

# Prof. NEVİN KARABÖCEK

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Karadeniz Technical University, -, Kimya, Turkey 1996 - 2002

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Kimya, Turkey 1992 - 1994

Undergraduate, Karadeniz Technical University, Karadeniz Teknik Üniversitesi, Kimya, Turkey 1984 - 1988

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2011 - Continues

## Advising Theses

KARABÖCEK N., Yeni Oksim ve Schiff Bazı Komplekslerinin İncelenmesi, Postgraduate, B.Ergen(Student), Continues

KARABÖCEK N., Yeni bir Schiff Bazı Sentezi ve karakterizasyonu, Postgraduate, G.Genç(Student), Continues

KARABÖCEK N., Altı Dişli Yeni Schiff Bazları ile Cu(II), Ni(II), Co(II) Komplekslerinin Sentezi ve Karakterizasyonu, Doctorate, P.Ekmekcioğlu(Student), 2015

KARABÖCEK N., Yeni Bir Dioksim ve Cu(II), Ni(II), Co(II) Komplekslerinin İncelenmesi, Postgraduate, M.Armutcu(Student), 2013

KARABÖCEK N., Yeni Bir Schiff Bazı ile Cu(II), Ni(II), Co(II) Komplekslerinin Sentezi Karakterizasyonu, Postgraduate, P.Eski(Student), 2010

KARABÖCEK N., Bazı Oksim ve Schiff Bazları ile Metal Komplekslerinin İncelenmesi, Doctorate, A.Küçükdumlu(Student), 2010

KARABÖCEK N., Yeni Bir Tetraoksim Ligandının Cu(II), Ni(II) Komplekslerinin Sentezi Karakterizasyonu, Postgraduate, P.Ekmekcioğlu(Student), 2008

## **jury memberships**

Associate Professor Exam, Doçentlik Sınav Jürisi, Hacettepe Üniversitesi, September, 2015

Associate Professor Exam, Doçentlik Sınav Jürisi, Hacettepe Üniversitesi, September, 2015

Associate Professor Exam, Doçentlik Sınav Jürisi, Hacettepe Üniversitesi, April, 2015

Associate Professor Exam, doçentlik sınav jürisi, Hacettepe Üniversitesi, April, 2015

Associate Professor Exam, Doçentlik Sınav Jürisi,, Hacettepe Üniversitesi, April, 2015

