

## Prof. Hasan Kocaokutgen

### Personal Information

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### Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1990 - 1995

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1986 - 1989

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Turkey 1982 - 1986

### Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - 2017

### Courses

Organik Kimya Lab, Undergraduate, 2013 - 2014

Organik Kimya, Undergraduate, 2013 - 2014

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

- I. **Synthesis, spectral characterization and biological activities of o, o'-dihydroxyazo compounds containing gallic acid: Molecular docking and dynamics simulation and MM-PBSA studies**  
Demir E., Kocaokutgen H., Yenigun S., Özen T.  
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.101, no.11, 2024 (SCI-Expanded)
- II. **Synthesis, Spectroscopic and Thermal Analysis and Investigation of Dyeing Properties of o-Hydroxy Schiff Bases and Their Metal Complexes**  
ÖZKINALI S., YAVUZ Ş., Tosun T., Ali Kose D., GÜR M., Kocaokutgen H.  
CHEMISTRYSELECT, vol.5, no.40, pp.12624-12634, 2020 (SCI-Expanded)
- III. **Effects of Feeding Honey Bees (Hymenoptera: Apidae) With Industrial Sugars Produced by Plants Using Different Photosynthetic Cycles (Carbon C-3 and C-4) on the Colony Wintering Ability, Lifespan, and Forage Behavior**  
Guler A., EKİNCİ D., Bıyık S., Garipoğlu A. V., Önder H., Kocaokutgen H.  
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.111, no.5, pp.2003-2010, 2018 (SCI-Expanded)
- IV. **Comparing Biochemical Properties of Pure and Adulterated Honeys Produced By Feeding Honeybees (Apis mellifera L.) Colonies with Different Levels of Industrial Commercial Sugars([1])**  
Guler A., Garipoğlu A. V., Önder H., Bıyık S., Kocaokutgen H., EKİNCİ D.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.23, no.2, pp.259-268, 2017 (SCI-Expanded)
- V. **Origin Estimation of Honey Samples by Using Constant and Discriminative Function Coefficients of Pure Honey and Honey Produced by Colonies Feeding with Different Sugars**  
Önder H., Guler A., Bıyık S., EKİNCİ D., Garipoğlu A. V., Kocaokutgen H.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.22, no.1, pp.21-28, 2016 (SCI-Expanded)

- VI. **Detection of adulterated honey produced by honeybee (*Apis mellifera* L.) colonies fed with different levels of commercial industrial sugar (C-3 and C-4 plants) syrups by the carbon isotope ratio analysis**  
Guler A., Kocaokutgen H., Garipoğlu A. V., Önder H., EKİNCİ D., Bıyık S.  
FOOD CHEMISTRY, vol.155, pp.155-160, 2014 (SCI-Expanded)
- VII. **Synthesis, spectral characterisation and thermal behaviours of some new p-tert-butylcalix[4]arene and calix[4]arene-esters containing acryloyl groups**  
ÖZKINALI S., Kocaokutgen H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1031, pp.70-78, 2013 (SCI-Expanded)
- VIII. **25,27-bis(acryloyloxy)-5,11,17,23-tetra-tert-butyl-26,28-dihydroxycalix[4]arene**  
Oezkinali S., Ucar I., Kocaokutgen H., Bulut A.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- IX. **(E)-4-(4-Bromophenyldiazenyl)-2,6-dimethylphenyl acrylate and (E)-2,6-dimethyl-4-(4-methylphenyl-diazenyl)phenyl acrylate**  
Kocaokutgen H., Ucar I., Gur M., Ozkinali S., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- X. **(E)-4-(4-Ethylphenyldiazenyl)-2,6-dimethylphenyl acrylate**  
Ucar I., Kocaokutgen H., Ozkinali S., Gur M., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- XI. **Synthesis and spectral characterization of some new azo dyes and their metal complexes**  
Kilincarslan R., Erdem E., Kocaokutgen H.  
TRANSITION METAL CHEMISTRY, vol.32, no.1, pp.102-106, 2007 (SCI-Expanded)
- XII. **Synthesis, spectral, and thermal characterisations of some azo-ester derivatives containing a 4-acryloyloxy group**  
Gur M., Kocaokutgen H., Taş M.  
DYES AND PIGMENTS, vol.72, no.1, pp.101-108, 2007 (SCI-Expanded)
- XIII. **Solvent extraction of Fe<sup>3+</sup> cation by diazo-coupling calix[4]arenes**  
Deligöz H., Erdem E., Kocaokutgen H.  
Turkish Journal of Chemistry, vol.24, no.2, pp.157-163, 2000 (SCI-Expanded)
- XIV. **Thermal behaviour of some azo dyes containing sterically hindered and water-soluble groups**  
Kocaokutgen H., HEREN Z.  
Turkish Journal of Chemistry, vol.22, no.4, pp.403-408, 1998 (SCI-Expanded)
- XV. **3-terf-butyl-2'-chloro-2-hydroxy-5-methyl-azobenzene**  
Işık Ş., AYGÜN M., Kocaokutgen H., Tahir M. N.  
Acta Crystallographica Section C: Crystal Structure Communications, vol.54, no.8, pp.1145-1146, 1998 (SCI-Expanded)
- XVI. **Synthesis of HMFAN and its chromium and cobalt complexes and their application on nylon 6 and wool**  
Kocaokutgen H., Erdem E., Gümrükçüoğlu I.  
Journal of the Society of Dyers and Colourists, vol.114, no.3, pp.93-95, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Synthesis Spectral and Thermal Characterization of Some Azo Polymers Containing Acrylate Derivatives**  
GÜR M., KOCAOKUTGEN H., KANDEMİRLİ F., ÖZKINALI S., YERLİKAYA Z.  
Research Reviews: Journal of Chemistry, 2016 (Peer-Reviewed Journal)
- II. **A Detailed Theoretical UV Study of Some Azo Acrylate Compounds Density Functional Study**  
Çavuş M., GÜR M., Vurdu C., KOCAOKUTGEN H., KANDEMİRLİ F.  
Research Reviews: Journal of Chemistry, 2016 (Peer-Reviewed Journal)

