherally tetra-imidazole substituted phthalocyanine and its metal complexes, the computational and experimental studies of the novel phthalonitrile derivative**  
Akçay H. T. , Bayrak R., KARSLIOĞLU S., ŞAHİN E.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.713, pp.1-10, 2012 (Journal Indexed in SCI)
- **A simple route for the synthesis of 3,3,3 ',3 '-tetramethyl-2,3,3 ',4 '-tetrahydro-1H,1 ' H-[4,9 '-bixanthene]-1,1 '(2 ' H,9 ' H)-dione and its derivatives catalyzed by Mn<sup>2+</sup> and other transition metal cations**  
Pesyan N. N. , Golsanamlou V., Ganbari S., ŞAHİN E.  
TETRAHEDRON LETTERS, vol.53, pp.4096-4099, 2012 (Journal Indexed in SCI)
- **Ruthenium, rhodium and iridium complexes of the furfuryl-2-(N-diphenylphosphino)methylamine ligand: Molecular structure and catalytic activity**  
KAYAN C., MERİÇ N., AYDEMİR M., BAYSAL A., Elma D., Ak B., ŞAHİN E., GÜRBÜZ N., ÖZDEMİR İ.  
POLYHEDRON, vol.42, pp.142-148, 2012 (Journal Indexed in SCI)
- **Expanded Bodipy Dyes: Anion Sensing Using a Bodipy Analog with an Additional Difluoroboron Bridge**  
Guliyev R., Ozturk S., ŞAHİN E., AKKAYA E. U.  
ORGANIC LETTERS, vol.14, pp.1528-1531, 2012 (Journal Indexed in SCI)
- **Complexes Containing N-(2-hydroxyethyl)-ethylenediamine with Tetracyanometallate (II): Synthesis, IR Spectra, Thermal Behavior, Crystal Structure, Magnetic Properties and Catalysis**

KARADAĞ A., ŞENOCAK A., Yerli Y., ŞAHİN E., Topkaya R.

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.22, pp.369-378, 2012  
(Journal Indexed in SCI)

- **Synthesis, crystal structure, antibacterial activities, and electrochemical studies of new N,N'-polymethylene bis-sulfonamides**  
ÖZBEK N., Alyar S., Mamas S., ŞAHİN E., KARACAN N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1010, pp.1-7, 2012 (Journal Indexed in SCI)
- **Oxazolidinone polycyclitols. Stereospecific synthesis of novel aminocarbasugars with oxazolidinone ring**  
KELEBEKLİ L., Balci N., ŞAHİN E.  
TETRAHEDRON, vol.68, pp.1886-1893, 2012 (Journal Indexed in SCI)
- **Synthesis of Bishomoinositols and an Entry for Construction of a Substituted 3-Oxabicyclo[3.3.1]nonane Skeleton**  
BARAN A., Bekarlar M., Aydin G., NEBİOĞLU M., ŞAHİN E., Balci M.  
JOURNAL OF ORGANIC CHEMISTRY, vol.77, pp.1244-1250, 2012 (Journal Indexed in SCI)
- **Synthesis and carbonic anhydrase inhibitory properties of novel bromophenols including natural products**  
BALAYDIN H. T. , SOYUT H., Ekinci D., GÖKSU S., Beydemir S., MENZEK A., ŞAHİN E.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, pp.43-50, 2012 (Journal Indexed in SCI)
- **Reactions of Some Furan-3-ones with 2,3-Diaminopyridine and its Derivatives**  
SAÇMACI M., Bolukbasi H., ŞAHİN E.  
BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.33, pp.90-94, 2012 (Journal Indexed in SCI)
- **Synthesis, Crystal Structure, and Spectroscopic Studies of N-(4-Bromobenzylidene)-N'-(2-Pyridyl) Hydrazine Schiff Base Molecule**  
TUNÇ T., Tezcan H., ŞAHİN E., Dilek N.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.552, pp.194-208, 2012 (Journal Indexed in SCI)
- **N-[2-(4-Bromobenzoyl)ethyl]isopropylaminium chloride**  
Aydin A., AKKURT M., GÜL H. İ. , METE E., ŞAHİN E.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.68, 2012 (Journal Indexed in SCI)
- **Aminophosphine-palladium(II) complexes: Synthesis, structure and applications in Suzuki and Heck cross-coupling reactions**  
AYDEMİR M., BAYSAL A., ŞAHİN E., Gungum B., ÖZKAR S.  
INORGANICA CHIMICA ACTA, vol.378, pp.10-18, 2011 (Journal Indexed in SCI)
- **Synthesis and structure of a novel hetarylazoindole dye studied by X-ray diffraction, FT-IR, FT-Raman, UV-vis, NMR spectra and DFT calculations**  
AKTAN E., Babur B., SEFEROĞLU Z., HÖKELEK T., Sahin E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1002, pp.113-120, 2011 (Journal Indexed in SCI)
- **POLYSUBSTITUTED FUSED RING BICYCLIC THIOHYDANTOINS FROM AMINOCARBO-N-THIOYLPYRROLIDINES DERIVED FROM AZOMETHINE YLIDE 1,3-DIPOLAR CYCLOADDITIONS**  
NURAL Y., DÖNDAŞ H. A. , Grigg R., ŞAHİN E.  
HETEROCYCLES, vol.83, pp.2091-2114, 2011 (Journal Indexed in SCI)
- **Aromatisation in adducts of alpha-terpinene: Influence of hindered internal rotations**  
KAYA A. A. , SENGUL M. E. , MENZEK A., KAYAARDI I., KARAKUS M., ŞAHİN E.  
JOURNAL OF CHEMICAL RESEARCH, pp.540-544, 2011 (Journal Indexed in SCI)
- **Synthesis and Characterization of New Metal-Organic Frameworks Based on Tetracyanoplatinate(II) and N,N'-bis(2-hydroxyethyl)ethylenediamine: Single Crystal Structures of Zn-II and Cd-II Complexes Along with Magnetic Properties of Ni-II and Cu-II Complexes**  
ŞENOCAK A., KARADAĞ A., ŞAHİN E., Yerli Y.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.21, pp.438-449, 2011 (Journal Indexed in SCI)
- **catena-Poly[[[bis(4-ethylbenzoato-kappa O-2,O')lead(II)]-mu-nicotinamide-kappa N-2(1):O] monohydrate]**