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

- I. **Synthesis, structural and biochemical activity studies of a new hexadentate Schiff base ligand and its Cu(II), Ni(II), and Co(II) complexes**  
EKMEKÇIOĞLU P., KARABÖCEK N., KARABÖCEK S., EMİRİK M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1099, pp.189-196, 2015 (SCI-Expanded)
- II. **Synthesis and Biochemical Activity Studies of 2,2'-[propane-1,3-diylbis(oxy)]-2,2' bis-[(benzylideneamino)benzenethiol] Ligand and Its Mononuclear Copper(II), Nickel(II), and Cobalt(II) Complexes**  
KARABÖCEK N., EKMEKÇIOĞLU P., MUHSİR S., KARABÖCEK S.  
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.43, no.6, pp.768-772, 2013 (SCI-Expanded)
- III. **Synthesis, Structural and Biochemical Activity Studies of Symmetrical and Unsymmetrical Pyrroles and their Mononuclear Cu(II), Ni(II) and Co(II) Complexes**  
SENSES E., KARABÖCEK S., KARABÖCEK N., EKMEKÇIOĞLU P.  
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.9, pp.3797-3801, 2012 (SCI-Expanded)
- IV. **Synthesis, Characterization and Biochemical Activity of Dinuclear Cu(II)/Ni(II)/Co(II) and Tetranuclear Cu(II) Complexes of Schiff Base**  
KARABÖCEK N., ESKİ P., BASKAN O., KARABÖCEK S.  
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.1, pp.387-390, 2012 (SCI-Expanded)
- V. **Synthesis of (2E,3E,10E,12E)-3,11-dimethyl-5,9-dioxa-4,10-diazatrideca-3,10-diene-2,12-dione dioxime and its Cu(II), Ni(II), and Co(II) complexes**  
KARABÖCEK S., BAYRAKTAR U., KARABÖCEK N., Sahin Z. S., Isik S., MUHSİR S.  
JOURNAL OF COORDINATION CHEMISTRY, vol.65, no.7, pp.1118-1129, 2012 (SCI-Expanded)
- VI. **Synthesis, Structural and Biochemical Activity of Pyridine Substituted Pyrrole Ligands and Their Mononuclear Cu(II), Ni(II) and Co(II) Complexes**  
KARABÖCEK S., SENSES E., KARABÖCEK N., Karaoglu S. A.  
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.1, pp.188-192, 2012 (SCI-Expanded)
- VII. **Synthesis and Structural and Biochemical Activity Studies of Dioxime Ligand and its Mononuclear Cu(II), Ni(II), and Co(II) Complexes**  
KARABÖCEK N., ARMUTCU M., KARABÖCEK S., Tanak H., Isik S., BASKAN O.  
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.41, no.10, pp.1249-1256, 2011 (SCI-Expanded)
- VIII. **Synthesis and Structural Studies of Hydrazone Dioxime Ligand and Its Cu(II) and Ni(II) Complexes**  
KARABÖCEK N., KUCUKDURLU A., SENSES E., KARABÖCEK S., Ozcimder R.  
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.41, no.9, pp.1095-1101, 2011 (SCI-Expanded)
- IX. **Synthesis and Characterization of Tetraoxime Ligand, Bis-[(2E,3E,2'E)-3,3'-(1,2-Phenylene-Dinitrilo)dibutan-2-One Dioxime] and Its Dinuclear and Tetranuclear Copper(II)/Nickel(II) Complexes**  
Karaboecek N., Ekmekcioglu P., Kuecuedumlu A., Karaboecek S.  
TURKISH JOURNAL OF CHEMISTRY, vol.33, no.1, pp.99-106, 2009 (SCI-Expanded)
- X. **Synthesis and Structural Studies of 2,2'-[(2E,5E)-hexane-2,5-diylidenedi-nitrilo]-dibenzenethiol and 2-Hydroxybenzaldehyde (2E,5E)-hexane-2,5-diylidenehydrazone ligands and their Mononuclear**

## **Cu(II) and Ni(II) Complexes**

KARABÖCEK N., KUCUKDURLU A., EKMEKÇIOĞLU P., KARABÖCEK S.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.46, no.10, pp.1007-1014, 2009 (SCI-Expanded)

