

Prof. Dr. HAKAN DAL

Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: A-1160-2018

Yoksis Araştırmacı ID: 58592

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1997 - 2002

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 1994 - 1997

Lisans, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1989 - 1993

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Spiro-, ansa-, ve spiro-ansa fosfazen türevlerinin sentezi ve yapılarının incelenmesi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2002

Yüksek Lisans, N-Diklorofosforil-P-trikloromonofosfazen alkoliz ve aminoliz reaksiyonlarından oluşan ürünlerin yapılarının incelenmesi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1997

Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, AÇIKÖĞRETİM FAKÜLTESİ, Tıbbi Hizmetler Ve Teknikler Bölümü, 2019 - Devam Ediyor

Prof. Dr., Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Yükseköğretim Kurulu Başkanlığı, 2015 - Devam Ediyor

Prof. Dr., Eskişehir Teknik Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - 2019

Prof. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2015 - 2018

Doç. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2008 - 2015

Yrd. Doç. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2002 - 2008

Araştırma Görevlisi, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1995 - 2002

Verdiği Dersler

KİM338 X Işınları Analiz Teknikleri, Lisans, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

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Yönetilen Tezler

HAKAN D., Bazı diammin ve dihidroksi türevli, ağ yapılı polifosfazen mikrokürelerin sentezi ve yapısal özelliklerinin incelenmesi, Yüksek Lisans, M.TEMEL(Öğrenci), 2015

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- I. **Ni(II) complexes with 1,3,2,4-dithiadiphosphetane 2,4-disulfide-based ligands: Structural insights, theoretical studies, and anticancer activities**
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- II. **New Heterobimetallic Ferrocenyl Dithiophosphonato Cd(II) and Hg(II) Complexes: DNA Interactions, Antimicrobial and Anticancer Activity Studies of the Cd(II) Complexes**
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- III. **New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, characterization, antiproliferative activity and X-ray, DFT, molecular docking studies on trans-bis-[O-3-methyl-1-butyl-(ferrocenyl) dithiophosphonato]nickel(II)**
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- IV. **New energetic Silver(I) complexes with Nnn type Pyrazolylypyridine ligands and oxidizing anions**
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- V. **Syntheses and structural characterization of new trans-bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato] nickel(II), the pyridine derivative thereof, and bis-{bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato]cobalt(II)} complexes**
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- VI. **Efficient syntheses and antimicrobial activities of new thiophene containing pyranone and quinolinone derivatives using manganese(III) acetate: the effect of thiophene on ring closure-opening reactions**
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- VIII. **Synthesis, Quantum Chemical Calculations and Molecular Docking Studies, Biological and Anion Sensor Properties of (E)-4-[(4-ethoxy-phenylimino)methyl]-2-methoxyphenol**
 Zeyrek C. T., ÜNVER H., BOYACIOĞLU B., DEMİR N., Yapar G., DAL H., Yildiz M.
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- IX. **Synthesis, characterization, and investigations of antimicrobial activity of benzopyrans, benzofurans and spiro[4.5]decanes**
 Akpınar D. E., YAKUT M., Aslan H., ALAGÖZ O., Oktemer A., DAL H., Hokelek T., LOĞOĞLU E.
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- X. **Synthesis, characterization and computational investigation of novel metalloporphyrazines containing 15-membered O2S2-donor macrocyclic moieties**
 Baygu Y., YILDIZ B., Karac I., DAL H., GÖK Y.
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- XI. **Synthesis of ferrocene substituted dihydrofuran derivatives via manganese(III) acetate mediated radical addition-cyclization reactions**
 Aslan H., Oktemer A., DAL H., Hokelek T.
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- XII. **Syntheses, characterization of and studies on the electrochemical behaviour of ferrocenyl dithiophosphonates and 4-methoxyphenyl dithiophosphonates**
 SAĞLAM E. G., Erden S., Tutsak O., ESKİKÖY BAYRAKTEPE D., Durmus Z. Y., DAL H., Ebinc A.
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- XIII. **The synthesis, characterization and computational investigation of new metalloporphyrazine containing 15-membered S-4 donor macrocyclic moieties**
 Yildiz B., Baygu Y., KARA İ., DAL H., GÖK Y.
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- XIV. **Phosphorus-nitrogen compounds part 33: in vitro cytotoxic and antimicrobial activities, DNA interactions, syntheses, and structural investigations of new mono(4-nitrobenzyl)spirocyclotriposphazenes**
 OKUMUŞ A., AKBAŞ H., Kilic Z., Koc L. Y., AÇIK L., AYDIN B., TÜRK M., Hokelek T., DAL H.
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- XV. **Phosphorus nitrogen compounds: Part 34. Syntheses, structural investigations, cytotoxic and biological activities of spiro-ansa-spiro and spiro-bino-spiro tetrameric phosphazene derivatives**
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- XVI. **Syntheses and structural characterizations of a new benzyl(4-methoxyphenyl)dithiophosphinic acid and its Ni(II), Co(II), Zn(II), Cd(II), and Ni-pyridine complexes**
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- XVII. **Hydrothermal Synthesis and Crystal Structure of Novel Oxovanadium Coordination Polymer: [((VO)-O-IV)(2)(OH)(2)(C10H6(COO)(2))](infinity)**
 ÇEVİK S., Alkaya Z. A., DAL H., SARI M.
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- XVIII. **New NO donor ligands and complexes containing furfuryl or crown ether moiety: Syntheses, crystal structures and tautomerism in ortho-hydroxy substituted compounds as studied by UV-vis spectrophotometry**
 Sahin D., Kocoglu S., Sener O., Senol C., DAL H., Hokelek T., HAYVALI Z.
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- XIX. **Synthesis, biological activity, DNA binding and anion sensors, molecular structure and quantum**