HÖKELEK T., Tercan B., ŞAHİN E., Aktas V., NECEFOĞLU H.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)

- **New one-pot synthesis of spiro[furo[2,3-d]pyrimidine-6,5'-pyrimidine]pentaones and their sulfur analogues**  
Jalilzadeh M., Pesyan N. N., Rezaee F., Rastgar S., Hosseini Y., ŞAHİN E.  
MOLECULAR DIVERSITY, vol.15, pp.721-731, 2011 (Journal Indexed in SCI)
- **Functionalization of anthracene: A selective route to brominated 1,4-anthraquinones**  
BERKİL AKAR K., Cakmak O., BÜYÜKGÜNGÖR O., ŞAHİN E.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.7, pp.1036-1045, 2011 (Journal Indexed in SCI)
- **Organometallic ruthenium, rhodium and iridium complexes containing a P-bound thiophene-2-(N-diphenylphosphino)methylamine ligand: Synthesis, molecular structure and catalytic activity**  
AYDEMİR M., BAYSAL A., MERİÇ N., KAYAN C., Gumgum B., ÖZKAR S., ŞAHİN E.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.696, pp.2584-2588, 2011 (Journal Indexed in SCI)
- **From Metalloligand to Extended 3D Network: Synthesis, Crystal Structure and Magnetic Property of  $\{[\text{Cu}(\text{en})(2)][\text{Cu}(\mu(3)\text{-pydc})(2)]\text{center dot } 6\text{H}(2)\text{O}\} (n)$**   
Semerci F., YEŞİLEL O. Z., ŞAHİN E., Yerli Y., Topkaya R.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.21, pp.261-268, 2011 (Journal Indexed in SCI)
- **3-(4-Chlorobenzoyl)-4-(4-chlorophenyl)-1-phenethylpiperidin-4-ol**  
Aydin A., AKKURT M., METE E., ŞAHİN E., GÜL H. İ.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)
- **Selective O-demethylation during bromination of (3,4-dimethoxyphenyl) (2,3,4-trimethoxyphenyl)methanone**  
ÇETİNKAYA Y., MENZEK A., ŞAHİN E., BALAYDIN H. T.  
TETRAHEDRON, vol.67, pp.3483-3489, 2011 (Journal Indexed in SCI)
- **(3aR,4S,7R,7aS)-2-Phenyl-4-propyl-3a,4,7,7a-tetrahydro-1H-4,7-epithioisindole-1,3-dione 8-oxide**  
Demircan A., ŞAHİN E., Beyazova G., Karaaslan M., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)
- **The Design and Cytotoxic Evaluation of Some 1-Aryl-3-isopropylamino-1-propanone Hydrochlorides towards Human Huh-7 Hepatoma Cells**  
METE E., GÜL H. İ., Cetin-Atalay R., Das U., ŞAHİN E., GÜL M., KAZAZ C., Dimmock J. R.  
ARCHIV DER PHARMAZIE, vol.344, pp.333-339, 2011 (Journal Indexed in SCI)
- **Synthesis of New Cantharimide Analogues Derived from 3-Sulfolene**  
TAN A., KOÇ B., ŞAHİN E., KİSHALI N., KARA Y.  
SYNTHESIS-STUTTGART, pp.1079-1084, 2011 (Journal Indexed in SCI)
- **A novel one-pot, three-component reaction for the synthesis of isocoumarin-condensed pyrazoles**  
Ozcan S., DENGİZ Ç., Deliomeroglu M. K., ŞAHİN E., Balci M.  
TETRAHEDRON LETTERS, vol.52, pp.1495-1497, 2011 (Journal Indexed in SCI)
- **One-Dimensional Ni(II) and Cu(II) Coordination Polymers Containing Syn-Syn Thiophene-2,5-dicarboxylate and Propane-1,3-diamine**  
YEŞİLEL O. Z., İlker I., ŞAHİN E.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.21, pp.103-109, 2011 (Journal Indexed in SCI)
- **Stereoselective synthesis of deoxycarbaheptopyranose derivatives: 5a-carba-6-deoxy-alpha-DL-galacto-heptopyranose and 5a-carba-6-deoxy-alpha-DL-gulo-heptopyranose**  
Kishali N., Dogan D., ŞAHİN E., Gunel A., KARA Y., Balci M.  
TETRAHEDRON, vol.67, pp.1193-1200, 2011 (Journal Indexed in SCI)
- **Synthesis, characterization, and application to transfer hydrogenation of eta(6)-(3,4,5-trimethoxybenzyl)-eta(1)-N-heterocyclic carbene-ruthenium complex**  
Demir S., ÖZDEMİR İ., Cetinkaya B., ŞAHİN E., Arici C.