- III. **Antimicrobial Activities Absorption Characteristic and Tautomeric Structures of o o Hydroxyazo Dyes Containing an Acryloyloxy Group and their Chromium Complexes**  
ALP AVCI G., ÖZKINALI S., ÖZLÜK A., AVCI E., KOCAOKUTGEN H.  
Haceteppe J Bio Chem, vol.40, no.2, pp.119-126, 2012 (Peer-Reviewed Journal)
- IV. **Preparation and characterazation of chromophor group containing cyclotriphosphazenes: II azo chromophor carrying some cyclotriphosphazenes**  
Odabaşoğlu M., Turgut G., Kocaokutgen H.  
Phosphorus, Sulfur and Silicon and Related Elements, vol.152, pp.27-34, 1999 (Scopus)
- V. **The Synthesis of Some Azo Dyes Containing Sterically Hindered Groups and Application of them on Nylon 6**  
KOCAOKUTGEN H.  
Bulletin of Pure and Applied Sciences, vol.21, no.2, pp.145-152, 1996 (Peer-Reviewed Journal)
- VI. **An investigation of 13C-NMR spectra of some intramolecular hydrogen bonded and non-bonded azo dyes**  
Kocaokutgen H., Gümrükçüoğlu I. E.  
Spectroscopy Letters, vol.29, no.1, pp.185-192, 1996 (Scopus)
- VII. **Polarographic and Voltammetric Behaviour of 2-Hydroxy-3-Tert-Butyl-5-Methylazobenzene**  
Menek N., Çakir O., Kocaokutgen H.  
Mikrochimica Acta, vol.122, no.3-4, pp.203-207, 1996 (Scopus)

## Books & Book Chapters

- I. **BOYARMADDE KİMYASI**  
KOCAOKUTGEN H.  
Kendisi, Samsun, 2017
- II. **Organik Kimya**  
KOCAOKUTGEN H.  
KOCAOKUTGEN HASAN, Samsun, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **The synthesis, spectroscopic, dyeing and fastness properties of the some new o-hydroxyazo and o,o'-dihydroxyazo compounds containing thymol and eugenol groups**  
KOCAOKUTGEN H., MUSAYEVA N.  
4th International Türk-Pak Conference on Chemical Sciences (ITPCCS 2017), 26 - 28 October 2017
- II. **The importance and effects of Industrial sugars on honeybee (Apis mellifera, Hymenoptera: Apidae) colony feeding**  
GÜLER A., EKİNCİ D., BIYIK S., GARİPOĞLU A. V., ÖNDER H., KOCAOKUTGEN H.  
45. Apimondia International Apicultural Congress, İstanbul, Turkey, 29 September - 04 October 2017, vol.1, pp.39
- III. **Origin Estimation of Unknown Honey Samples by Using Constant and Discriminative Function Coefficients of pure and Adulterated Honeys Produced by Bee Apis melliferaL Colonies Fed with Different Syrup Levels of Commercial Sugars**  
GÜLER A., ÖNDER H., BIYIK S., EKİNCİ D., GARİPOĞLU A. V., KOCAOKUTGEN H.  
5th International Muğla Beekeeping and Pine Honey Congress, 1 - 05 November 2016
- IV. **The Effects Various Industrial Sugar Syrups Feeding on The Honey Bee Apis mellifera Hymenoptera Apidae Colony Performances Forage Behaviour and Lifespan**  
GÜLER A., EKİNCİ D., BIYIK S., GARİPOĞLU A. V., ÖNDER H., KOCAOKUTGEN H.  
5th International Muğla Beekeeping and Pine Honey Congress, 1 - 05 November 2016
- V. **Proline And Vitamin Content of Pure and Adultrated Honeys Obtained Via Feeding Honeybee Apis**

**mellifera L Colonies With Industrial Sugar Syrups**

GÜLER A., KOCAOKUTGEN H., GARİPOĞLU A. V., ÖNDER H., EKİNCİ D., BIYIK S.

12 th Asian Apicultural Association Conference, 24 - 27 April 2014

**VI. Comparing Honeys Produced From Bee Colonies Fed With Different Levels Of Industrial Sugar Syrups According To The Isotope Ratios <sup>13</sup>C <sup>12</sup>c**

GÜLER A., KOCAOKUTGEN H., GARİPOĞLU A. V., ÖNDER H., EKİNCİ D., BIYIK S.

XXXIII International Apicultural Congress, 29 September - 04 October 2013

## **Supported Projects**

Kocaokutgen H., Project Supported by Higher Education Institutions, Yeni Bazı o-hidroksiazol ve o, o'-dihidroksiazol boyarmaddelerinin elde edilmesi, spektroskopik, renklendirme ve haslık özelliklerinin incelenmesi, 2017 - 2018

Kocaokutgen H., Project Supported by Higher Education Institutions, Synthesis, spectral characterisation and thermal behaviours of some new p-tert-butylcalix[4]arene and calix[4]arene-esters containing acryloyl groups, 2015 - 2016