chemical studies of a novel bidentate Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde

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- XX. **Phosphorus-nitrogen compounds: Part 31. Syntheses, structural and stereogenic properties, in vitro cytotoxic and antimicrobial activities, and DNA interactions of bicyclotetraphosphazenes containing bulky side group**
Mutlu G., ELMAS G., Kiliç Z., Hökelek T., Koç L. Y., Türk M., AÇIK L., AYDIN B., DAL H.
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- XXI. **Experimental and theoretical investigation of a novel mononuclear copper(II) azido compound with tridentate (NNO) Schiff base**
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- XXII. **Structural characterization, electrochemical, photoluminescence and thermal properties of potassium ion-mediated coordination polymer**
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- XXIII. **Synthesis and characterization of complexes of a novel proton transfer salt and their inhibition studies on carbonic anhydrase isoenzymes**
Ilkimen H., Yenikaya C., SARI M., Bülbül M., Tunca E., DAL H., Baş M.
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- XXIV. **A Tridentate In Situ Generated Ligand Leading the Self-Assembly of a Transition Metal Coordination Polymer: Solvothermal Synthesis and Structural Characterization of 1D Cadmium Pyridine-2-Carboxylate**
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- XXV. **Phosphorus-nitrogen compounds. Part 29. Syntheses, crystal structures, spectroscopic and stereogenic properties, electrochemical investigations, antituberculosis, antimicrobial and cytotoxic activities and DNA interactions of ansa-spiro-ansa cyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., Koç L., Soltanzade H., Kılıç Z., Hökelek T., DAL H., AÇIK L., Üstündağ Z., DÜNDAR D., et al.
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- XXVI. **An experimental and theoretical investigation on adsorption properties of some diphenolic Schiff bases as corrosion inhibitors at acidic solution/mild steel interface**
YURT ŞEN A., DURAN B., DAL H.
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- XXVII. **Synthesis and characterization of a proton transfer salt between 2,6-pyridinedicarboxylic acid and 2-aminobenzothiazole, and its complexes and their inhibition studies on carbonic anhydrase isoenzymes**
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- XXVIII. **Intramolecular Hydrogen Bonding and Tautomerism in Schiff Bases: Synthesis, Spectroscopic and Theoretical Studies of N-(2,2'-Methylenebis(4-methoxyphenyl)salicylidene and N-(2,2'-Methylenebis(4-methoxyphenyl)-2-oxonaphthalidene-methylamine**
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- XXIX. **Two new pyridine-2,3-dicarboxylate coordination polymers prepared from zerovalent metal precursor: Syntheses, luminescent and magnetic properties**
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- XXX. **The Tetra[N-phenylanthranilato](O,O')bis[(2-amino-4-methyl)pyridine Copper(II)] Complex Crystal**