- XI. **Synthesis and structural studies of (2E,3E,6R,9E,11E)-6-isopropenyl-3,6,10-trimethyl-5,8-dioxo-4,9-diazadodeca-3,9-diene-2,11-dione dioxime, ligand and its Mono-, homo, and heterodinuclear copper(II)/nickel(II) complexes**  
KUCUKDURLU A., Karabocek N., Karabocek S.  
TRANSITION METAL CHEMISTRY, vol.32, no.8, pp.1096-1100, 2007 (SCI-Expanded)
- XII. **Mono-, Di- and Trinuclear Copper(II) Complexes of a Schiff Base Ligand, 2-[(E)-[(6-[(1E)-(2-hydroxyphenyl)methylene]amino}pyridin-2-yl)imino]-methyl]phenol**  
Karabocek N., KARABOECER S., KORMALI F.  
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.3, pp.271-277, 2007 (SCI-Expanded)
- XIII. **Synthesis and structural studies of (2E,3E)-3-[(6-[(1E,2E)-2-(hydroxyimino)-1-methylpropylidene]amino}pyridin-2-yl)imino]butan-2-one oxime, ligand and its mono-, di- and trinuclear copper(II) complexes**  
Karabocek N., ARMUTCU A., Karabocek S.  
TRANSITION METAL CHEMISTRY, vol.31, no.7, pp.938-942, 2006 (SCI-Expanded)
- XIV. **Synthesis and structural studies of 2-(hydroxyimino)-1-methylpropylideneamino-phenyliminobutan-2-one oxime, ligand and its complexes with Cu-(II) and Ni-(II)**  
Karabocek S., Karabocek N., Armutcu A.  
TRANSITION METAL CHEMISTRY, vol.31, no.4, pp.459-464, 2006 (SCI-Expanded)
- XV. **Synthesis and structural studies of tetraaldehyde phenylhydrazone and its complex with copper(II)**  
Karabocek N.  
TRANSITION METAL CHEMISTRY, vol.31, no.1, pp.118-122, 2006 (SCI-Expanded)
- XVI. **Synthesis and characterization of Cu(II) complexes of two ligands derived from malonyl dichloride**  
Karabocek N., Karabocek S., Mazlum H., Degirmencioglu I., Serbest K.  
TURKISH JOURNAL OF CHEMISTRY, vol.28, no.1, pp.87-94, 2004 (SCI-Expanded)
- XVII. **Copper(II)-nickel(II) complexes of novel 1,9-dioxo-3,6-dithiacyclotridecane-10,12-dione and 1,4-dioxo-7,10-dithiacyclododecane-2,3-dione ligands**  
Karabocek S., DEGIRMENÇIOĞLU İ., Karabocek N., Serbest K.  
TRANSITION METAL CHEMISTRY, vol.28, no.5, pp.529-533, 2003 (SCI-Expanded)
- XVIII. **The effect of intramolecular-hydrogen bonds in the synthesis of novel imidates from a 13-membered dioxadithia crown ether diester**  
Karabocek S., Serbest K., DEGIRMENÇIOĞLU İ., Karabocek N., ER M.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.40, no.4, pp.639-643, 2003 (SCI-Expanded)
- XIX. **Synthesis and characterization of new phthalocyanines peripherally fused to four 21-membered dithiacrown ether macrocycles**  
DEGIRMENÇIOĞLU İ., Karabocek S., Karabocek N., ER M., Serbest K.  
MONATSHEFTE FÜR CHEMIE, vol.134, no.6, pp.875-881, 2003 (SCI-Expanded)
- XX. **Di- and tetranuclear copper(II) complexes of a novel binucleating tetrathioether-tetrathiol ligand**  
Karabocek S., SENGUL H., Karabocek N.  
TRANSITION METAL CHEMISTRY, vol.24, no.1, pp.121-123, 1999 (SCI-Expanded)
- XXI. **Polymeric copper(II) and nickel(II) complexes of a tetraoxime containing a binucleating macrocycle ligand**  
Karabocek N., Karabocek S.  
TRANSITION METAL CHEMISTRY, vol.24, no.1, pp.84-87, 1999 (SCI-Expanded)
- XXII. **Models for copper proteins. Copper(I) and (II) complexes of a novel binucleating tetraamino-tetrathioether ligand**  
Karabocek S., GÜNER S., Karabocek N.  
TRANSITION METAL CHEMISTRY, vol.23, no.2, pp.159-163, 1998 (SCI-Expanded)

- XXIII. **A new binucleating macrocycle incorporating exocyclic oxime groups and its polynuclear complexes**  
Karabocek S., Karabocek N.  
TRANSITION METAL CHEMISTRY, vol.23, no.1, pp.29-32, 1998 (SCI-Expanded)
- XXIV. **The synthesis and characterization of copper(II) complexes of a novel binucleating tetraoxime ligand**  
Karabocek S., Karabocek N.  
POLYHEDRON, vol.17, pp.319-324, 1998 (SCI-Expanded)
- XXV. **Models for copper-proteins: Structure and properties of dimeric copper(I) and (II) complexes of a tetraamino-tetrathioether ligand**  
Karabocek S., GUNER S., Karabocek N.  
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.66, no.1, pp.57-61, 1997 (SCI-Expanded)
- XXVI. **Mono- and dinuclear copper(II) complexes of a Schiff base ligand, 4',5'-bis(salicylideneimino)benzo-15-crown-5**  
Karabocek S., Karabocek N.  
POLYHEDRON, vol.16, no.11, pp.1771-1774, 1997 (SCI-Expanded)
- XXVII. **Determination of nickel, cobalt, and copper using some macrocyclic vic-dioximes with potentiometric titration**  
TUFEKCI M., Karabocek S., GOK Y., Karabocek N.  
ANALYTICAL LETTERS, vol.29, no.12, pp.2227-2237, 1996 (SCI-Expanded)
- XXVIII. **The synthesis and characterization of novel (E,E)-dioximes and their mono- and heteronuclear complexes**  
GOK Y., Karabocek S., Karabocek N., ATALAY Y.  
NEW JOURNAL OF CHEMISTRY, vol.19, no.12, pp.1275-1283, 1995 (SCI-Expanded)

