

Prof. OSMAN SERİNDAĞ

Personal Information

Email: osmanser@cu.edu.tr

Web: <https://avesis.cu.edu.tr//osmanser>

Education

Doctorate, Leicester Üniversitesi, Fen Bilimleri Enstitüsü, United Kingdom 1987 - 1994

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1984 - 1987

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimyagerlik Bölümü, Turkey 1980 - 1984

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The synthesis of some aminobis(methylphosphines) and their transition metal complexes , Cukurova University, Fen Bilimleri Enstitüsü, İnorganik Kimya, 1994

Postgraduate, Leuco kükürtlü boya sentezi ve hashıklarının tayini, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 1987

Research Areas

Chemistry, Inorganic Chemistry, Organometallic Chemistry, Natural Sciences

Academic Positions

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2002 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 1996 - 2002

Medical Doctor, --Seçiniz--, Fen Bilimleri Enstitüsü, Kimya, 1987 - 1994

Academic and Administrative Experience

Üniversitelerarası Kurul, 2011 - Continues

Abdullah Gul University, 2011 - 2014

Cukurova University, 2009 - 2011

Cukurova University, 2006 - 2011

Cukurova University, 2003 - 2006

Cukurova University, 2001 - 2004

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Synthesis and photoluminescence properties of $\text{NaCa}_4(\text{BO}_3)_3:\text{xEu}^{2+}$, xCe^{3+} Co-doped with lanthanide**
Isik S., Halefoğlu Y. Z., Serindag O.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.17, pp.956-960, 2016 (SCI-Expanded)
- II. **Synthesis and photoluminescence properties of $\text{NaCa}_4(\text{BO}_3)_3:\text{xEu}^{2+}$, xCe^{3+} codoped with lanthanide**
Isik S., HALEFOĞLU Y. Z., Serindag O.
Journal of Ceramic Processing Research, vol.17, no.9, pp.956-960, 2016 (SCI-Expanded)
- III. **Combustion synthesis and photoluminescence properties of $\text{CaAl}_2\text{O}_4:\text{Eu}^{2+}$, Y^{3+} based long lasting nanophosphors**
Halefoglul Y. Z., Serindag O.
Journal of Ceramic Processing Research, vol.15, pp.262-265, 2014 (SCI-Expanded)
- IV. **Thermal, electrical and optical properties of phosphine metal complex including Ni**
Yazici D., Gundogmus H., ÖZÇELİK B., Serindag O.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.16, pp.31-35, 2014 (SCI-Expanded)
- V. **Investigation of corrosion inhibition effect of 3-[(2-hydroxy-benzylidene)-amino]-2-thioxo-thiazolidin-4-one on corrosion of mild steel in the acidic medium**
Doner A., Sahin E. A., KARDAŞ G., Serindag O.
CORROSION SCIENCE, vol.66, pp.278-284, 2013 (SCI-Expanded)
- VI. **Synthesis of Silica-Supported Platinum(II) and Nickel(II) Complexes of Bis(Diphenylphosphinomethyl)Amino Ligand: Applications as Catalysts for the Synthesis of 2-Methyl-1,4-Naphthoquinone (Vitamin K-3)**
URUŞ S., KELEŞ M., Serindag O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.1, pp.152-160, 2010 (SCI-Expanded)
- VII. **Synthesis and Characterization of Mono- and Dinuclear Metal Complexes with Novel Azo Compounds and their Dyeing Properties**
YILDIZ E., Cetinkol T., Serindag O.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.40, no.1, pp.19-26, 2010 (SCI-Expanded)
- VIII. **HYDROGENATION OF ACETOPHENONE AND ITS DERIVATIVES WITH 2-PROPANOL USING AMINOMETHYLPHOSPHINE-RUTHENIUM CATALYSIS**
Keles M., Keles T., Serindag O., YAŞAR S., ÖZDEMİR İ.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, no.1, pp.165-170, 2010 (SCI-Expanded)
- IX. **Synthesis and Catalytic Activities of Copper(I) Complexes of Bis(diphenylphosphinomethyl)amino Ligand and its Silica-supported Form**
Urus S., KELEŞ M., Serindag O.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.40, no.9, pp.613-620, 2010 (SCI-Expanded)
- X. **Catalytic Synthesis of 2-Methyl-1,4-Naphthoquinone (Vitamin K3) Over Silica-Supported Aminomethyl Phosphine-Ru(II), Pd(II), and Co(II) Complexes**
Urus S., Keles M., Serindag O.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, no.7, pp.1416-1424, 2010 (SCI-Expanded)
- XI. **Synthesis of Immobilized Schiff Base Complexes as Ligand Exchange Matrix**
Gurten T., Serindag O.
ACTA PHYSICO-CHIMICA SINICA, vol.25, no.11, pp.2218-2224, 2009 (SCI-Expanded)
- XII. **Comparison of Ni, Pd, Pt complexes of N,N-bis(dialkylphosphinomethyl)aminomethane: A DFT study**
Koseoglu A., Kraka E., Serindag O., VARNALI T.

JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.896, pp.49-53, 2009 (SCI-Expanded)

- XIII. **Synthesis and Characterization of Aminophosphines, Bis(amino) phosphine Derivatives, and Their Molybdenum(0) Complexes**
Sarioz O., Serindag O., Abdullah M. I.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.184, no.7, pp.1785-1795, 2009 (SCI-Expanded)
- XIV. **The inhibitive effect of 6-amino-m-cresol and its Schiff base on the corrosion of mild steel in 0.5 M HCl medium**
Keles H., Keles M., DEHRI İ., Serindag O.
MATERIALS CHEMISTRY AND PHYSICS, vol.112, no.1, pp.173-179, 2008 (SCI-Expanded)
- XV. **Palladium complexes with bis(diphenylphosphinomethyl)amino ligands and their application as catalysts for the Heck reaction**
Keles M., Keles T., Serindag O.
TRANSITION METAL CHEMISTRY, vol.33, no.6, pp.717-720, 2008 (SCI-Expanded)
- XVI. **Adsorption and inhibitive properties of aminobiphenyl and its Schiff base on mild steel corrosion in 0.5 M HCl medium**
Keles H., Keles M., Dehri I., Serindag O.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.320, pp.138-145, 2008 (SCI-Expanded)
- XVII. **Synthesis and characterization of bis(diphenylphosphinomethyl)amino ligands and their Ni(II), Pd(II) complexes: Application to hydrogenation of styrene**
Keles M., Altan O., Serindag O.
HETEROATOM CHEMISTRY, vol.19, no.2, pp.113-118, 2008 (SCI-Expanded)
- XVIII. **Synthesis of some nickel(II) diphosphine complexes having coordinated carboxylates (Reprinted from Synthesis and Reactivity in Inorganic Metal-Organic and Nano-Metal Chemistry, vol 38, pg 445-447, 2008)**
Serindag O., Keles M.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.38, no.7, pp.580-583, 2008 (SCI-Expanded)
- XIX. **Synthesis of some nickel(II) diphosphine complexes having coordinated carboxylates**
Serindag O., Keles M.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.38, no.5, pp.445-447, 2008 (SCI-Expanded)
- XX. **Synthesis of palladium complexes with bis(diphenylphosphinomethyl) amino ligands: A catalyst for the Heck reaction of aryl halide with methyl acrylate**
Keles M., Aydin Z., Serindag O.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.692, no.10, pp.1951-1955, 2007 (SCI-Expanded)
- XXI. **Synthesis, characterization, and antimicrobial activities of Cu(I), Ag(I), Au(I), and Co(II) complexes with [CH₃N(CH₂PPh₂)(2)]**
Urus S., Serindag O., Digrak M.
HETEROATOM CHEMISTRY, vol.16, no.6, pp.484-491, 2005 (SCI-Expanded)
- XXII. **A quantum chemical investigation of electrophilic addition reaction of bromine to benzonorbornadiene**
Abbasoglu R., Serindag O., Gok Y.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.491, pp.171-176, 1999 (SCI-Expanded)
- XXIII. **Preparation and reaction of platinum(II) complexes of N,N-bis(dicyclohexylphosphinomethyl)aminomethane. Crystal structures of (Cy₂PCH₂)(2)NMe (Cy = cyclohexyl) and [PtX₂{(Cy₂PCH₂)(2)NMe}], (X = Cl and I)**
Serindag O., Kemmitt R., Fawcett J., Russell D.
TRANSITION METAL CHEMISTRY, vol.24, no.4, pp.486-491, 1999 (SCI-Expanded)
- XXIV. **Effects of ozonation on COD elimination of substituted aromatic compounds in aqueous solution**

Gul S., Serindag O., Boztepe H.

TURKISH JOURNAL OF CHEMISTRY, vol.23, no.1, pp.21-26, 1999 (SCI-Expanded)

- XXV. **Synthesis of a novel diazo functionalised oxime ligand and its Cu(II) and Fe(III) complexes**
Guzel B., Serindag O., Serin S.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.27, no.2, pp.301-309, 1997 (SCI-Expanded)
- XXVI. **Synthesis of some platinum(II) diphosphine complexes of the type [PtX(2)(P-P)] (X(2)=CO₃; X=CH₃COO, CF₃COO, NCO)**
Serindag O.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.27, no.1, pp.69-76, 1997 (SCI-Expanded)
- XXVII. **2-[5-(DIETHYLAMINOSULFONYL)-2-METHOXY-PHENYLHYDRAZONO]-3-OXO-N-PHENYLBUTYRAMIDE**
FAWCETT J., KEMMITT R., RUSSELL D., SERINDAG O., GUZEL B., SERIN S.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.51, pp.139-141, 1995 (SCI-Expanded)
- XXVIII. **SYNTHESIS OF A CROWN-ETHER FUNCTIONALIZED PHOSPHINE AND ITS NICKEL(II), PALLADIUM(II) AND PLATINUM(II) COMPLEXES**
SERINDAG O.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.25, no.2, pp.327-335, 1995 (SCI-Expanded)
- XXIX. **SYNTHESIS OF N-(SUBSTITUTED)ARYLAMINO GLYOXIMATO NICKEL(II) COMPLEXES**
SERIN S., OKSAL B., SERINDAG O.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.22, pp.195-200, 1992 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **STRUCTURAL AND MAGNETIC PROPERTIES OF CO-DOPED NaCa₄(BO₃)₃:Eu²⁺;Dy³⁺ LUMINESCENCE MATERIALS**
ÖZÇELİK B., KANTARCI GÜLER N., IŞIK S., EKİCİBİL A., SERİNDAG Ö.
International Congress on Superconductivity and Magnetism (ICSM2016), Muğla, Turkey, 24 - 30 April 2016, pp.718, (Summary Text)
- II. **Reaktif Grubu Yeni Bir Boyarmadde Sentezi,**
HALEFOĞLU Y. Z., SERİNDAG Ö., karadeniz h.
I. Ulusal Çukurova Tekstil Kongresi, Adana, Turkey, 6 - 08 October 1999, pp.1, (Full Text)

Funded Projects

SERİNDAG Ö., Project Supported by Higher Education Institutions, Lantanit Katkılı Borat ve Alüminaborat Nano Taneciklerin Sentezi ve Lüminesans Özellikleri, 2013 - 2014

Metrics

Publication: 31

Citation (WoS): 551

Citation (Scopus): 607

H-Index (WoS): 10

H-Index (Scopus): 10