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- XXXI. **Construction of homo- and heterometallic-pyridine-2,3-dicarboxylate metallosupramolecular networks with structural diversity: 1D T5(2) water tape and unexpected coordination mode of pyridine-2,3-dicarboxylate**
Semerci F., YEŞİLEL O. Z., Keskin S., DARCAN C., TAŞ M., DAL H.
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- XXXII. **Synthesis and characterization of Tetrakis- μ -[N-phenylanthranilato] (O,O')-bis[(4-vinylpyridine copper(II))] complex**
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- XXXIII. **Phosphorus-Nitrogen Compounds. Part 24. Syntheses, Crystal Structures, Spectroscopic and Stereogenic Properties, Biological Activities, and DNA Interactions of Novel Spiro-ansa-spiro- and Ansa-spiro-ansa-cyclotetraphosphazenes**
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- XXXIV. **One-dimensional cyano-bridged heterometallic (Cu/Ni and Cu/Pd) complexes with 1-ethylimidazole**
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- XXXV. **Phosphorus-nitrogen compounds. Part 23: Syntheses, structural investigations, biological activities, and DNA interactions of new N/O spirocyclotriphosphazenes**
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- XXXVI. **Synthesis and crystal structure of cyano-bridged three dimensional polyheteronuclear complex**
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- XXXVII. **SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATIONS OF NOVEL Ni(II) AND Co(II) DITHIOPHOSPHINATE COMPLEXES, AND X-RAY STUDIES ON THE Ni(II) COMPLEX**
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- XXXVIII. **The two Bis(4-aminosalicylato-O) bis(N,N-dimethylethylenediamine)Ni(II) complexes**
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- XXXIX. **Syntheses, spectroscopic and structural characterizations and metal ion binding properties of Schiff bases derived from 4'-aminobenzo-15-crown-5**
Guler H., HAYVALI Z., DAL H., Hokelek T.
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- XL. **Phosphorus-nitrogen compounds part 22. Syntheses, structural investigations, biological activities and DNA interactions of new mono and bis (4-fluorobenzyl) spirocyclophosphazenes**
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- XLI. **Two novel 2D and 3D coordination polymers constructed from pyrazine-2,3-dicarboxylic acid and chloride bridged secondary building units**
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- XLII. **Synthesis, characterization, tautomerism and theoretical study of some new Schiff base derivatives**

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- XLIII. **2-Methyl-5-nitro-1H-benzimidazol-6-amine dihydrate**
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- XLIV. **Cyano-Bridged Heteropolynuclear Ni(II), Cu(II) and Cd(II) Complexes, [M(detn)(2)Ni(mu-CN)(2)(CN)(2)] (n)**
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- XLV. **Syntheses, characterizations and structures of NO donor Schiff base ligands and nickel(II) and copper(II) complexes**
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- XLVI. **Spectroscopic Determination of the Acid Dissociation Constants of Some 2-Hydroxy Schiff Base Derivatives**
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- XLVII. **The synthesis, molecular structure, FT-IR and XRD spectroscopic investigation of 4-[(2-((2-furylmethyl)imino)methyl)-4-methoxyphenoxy)methyl]benzotrile: A comparative DFT study**
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- XLVIII. **Phosphorus-nitrogen compounds: Part 19. Syntheses, structural and electrochemical investigations, biological activities, and DNA interactions of new spirocyclic monoferrocenylcyclotriphosphenes**
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- XLIX. **Diaquabis(4-methoxybenzoato-kappa O)bis(nicotinamide-kappa N 1)nickel(II) dihydrate**
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- L. **Diaquabis(4-methoxybenzoato-kappa O 1)bis(nicotinamide-kappa N 1)cobalt(II) dihydrate**
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- LI. **Syntheses, spectroscopic and crystallographic characterizations of 4-nitrobenzyloxy derivatives and benzofurans from ortho-substituted benzaldehydes and 4-nitrobenzyl bromide**
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- LII. **catena-Poly[[bis(4-methylbenzoato-kappa 2 O:O')lead(II)]-mu-nicotinamide-kappa 2 N 1:O]**
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- LIII. **catena-Poly[[[(4-methylbenzoato-kappa O)manganese(II)]-mu-aqua-bis(mu-4-methylbenzoato-kappa O-2:O ')][(4-methylbenzoato-kappa O)manganese(II)]-bis(mu-N,N-diethylnicotinamide)-kappa N-2(3):O;O:N-3]**
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- LIV. **Diaquabis(4-methylbenzoato-kappa O)bis(nicotinamide-kappa N-1)manganese(II)**
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- LV. **Tetrakis(mu-4-methylbenzoato-kappa O-2:O ')bis[(N,N-diethylnicotinamide-kappa N-1)zinc(II)]**
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- LVI. **N-ferrocenoyl benzotriazole: A convenient tool for the synthesis of ferrocenoyl esters**
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