## Books & Book Chapters

- I. **Ninth Edition Chemistry Dokuzuncu Baskıdan Çeviri KİMYA**  
KARABÖCEK N.  
Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti., Ankara, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Yeni Bir Schiff Bazının Dinükleer Cu(II), Ni(II), Co(II) Metal Komplekslerinin Sentezi**  
EKMEKÇIOĞLU P., KARABÖCEK N.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, vol.A-SE, no.82, pp.389
- II. **2,2'-[propan-1,3-Diilbis(tiyo)bis{N-[[1Z]-Salisiliden]Anilin}]Schiff Bazı Ligandının Mononükleer Cu(II), Ni(II) ve Co(II) Metal Komplekslerinin Sentezi**  
EKMEKÇIOĞLU P., KARABÖCEK N.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, vol.A-SE, no.83, pp.390
- III. **Yeni Bir Schiff Bazının Dinükleer Cu II Ni II Co II Metal Komplekslerinin Sentezi ss 389 389**  
Ekmekcioğlu P., KARABÖCEK N.  
27. Ulusal Kimya Kongresi, ÇANAKKALE, TÜRKİYE, Çanakkale, Turkey, 23 - 28 August 2015, pp.389
- IV. **1,2'-fenoksibenzil-bis[(benziliden)aminoetanol] Schiff Bazının Cu(II) ve Ni(II) Komplekslerinin Sentezi, Karakterizasyonu, Biyolojik Aktivitelerinin İncelenmesi**  
Erdoğdu T., Tunç T., Genç G., Akkol Ç., KARABOECER S., KARABÖCEK N., Karacan N.  
V. Anorganik Kimya Kongresi, Mersin, Mersin, Turkey, 22 - 25 April 2015, vol.P, no.368, pp.450
- V. **Ekmekcioğlu P Akkol Ç Kazancı U Karaböcek N Schiff Bazı Sentezi Yapısı ve Biyokimyasal Aktivitelerinin İncelenmesi**  
Ekmekcioğlu P., Akkol Ç., Kazancı U., KARABÖCEK N.

V. Ulusal Anorganik Kimya Kongresi, 22-25 Nisan 2015 / Mersin Üniversitesi, Mersin, Turkey, 22 - 25 April 2015, pp.415

VI. **Schiff Bazı Sentezi ve Biyokimyasal Özelliklerinin İncelenmesi**

EKMEKCIOGLU P., Genç G., Kazancı U., KARABÖCEK N.

V. Ulusal Anorganik Kimya Kongresi, 22-25 Nisan 2015 / Mersin Üniversitesi, Mersin, Turkey, 22 - 25 April 2015, vol.P, no.333, pp.414

VII. **Schiff Bazı Sentezi, Yapısı ve Biyokimyasal Aktivitelerinin İncelenmesi**

EKMEKCIOGLU P., Akkol Ç., Kazancı U., KARABÖCEK N.

V. Ulusal Anorganik Kimya Kongresi, 22-25 Nisan 2015 / Mersin Üniversitesi, Mersin, Turkey, 22 - 25 April 2015, vol.P, no.334, pp.415

## Scientific Refereeing

Journal of Molecular Structure, SCI Journal, October 2015

Journal of Molecular Structure, SCI Journal, August 2015

Arabian Journal of Chemistry, SCI Journal, March 2015

## Metrics

Publication: 36

Citation (WoS): 244

Citation (Scopus): 197

H-Index (WoS): 9

H-Index (Scopus): 8

## Congress and Symposium Activities

27. Ulusal Kimya Kongresi, Attendee, Çanakkale, Turkey, 2015

27. Ulusal Kimya Kongresi, Attendee, Turkey, 2015

V.Ulusal Anorganik Kimya Kongresi, Attendee, Mersin, Turkey, 2015

V.Ulusal Anorganik Kimya Kongresi, Attendee, Mersin, Turkey, 2015