- JOURNAL OF COORDINATION CHEMISTRY, vol.64, pp.2565-2572, 2011 (Journal Indexed in SCI)
- **Bromination of 2,3-dihydrobenzobarrelene and synthesis of its mono- and dibromide derivatives: unexpected Wagner-Meerwein rearrangement on silica gel**  
Essiz S., SENGUL M. E. , ŞAHİN E., DAŞTAN A.  
TURKISH JOURNAL OF CHEMISTRY, vol.35, pp.587-598, 2011 (Journal Indexed in SCI)
  - **Synthesis of chiral sulfoximines derived from 3-aminoquinazolinones and their catalysis of enantioselective diethylzinc addition to aldehydes**  
Karabuga S., ÇAKICI M., KAZAZ C., ŞAHİN E., KILIÇ H., Ulukanli S.  
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.9, pp.7887-7896, 2011 (Journal Indexed in SCI)
  - **Synthesis, spectroscopy, thermal behavior, and X-ray crystal structure of two lead(II) complexes with 4'-(4-tolyl)-2,2';6',2''-terpyridine (ttpy)**  
Saghatforoush L., Adil K., ŞAHİN E., Babaei S., Musevi S. J.  
JOURNAL OF COORDINATION CHEMISTRY, vol.64, pp.4421-4433, 2011 (Journal Indexed in SCI)
  - **Two Novel Bimetallic Cyano-Bridged Coordination Polymers Containing the 2,2'-(Ethylenedioxy)bis(Ethylamine): Syntheses, Structural, Thermal and Magnetic Properties**  
ŞENOCAK A., KARADAĞ A., Yerli Y., ANDAÇ Ö., ŞAHİN E.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, pp.628-635, 2010 (Journal Indexed in SCI)
  - **Boric acid complexes with organic biomolecules: Mono-chelate complexes with salicylic and glucuronic acids**  
KÖSE D. A. , Zumreoglu-Karan B., HÖKELEK T., ŞAHİN E.  
INORGANICA CHIMICA ACTA, vol.363, pp.4031-4037, 2010 (Journal Indexed in SCI)
  - **Enantioselective Synthesis of Cyclic, Quaternary Oxonitriles**  
Gunes Y., Polat M. F. , ŞAHİN E., Fleming F. F. , ALTUNDAŞ R.  
JOURNAL OF ORGANIC CHEMISTRY, vol.75, pp.7092-7098, 2010 (Journal Indexed in SCI)
  - **2,3-Dibromo-1-[4-(2,3-dibromo-4,5-dimethoxybenzyl)-2,5-dimethoxybenzyl]-4,5-dimethoxybenzene**  
ŞAHİN E., Balaydin H. T. , GÖKSU S., MENZEK A.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (Journal Indexed in SCI)
  - **Novel bioactive vic-dioxime ligand containing piperazine moiety: Synthesis, X-ray crystallographic studies, 2D NMR applications and complexation with Ni(II)**  
Yılmaz A., TANER B., DEVECİ P., OBALIA Y. , ARSLAN U., ŞAHİN E., UÇAN H. İ. , ÖZCAN E.  
POLYHEDRON, vol.29, pp.2991-2998, 2010 (Journal Indexed in SCI)
  - **Single crystal X-ray structure and optical properties of anthraquinone-based dyes**  
KURTOĞLU N., ASLANTAŞ M., Zengin H., ŞAHİN E., KURTOĞLU M.  
CHEMICAL PAPERS, vol.64, pp.645-651, 2010 (Journal Indexed in SCI)
  - **Synthesis and antioxidant properties of diphenylmethane derivative bromophenols including a natural product**  
BALAYDIN H. T. , GÜLÇİN İ., MENZEK A., GÖKSU S., ŞAHİN E.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.25, pp.685-695, 2010 (Journal Indexed in SCI)
  - **Crystal Structure and Thermal Decomposition of Square Planar Ni (II) Complexes with ONS Type Ligands**  
Durmus S., Arici C., ŞAHİN E., Ergun U., ATAKOL O.  
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, pp.788-793, 2010 (Journal Indexed in SCI)
  - **3-Phenyldiazenyl-1,2-dimethyl-1H-indole**  
HÖKELEK T., Bicer N. T. , SEFEROĞLU Z., ŞAHİN E.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.66, 2010 (Journal Indexed in SCI)
  - **Structural analysis of 1 aryl 3 isopropylamino 1 propanone hydrochlorides**  
ANIL B., ŞAHİN E., METE E., GÜL H. İ.  
ACTA CRYSTALLOGRAPHICA SECTION A, vol.66, pp.131, 2010 (Journal Indexed in SCI Expanded)
  - **Structural analysis of 1 aryl 3 isopropylamino 1 propanone hydrochlorides**  
ANIL B., ŞAHİN E., METE E., GÜL H. İ.

ACTA CRYSTALLOGRAPHICA SECTION A, vol.66, pp.131, 2010 (Journal Indexed in SCI Expanded)

- **A novel and one-pot synthesis of new 1-tosyl pyrrol-2-one derivatives and analysis of carbonic anhydrase inhibitory potencies**  
ALP C., Ekinci D., Gultekin M. S., SENTURK M., ŞAHİN E., KÜFREVİOĞLU Ö. İ.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.18, pp.4468-4474, 2010 (Journal Indexed in SCI)
- **Cu(II) and Zn(II)-Pyridine-2,3-Dicarboxylate Complexes with 2-Methylimidazole: Syntheses, Crystal Structures, Spectroscopic and Thermal Analyses**  
Semerci F., YEŞİLEL O. Z., ŞAHİN E.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, pp.334-342, 2010 (Journal Indexed in SCI)
- **Stereospecific synthesis of a dl-gala-aminoquercitol derivative**  
Kurbanoğlu N. I., ÇELİK M., KILIÇ H., ALP C., ŞAHİN E., Balci M.  
Tetrahedron, vol.66, pp.3485-3489, 2010 (Journal Indexed in SCI)
- **Synthesis and spectral investigation of some methyl-substituted 3-(2-pyridyl)-2-(2-thienyl)thiazolidin-4-one derivatives**  
Fidan I., KAZAZ C., ŞAHİN E., KABAN Ş.  
JOURNAL OF CHEMICAL RESEARCH, pp.296-300, 2010 (Journal Indexed in SCI)
- **New Synthetic Methodology for Construction of the 1,3,4,5-Tetrahydro-2H-1,3-benzodiazepin-2-one Skeleton**  
DENGİZ Ç., Ozcan S., ŞAHİN E., Balci M.  
SYNTHESIS-STUTTGART, pp.1365-1370, 2010 (Journal Indexed in SCI)
- **Stereoselective synthesis of optically active cyclopenta[c]pyrans and cyclopenta[c]furans by the intramolecular Pauson-Khand reaction**  
Sezer S., ŞAHİN E., TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.21, pp.476-485, 2010 (Journal Indexed in SCI)
- **2-Ethyl-6,6-ethylenedisulfaneydiyl-7-methoxymethyl-1,2,3,4,5,6-hexahydro-1,5-methanoazocino[4,3-b]indol-3-one**  
Tercan B., ŞAHİN E., Patir S., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (Journal Indexed in SCI)
- **Structural Analysis of 1-aryl-3-isopropilamino-1-propanone hydrochlorides**  
ANIL B., ŞAHİN E., METE E., GÜL H. İ.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (Journal Indexed in SCI)
- **Synthesis, Characterization, and In Vitro Antimicrobial Activities of Organotin(IV) Complexes of Schiff Bases with ONO-type Donor Atoms**  
Yenisehirli G., ALTUNTAŞ ÖZTAŞ N., ŞAHİN E., ÇELEBİER M., Ancin N., Oztas S. G.  
HETEROATOM CHEMISTRY, vol.21, pp.373-385, 2010 (Journal Indexed in SCI)
- **Total Synthesis of the Biologically Active, Naturally Occurring 3,4-Dibromo-5-[2-bromo-3,4-dihydroxy-6-(methoxymethyl)benzyl]benzene-1,2-diol and Regioselective O-Demethylation of Aryl Methyl Ethers**  
AKBABA Y., BALAYDIN H. T., Goksu S., ŞAHİN E., MENZEK A.  
HELVETICA CHIMICA ACTA, vol.93, pp.1127-1135, 2010 (Journal Indexed in SCI)
- **Multicomponent Reactions of Furan-2,3-diones: Synthesis and Characterizations of Furo[3,2-c]pyran-4-ones**  
KOCA İ., YILDIRIM İ., ŞAHİN E.  
HELVETICA CHIMICA ACTA, vol.93, pp.1336-1343, 2010 (Journal Indexed in SCI)
- **Spectroscopic and structural studies of 6,6'-bis(N-methylhydrazine)-2,2'-bipyridine and its mononuclear copper(II) complex**  
ŞENGÜL A., Yılmaz I., ŞAHİN E., Karadayi N.  
JOURNAL OF COORDINATION CHEMISTRY, vol.63, pp.3453-3462, 2010 (Journal Indexed in SCI)
- **Synthesis of 4,4'-biquinazoline alcohols as chiral catalysts in enantioselective alkynylation of aldehydes with phenyl acetylene**  
CATIR M., ÇAKICI M., Karabuga S., Ulukanli S., ŞAHİN E., KILIÇ H.  
TETRAHEDRON-ASYMMETRY, vol.20, pp.2845-2853, 2009 (Journal Indexed in SCI)

- **Diastereoselective Control Through Hydrogen Bonding in the Aziridination of the Chiral Allylic Alcohols by Acetoxyaminoquinazolinone**  
ÇAKICI M., Karabuga S., KILIÇ H., Ulukanli S., ŞAHİN E., Sevin F.  
JOURNAL OF ORGANIC CHEMISTRY, vol.74, pp.9452-9459, 2009 (Journal Indexed in SCI)
- **N'-(E)-Benzylidene]-1-ethyl-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carbohydrazide**  
Deeba F., Khan M. A. , Zia-ur-Rehman M., ŞAHİN E., Caylak N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- **Addition of hypobromous acid to 1-phenylcycloalkenes**  
Ceylan M., Findik E., ŞAHİN E., KAZAZ C.  
RUSSIAN CHEMICAL BULLETIN, vol.58, pp.2299-2303, 2009 (Journal Indexed in SCI)
- **2,4-Di-tert-butyl-6-[(2,5-difluorophenyl)iminomethyl]phenol**  
Celik O., Kasumov V. T. , ŞAHİN E.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- **5,6-Diphenylpyrazine-2,3-dicarbonitrile**  
HÖKELEK T., Yalcin E., SEFEROĞLU Z., ŞAHİN E.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- **Regioselective synthesis of the 3,4-dihydrofuro[3,2-d]pyrimidin-2(1H)-one skeleton: a new class of compound**  
Koza G., Ozcan S., ŞAHİN E., Balci M.  
TETRAHEDRON, vol.65, pp.5973-5976, 2009 (Journal Indexed in SCI)
- **The first and efficient synthesis of some of the polyhalogenated benzobarrelenes: unusual formation of a benzosemibullvalene derivative**  
SENGUL M. E. , GULTEKIN D. D. , Essiz S., ŞAHİN E., DAŞTAN A.  
TETRAHEDRON, vol.65, pp.4859-4865, 2009 (Journal Indexed in SCI)
- **Synthesis, characterization and antibacterial activity of new sulfonamide derivatives and their nickel(II), cobalt(II) complexes**  
Ozdemir U. O. , Guvenc P., ŞAHİN E., Hamurcu F.  
INORGANICA CHIMICA ACTA, vol.362, pp.2613-2618, 2009 (Journal Indexed in SCI)
- **Preparation, structural, magnetic and thermal properties of two heterobimetallic cyano-bridged nickel(II)-copper(II)/platinum(II) coordination polymers**  
KARADAĞ A., Senocak A., Oenal I., Yerli Y., ŞAHİN E., Basaran A. C.  
INORGANICA CHIMICA ACTA, vol.362, pp.2299-2304, 2009 (Journal Indexed in SCI)
- **Synthesis and characterisation of 2,3a,5,6,7a-pentaacetoxy-octahydro-1H-indene from indan-2-ol**  
BALCIN., KELEBEKLİ L., GÖKSU S., ANIL B., ŞAHİN E.  
JOURNAL OF CHEMICAL RESEARCH, pp.248-251, 2009 (Journal Indexed in SCI)
- **1-Ethyl-N'-(E)-4-hydroxybenzylidene]-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carbohydrazide**  
Deeba F., Khan M. A. , Zia-Ur-Rehman M., Caylak N., ŞAHİN E.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- **Synthesis and characterisation of 2,3,4a,6,8a-penta-acetoxy decahydronaphthalene from 1,2,3,4-tetrahydronaphthalen-2-ol**  
OZTASKIN N., KELEBEKLİ L., GÖKSU S., ANIL B., ŞAHİN E.  
JOURNAL OF CHEMICAL RESEARCH, pp.231-233, 2009 (Journal Indexed in SCI)
- **Diaquabis(N,N-diethylnicotinamide-kappa N-1)bis(4-formylbenzoato-kappa O)cobalt(II)**  
SERTÇELİK M., Tercan B., ŞAHİN E., NECEFOĞLU H., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- **Diaquabis(N,N-diethylnicotinamide-kappa N-1)bis(4-formylbenzoato-kappa O)nickel(II)**  
SERTÇELİK M., Tercan B., ŞAHİN E., NECEFOĞLU H., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)

Indexed in SCI)

- **rac-(2R\*,3S\*,5S\*,6R\*,7S\*,8S\*)-7,8-Dichlorobicyclo[2.2.2]octane-2,3,5,6-tetrayl tetraacetate**  
ŞAHİN E., BARAN A., Balci M.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- **Diaquabis(N,N-diethylnicotinamide-kappa N-1)bis(4-formylbenzoato-kappa O-1)manganese(II)**  
SERTÇELİK M., Tercan B., ŞAHİN E., NECEFOĞLU H., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- **Tetraaquabis(nicotinamide-kappa N-1)cobalt(II) bis(2-fluorobenzoate)**  
ÖZBEK F. E. , Tercan B., ŞAHİN E., NECEFOĞLU H., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- **Manganese(III)-mediated oxidative free-radical additions of 1,3-dicarbonyl compounds to homobenzonorborene and benzobarrelene: mechanistic studies**  
Ali M. F. , Caliskan R. A. , ŞAHİN E., Balci M.  
TETRAHEDRON, vol.65, pp.1430-1437, 2009 (Journal Indexed in SCI)
- **New Heterocyclic Phosphorus Ylides: Synthesis, Crystal Structure, and Theoretical Calculation of Alkyl Substituted 3-(4-Benzoyl-1,5-diphenyl-2,3-dihydro-1H-pyrazol-3-yl)-3-oxo-2-(triphenylphosphoranylidene) Propanoates**  
ÜNGÖREN Ş. H. , SAÇMACI M., Arici C., ŞAHİN E., ARSLAN T., Kandemirli F.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.184, pp.2877-2890, 2009 (Journal Indexed in SCI)
- **First and short syntheses of biologically active, naturally occurring brominated mono- and dibenzyl phenols**  
BALAYDIN H. T. , AKBABA Y., MENZEK A., ŞAHİN E., GÖKSU S.  
ARKIVOC, pp.75-87, 2009 (Journal Indexed in SCI)
- **Structural Analysis of endo- and exo-Benzocyclobutenonorborene-Dibromides by Using H-1, C-13 NMR and X-Ray Diffraction Techniques.**  
ŞAHİN E., ANIL B., DAŞTAN A., KAZAZ C.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (Journal Indexed in SCI)
- **Synthesis, Crystal Structure and Characterisation of a Novel Mononuclear Boron-Schiff Base Complex**  
Bilgic R., ŞAHİN E., Kenar A., Atakol O., KAZAZ C.  
MAIN GROUP METAL CHEMISTRY, vol.32, pp.85-92, 2009 (Journal Indexed in SCI)
- **A New Sodium Borate: Na[B6O8(OH)(3)]center dot 6H(2)O center dot H3BO3**  
Kose D. A. , Zumreoglu-Karan B., HÖKELEK T., ŞAHİN E.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.635, pp.563-566, 2009 (Journal Indexed in SCI)
- **Macromolecular Crystallographic Studies and Their Relevance to SESAME**  
ASLANTAŞ M., AYGAN A., Kendi E., ŞAHİN E., Celik C., Buyukdemirkiran T.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (Journal Indexed in SCI)
- **rac-3,4-trans-Dichloro-1,2,3,4-tetrahydro-2-naphthyl acetate**  
ŞAHİN E., KISHALIN., KARA Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.64, 2008 (Journal Indexed in SCI)
- **Stereoselective synthesis of spirocyclic cyclopentapyrans by the Pauson-Khand reaction on camphor tethered enynes**  
Sezer S., Gumrukcu Y., ŞAHİN E., TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.19, pp.2705-2710, 2008 (Journal Indexed in SCI)
- **Spectroscopic, thermal and voltammetric studies of crystalline complex trans-N,N'-bis(salicylidene)-1',2'-cyclohexanediamine with Cu(II)**  
ASLANTAŞ M., TÜMER M., ŞAHİN E.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.71, pp.263-



268, 2008 (Journal Indexed in SCI)

- **N-(2,6-dimethyl-3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-hydroxy-2,2-diphenylacetamide**  
Yalcin S. P. , AKKURT M., ŞAHİN E., Guzel O., Salman A., Ihan E.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.64, 2008 (Journal Indexed in SCI)
- **X-ray, FT-Raman, FT-IR spectra and ab initio HF, DFT calculations of 2-[(5-methylisoxazol-3-yl)amino]-2-oxo-ethyl methacrylate**  
Karabacak M., ŞAHİN E., Cinar M., EROL İ., KURT M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.886, pp.148-157, 2008 (Journal Indexed in SCI)
- **New beta-tricarbonyl compounds: Synthesis, reactions with urea and some thioureas**  
SAÇMACI M., Alkan A., SAÇMACI Ş., SARIPINAR E., ŞAHİN E.  
HETEROCYCLES, vol.75, pp.2013-2021, 2008 (Journal Indexed in SCI)
- **Structural characterization and electrochemical properties of the 3,3'-5,5-tetra-tert-butyl-4,4'-diphenoquinone**  
TÜMER M., ASLANTAŞ M., ŞAHİN E., Deligonul N.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.70, pp.477-481, 2008 (Journal Indexed in SCI)
- **Synthesis and crystal structures of two hetarylazo indole disperse dyes**  
SEFEROĞLU Z., Tokay N., HÖKELEK T., ŞAHİN E.  
STRUCTURAL CHEMISTRY, vol.19, pp.559-564, 2008 (Journal Indexed in SCI)
- **Synthesis of cyclopropane-annulated conduritol derivatives: norcaran-2,3,4,5-tetraoles**  
SENGUEL M. E. , MENZEK A., ŞAHİN E., ARIK M., SARAÇOĞLU N.  
TETRAHEDRON, vol.64, pp.7289-7294, 2008 (Journal Indexed in SCI)
- **Phosphorus-nitrogen compounds: Part 15. Synthesis, anisochronism and the relationship between crystallographic and spectral data of monotopic spiro-crypta phosphazenes**  
ASMAFİLİZ N., İtler E. E. , KILIÇ Z., HÖKELEK T., ŞAHİN E.  
JOURNAL OF CHEMICAL SCIENCES, vol.120, pp.363-376, 2008 (Journal Indexed in SCI)
- **Synthesis, spectral and thermal properties, and crystal structure of catena-poly-mu-ethylenediamine(dipicolinato)zinc(II) trihydrate, {[Zn(dipic)(mu-en)]center dot 3H(2)O}(n)**  
ÇOLAK A. T. , YEŞİLEL O. Z. , HÖKELEK T., ŞAHİN E.  
STRUCTURAL CHEMISTRY, vol.19, pp.285-290, 2008 (Journal Indexed in SCI)
- **2-Hydroxyimino-1-phenylethanone thiosemicarbazone monohydrate**  
SARIKAVAKLI N., Babahan I., ŞAHİN E., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (Journal Indexed in SCI)
- **The first hydroxo-bridged saccharinate complexes: Syntheses, spectral, thermal, structural characterization and antimicrobial activities of [Cu(mu-OH)(sac-N)(deten)](2)center dot 2H(2)O and [Cu(mu-OH)(sac-O)(tmen)](2)**  
YEŞİLEL O. Z. , Darcan C., ŞAHİN E.  
POLYHEDRON, vol.27, pp.905-913, 2008 (Journal Indexed in SCI)
- **Cycloaddition Reaction of 1,4-Dihydronaphthalene 1,4-Epoxyde with Cyclooctatetraene: Cope Rearrangement in an Adduct**  
MENZEK A., KELEBEKLİ L., Altundas A., ŞAHİN E., Polat F.  
HELVETICA CHIMICA ACTA, vol.91, pp.2367-2378, 2008 (Journal Indexed in SCI)
- **Synthesis, characterization and antimicrobial activity of a Zn(II) complex with 1-(1H-benzoimidazol-2-yl)-ethanone thiosemicarbazone**  
POYRAZ M., SARI M., Gueney A., DEMİRCİ F., DEMİRAYAK Ş., ŞAHİN E.  
JOURNAL OF COORDINATION CHEMISTRY, vol.61, pp.3276-3283, 2008 (Journal Indexed in SCI)
- **Structural analysis of 5-[thiazol-2-yl-diazenyl]pyrimidine-2,4,6(1H,3H,5H)-trione in both solid state and solution**  
SEFEROĞLU Z., HÖKELEK T., ŞAHİN E.  
COLORATION TECHNOLOGY, vol.124, pp.111-116, 2008 (Journal Indexed in SCI)
- **Crystal structure and thermal analysis of new mononuclear nickel (II) complexes with NNN type pyrazolyl**

## ligands and halids

TAŞTEKİN M., Durmus S., ŞAHİN E., Arici C., EMREGÜL K. C. , ATAKOL O.

ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.223, pp.424-429, 2008 (Journal Indexed in SCI)

- **The synthesis, spectroscopic properties and crystal structure of novel, bis-hetarylazo disperse dyes**  
SEFEROĞLU Z., Ertan N., HÖKELEK T., ŞAHİN E.  
DYES AND PIGMENTS, vol.77, pp.614-625, 2008 (Journal Indexed in SCI)
- **Phosphorus-nitrogen compounds. 14. Synthesis, stereogenism, and structural investigations of novel N/O spirocyclic phosphazene derivatives**  
İlter E. E. , Asmafiliz N., Kilic Z., Isiklan M., Hoেকেlek T., Caylak N., Sahin E.  
INORGANIC CHEMISTRY, vol.46, pp.9931-9944, 2007 (Journal Indexed in SCI)
- **Synthesis and characterization of diorganotin(IV) complexes of Schiff bases with ONO-type donors and crystal structure of [N-(2-hydroxy-4-nitrophenyl)-3-ethoxysalicylideneiminato]diphenyltin(IV)**  
Celebier M., Sahin E., Ancin N., Oeztas N. A. , Oeztas S. G.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.21, pp.913-918, 2007 (Journal Indexed in SCI)
- **2,2'-(1,1'-(propane-2,2-diylidimino)-diethylidene)diphenol**  
Sahin E., Bilgic R., Kenar A., Atakol O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)
- **Copolymers of 2-acrylamido-2-methyl-1-propanesulfonic acid/maleic acid: Synthesis, characterization and antimicrobial activity**  
Soykan C., Coskun R., Delibas A., Sahin E.  
CHINESE JOURNAL OF POLYMER SCIENCE, vol.25, pp.491-500, 2007 (Journal Indexed in SCI)
- **2-Hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2,2-diphenylacetamide**  
Akkurt M., Karaca S., Sahin E., Guezel O., Salman A., İlhan E.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)
- **4-[(E)-Phenyldiazenyl]-2-[(E)-phenyl-iminomethyl]phenol**  
Aslantas M., Kurtoglu N., Sahin E., Kurtoglu M.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **Diaquabis(4-chlorobenzoato-kappa O)bis(N,N'-diethylnicotinamide-kappa N)zinc(II)**  
Sari M., Goekce G., Goekce S., Sahin E., Necefoglu H.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)
- **(1Z,2E)-1-(3,5-dimethyl-1H-pyrazol-1-yl)ethane-1,2-dione dioxime**  
Sarıkavaklı N., Sahin E., Hokelek T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **2-(2,2-Dimethoxyethyl)-3-oxo-1,2,3,4,5,6-hexahydro-1,5-methano-7H-azocino[4,3-b]indole**  
Hoেকেlek T., Sahin E., Uludag N., Erdogan U. I.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **Synthesis, spectral studies of salicylidine-pyridines: Crystal and molecular structure of 2-[(1E)-2-aza-2-(5-methyl (2-pyridyl)ethenyl)]-4-bromobenzen-1-ol**  
Dal H., Suzen Y., Sahin E.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.67, pp.808-814, 2007 (Journal Indexed in SCI)
- **3-[5,6-Dimethyl-1,3-benzothiazol-2-yl]-diazanyl]-1-methyl-2-phenyl-1H-indole**  
Hoেকেlek T., Seferoglu Z., Sahin E.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **1-Methyl-3-(5-methylthiazol-2-yl-diazenyl)-2-phenyl-1H-indole**  
Hoেকেlek T., Seferoglu Z., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **O-butyl S-(1,1,3-trioxobenz[d]isothiazol-2-yl)methyl dithiocarbonate**

Akkurt M., Karaca S., Sahin E., Guezel O., Salman A.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)

- **3-(6-Methoxybenzothiazol-2-ylidiazenyl)-1-methyl-2-phenyl-1H-indole**

Hokelek T., Seferoglu Z., Sahin E., Kaynak F. B.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **3-[(5-Ethyl-1,3,4-thiadiazol-2-yl)diazenyl]-1,2-dimethyl-1H-indole**

Hokelek T., Seferoglu Z., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **1,2-Dimethyl-3-[(5-methylsulfanyl-1,3,4-thiadiazol-2-yl)diazenyl]-1H-indole**

Hokelek T., Seferoglu Z., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **1,2-Dibromo-5-(4-tolylsulfonyl)-2,2a,4a,5,7a,7b-hexahydro-1H-7-oxa5-azacyclobuta[e]inden-6-one**

Sahin E., KELEBEKLIL., Kara Y., Celik M., BALCI M.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)

- **Synthesis of enantiomerically pure analogues of the meta-substituted aniline antibiotics**

ZILBEYAZ K., ŞAHİN E., KILIÇ H.

Tetrahedron Asymmetry, vol.18, pp.791-796, 2007 (Journal Indexed in SCI)

- **1-Methyl-2-phenyl-1H-indole**

Hokelek T., Seferoglu Z., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **The synthesis of unusual isocoumarin derivatives: the chemistry of homophthalic acid**

Ozcan S., Sahin E., Balci M.

TETRAHEDRON LETTERS, vol.48, pp.2151-2154, 2007 (Journal Indexed in SCI)

- **Enantioselective synthesis of 4,5,6,7-tetrahydro-4-oxo-benzofuran-5-yl acetate and 1-benzyl-4,5,6,7-tetrahydro-4-oxo-1(H)-indol-5-yl acetate using chemoenzymatic methods**

Demir A. S. , Caliskan Z., Sahin E.

JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.44, pp.87-92, 2007 (Journal Indexed in SCI)

- **5-[(5-Methylthiazol-2-yl)diazenyl]pyrimidine-2,4,6(1H,3H,5H)-trione**

Hokelek T., Seferoglu Z., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **6-Amino-1,3-dimethyl-5-(4-methylthiazol-2-ylidiazenyl)uracil**

Seferoglu Z., Hokelek T., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **trans-N, N'-bis(3-methoxysalicylidene)cyclohexane-1,2-diamine**

Aslantas M., Tumer M., Sahin E., Tumer F.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)

- **3-(5-Ethyl-1,3,4-thiadiazol-2-ylidiazenyl)-1-methyl-2-phenyl-1H-indole**

Seferoglu Z., Hokelek T., Sahin E., Ertan N.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- **Synthesis, characterization and antimicrobial activity of poly(2-acrylamido-2-methyl-1-propanesulfonic**

**acid-co-crotonic acid)**

Soykan C., Coskun R., Kirbag S., Sahin E.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, pp.31-39, 2007 (Journal Indexed in SCI)

- **Synthesis, Structural Characterization, Electrochemical, Catalytic, Antimicrobial and Thermal Properties of the Polymeric Metal Complexes**  
Yılmaz O., ŞAHİN E., TÜMER M., ASLANTAŞ M.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.63, 2007 (Journal Indexed in SCI)
- **Synthesis of phenyl-substituted conduritol B and its mechanism of formation**  
Cantekin S., Caliskan R., Sahin E., Balci M.  
HELVETICA CHIMICA ACTA, vol.90, pp.2227-2235, 2007 (Journal Indexed in SCI)
- **1-Methyl-2-phenyl-3-(1,3,4-thiadiazol-2-ylidiazenyl)-1H-indole**  
Seferoglu Z., Hokelek T., Sahin E., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **Stereospecific synthesis of bisdihydroxylated dicyclopentadiene**  
Salamci E., Sahin E.  
JOURNAL OF CHEMICAL RESEARCH-S, pp.62-64, 2007 (Journal Indexed in SCI)
- **Vitamin B13 complexes of nickel(II) and copper(II) with ethanolamine: Syntheses, crystal structures, spectroscopic and thermal studies**  
Yesilel O. Z. , Sahin E.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.633, pp.1087-1093, 2007 (Journal Indexed in SCI)
- **1,2-dimethyl-3-(thiazol-2-ylidiazenyl)-1H-indole**  
Seferoglu Z., Hokelek T., Sahin E., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)
- **Ethyl 2-{2-[(1-methyl-2-phenyl-1H-indol-3-yl)diazenyl]thiazol-4-yl}acetate**  
Seferoglu Z., Hokelek T., Sahin E., Saylam A., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **1,3-Dimethyl-5-(thiazol-2-ylidiazenyl)pyrimidine-2,4,6(1H,3H,5H)-trione**  
Seferoglu Z., Hokelek T., Sahin E., Celik M. E. , Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **Stereoselective synthesis of optically active cyclitol precursors via a chemoenzymatic method**  
Oguzkaya F., Sahin E., Tanyeli C.  
TETRAHEDRON-ASYMMETRY, vol.17, pp.3004-3009, 2006 (Journal Indexed in SCI)
- **Conformational control on remote stereochemistry in the intramolecular Pauson-Khand reactions of enynes tethered to homoallyl and homopropargyl alcohols**  
Sezer S., Ozdemirhan D., Sahin E., Tanyeli C.  
TETRAHEDRON-ASYMMETRY, vol.17, pp.2981-2986, 2006 (Journal Indexed in SCI)
- **Intermolecular one-pot cyclization of formyl-pyrroles of amino acid esters with norephedrine: stereoselective routes to new tricyclic pyrrole-pyrazine-oxazole fused structures**  
Demir A. S. , Subasi N. T. , Sahin E.  
TETRAHEDRON-ASYMMETRY, vol.17, pp.2625-2631, 2006 (Journal Indexed in SCI)
- **Stereospecific synthesis of a new class of aminocyclitol with the conduramine D-2 configuration**  
KELEBEKLI L., Celik M., Sahin E., Kara Y., BALCI M.  
TETRAHEDRON LETTERS, vol.47, pp.7031-7035, 2006 (Journal Indexed in SCI)
- **Ethyl [2-(2-phenyl-1H-indol-3-ylidiazenyl)-1,3-thiazol-4-yl] acetate**  
Seferoglu Z., Hokelek T., Sahin E., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)

- **5-(4-ethoxyphenyldiazenyl)-8-hydroxyquinoline**  
Seferoglu Z., Hokelek T., Sahin E., Saylam A., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **N-{4-[(2-phenyl-1H-indol-3-yl)diazenyl]phenyl}acetamide**  
Seferoglu Z., Hokelek T., Sahin E., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **1SR,2SR,3SR,4RS,5RS,6RS,7SR,8RS)-7,8-dichlorobicyclo[4.2.0]octa-2,3,4,5-tetrayl tetraacetate**  
Sahin E., Kelebekli L., Kara Y., Balci M.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **2-amino-5-(p-nitrophenylsulfonyl)-1,3-thiazole**  
Seferoglu Z., Hokelek T., Sahin E., Nuralin F.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **3-(4-chloro-phenyl-diazen-yl)-1-methyl-2-phenyl-1H-indole**  
Seferoglu Z., Hokelek T., Sahin E., Ertan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (Journal Indexed in SCI)
- **An intramolecular substitution of hydroperoxy-endoperoxide to a bis-endoperoxide**  
Kishali N., Sahin E., Kara Y.  
ORGANIC LETTERS, vol.8, pp.1791-1793, 2006 (Journal Indexed in SCI)
- **Regio- and stereocontrolled synthesis of (2R\*,3R\*,4R\*)-3,4-dichloro-1,2,3,4,5,8-hexahydronaphthalen-2-yl acetate via tandem S(N)2 ' reactions**  
Horasan-Kishali N., Sahin E., Kara Y.  
HELVETICA CHIMICA ACTA, vol.89, pp.1246-1253, 2006 (Journal Indexed in SCI)
- **The photooxygenation of tetrahydronaphthalene and its chemical transformation**  
ŞAHİN E., KİSHALIN., KARA Y.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.62, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **title Crystal structure and Hirshfeld surface analysis of (E)-4-[[2-(4-hydroxybenzoyl)hydrazin-1-ylidene]methyl]pyridin-1-ium nitrate/title**  
NAZİRİ M. A. , ŞAHİN E., HÖKELEK T.  
Acta Crystallographica Section E Crystallographic Communications, vol.74, pp.323-327, 2018 (Refereed Journals of Other Institutions)
- **Crystal structure and Hirshfeld surface analysis of (E)-4-[[2-(4-hydroxybenzoyl)hydrazin-1-ylidene]methyl]pyridin-1-ium nitrate**  
Naziri M. A. , ŞAHİN E., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.74, pp.323-332, 2018 (Journal Indexed in ESCI)
- **Synthesis of the 3,5-diphenyl-1H-pyrazole and cytogenetic and oxidative alterations after exposure of cultured human whole blood cells**  
Akbaş E., Celikezen F. C. , Turkez H., Ozdemir O., Rüzgar A., Ergan E., ŞAHİN E.  
COGENT CHEMISTRY, vol.3, 2017 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Crystal structure of (E,E)-1,3-bis(4-fluorobenzylidene)indan-2-one**  
METE E., GÜL H. İ. , ŞAHİN E.

Uluslararası Katılımlı 4. Organik Kimya Kongresi (OrgChemTR-4), Erzurum, Turkey, 4 - 07 October 2018

- **4-(2-(3,4-DİMETOKSİ)SİKLOPENTİL)-1,2-DİMETOKSİBENZEN VE TÜREVLERİNİN SENTEZLERİ**

ARTUNÇ T., ÇETİNKAYA Y., MENZEK A., ŞAHİN E.

27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

- **(3,4-Dimetoksifenil)(2,3,4-trimetoksifenil)metanonun Bromlama Esnasında Seçici O-Demetilasyonu**

ÇETİNKAYA Y., MENZEK A., ŞAHİN E., BALAYDIN H. T.

25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011

- **Hidroksil içeren Diaril Metan Türevi Bileşiklerin NMR ve X-ray Spektroskopisi ile İncelenmesi**

KAZAZ C., ÇETİNKAYA Y., MENZEK A., ŞAHİN E.

Uluslararası Katılımlı XII Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011

## Supported Projects

ŞAHİN E., Project Supported by Higher Education Institutions, 8AZOMETİN BOYAR MADDELERİN VE KOMPLEKSLERİNİN SENTEZİ, KARAKTERİZASYONU VE X-İŞİNİ TEK KRİSTAL YAPI ANALİZİ, 2013 - 2014

ŞAHİN E., Project Supported by Higher Education Institutions, BAZI GEÇİŞ METALLERİ İLE KARIŞIK LİGANTLI 5-SÜLFOSALİSİLAT KOMPLEKSLERİNİN SENTEZİ VE X-İŞİNLARI KIRINIMI YÖNTEMİYLE TEK KRİSTAL YAPI ANALİZİ, 2012 - 2014

## Citations

Total Citations (WOS):2257

h-index (WOS):22