

Asst. Prof. SELÇUK ALTUN

Personal Information

Email: selcukaltun@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/selcukaltun>

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Organik Kimya (Dr), Turkey 2005 - 2011

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Kimya (YI) (Tezli), Turkey 1997 - 2000

Undergraduate, Marmara University, Atatürk Faculty of Education, Mathematics and Science Education, Turkey 1992 - 1997

Dissertations

Doctorate, Bazı lakton halkalı ftalosiyenin bileşiklerinin sentezi ve karakterizasyonu, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Organik Kimya (Dr), 2011

Postgraduate, Bazı kumarin türevlerinin iyonizasyon sabitlerinin (pKa) tayini, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Kimya (YI) (Tezli), 2000

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2016 - Continues

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2011 - 2016

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2005 - 2011

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2000 - 2004

Research Assistant, Marmara University, Atatürk Faculty of Education, Mathematics and Science Education, 1997 - 2000

Academic and Administrative Experience

Marmara University, Faculty of Arts and Sciences, Chemistry, 2013 - Continues

Advising Theses

ALTUN S., 5,6,7,8-tetrahidro-2-naftoksi grupları içeren alfa ve beta sübtitüe metalli ve metallsiz ftalosiyenin bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, G.EREN(Student), 2016

ALTUN S., Periferel ve non periferel pozisyonda oksijen köprüsü ile halkaya bağlı trimetilbenzen sübtitüentleri içeren ftalosiyenin bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, M.ÇETİNKAYA(Student), 2015

ALTUN S., Propiyo fenoksi türevi ftalosiyenin bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, R.AĞCAABAT(Student), 2015

ALTUN S., Azo veya oksi grubu ile halkaya bağlı (Trimetil)fenil sübtitüentleri içeren ftalosiyenin bileşiklerinin sentezi ve

karakterizasyonu, Postgraduate, E.GÜREL(Student), 2014

ALTUN S., Konjuge süstitüent içeren ftalosiyanın bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, M.MERVE(Student), 2014

ALTUN S., Azo veya oksijen köprüsü ile halkaya bağlı dimetoksibenzen süstitüentleri içeren ftalosiyanın bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, S.SAHİN(Student), 2014

ALTUN S., Bazı alfa ve beta süstitüent ftalosiyanın bileşiklerinin sentezi ve karakterizasyonu, Postgraduate, K.FETHİ(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Do the positions of trimethyl groups on phthalocyanine photosensitizers improve their photochemical and photophysical properties?**
Cetinkaya M., PİŞKİN M., ALTUN S., ODABAŞ Z., DURMUŞ M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.335, pp.17-25, 2017 (SCI-Expanded)
- II. **First investigation on the photophysical and photochemical properties of azo-bridged phthalocyanine photosensitizers**
Sahin S., PİŞKİN M., ALTUN S., DURMUŞ M., ODABAŞ Z.
JOURNAL OF LUMINESCENCE, vol.180, pp.219-223, 2016 (SCI-Expanded)
- III. **Synthesis of selected 3-and 4-arylcoumarin derivatives and evaluation as potent antioxidants**
DANIŞ Ö., DEMİR S., Gunduz C., ALPARSLAN M. M., ALTUN S., Yuce-Dursun B.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.6, pp.6061-6077, 2016 (SCI-Expanded)
- IV. **Synthesis, characterization, photophysical, and photochemical properties of novel zinc(II) and indium(III) phthalocyanines containing 2-phenylphenoxy units**
Ali H. E. A., Piskin M., ALTUN S., DURMUŞ M., ODABAŞ Z.
JOURNAL OF LUMINESCENCE, vol.173, pp.113-119, 2016 (SCI-Expanded)
- V. **The novel mesityloxy substituted metallo-phthalocyanine dyes with long fluorescence lifetimes and high singlet oxygen quantum yields**
Gurel E., PİŞKİN M., ALTUN S., ODABAŞ Z., Durmus M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.315, pp.42-51, 2016 (SCI-Expanded)
- VI. **Highly efficient dye-sensitized solar cells based on metal-free and copper(II) phthalocyanine bearing 2-phenylphenoxy moiety**
Ali H. E. A., ALTINDAL A., ALTUN S., ODABAŞ Z.
DYES AND PIGMENTS, vol.124, pp.180-187, 2016 (SCI-Expanded)
- VII. **The effects of substituent position on kinetics of benzene vapour adsorption onto 3-phenylphenoxy substituted metal-free and metallo-phthalocyanines thin films**
Ali H. E. A., CAN N., ALTUN S., ODABAŞ Z.
DALTON TRANSACTIONS, vol.45, no.42, pp.16922-16930, 2016 (SCI-Expanded)
- VIII. **Synthesis, characterization and investigation of the photophysical and photochemical properties of highly soluble novel metal-free, zinc((II)), and indium((III)) phthalocyanines substituted with 2,3,6-trimethylphenoxy moieties**
Gurel E., PİŞKİN M., ALTUN S., ODABAŞ Z., DURMUŞ M.
DALTON TRANSACTIONS, vol.44, no.13, pp.6202-6211, 2015 (SCI-Expanded)
- IX. **Gas sensing and electrochemical properties of tetra and octa 2H-chromen-2-one substituted iron(II) phthalocyanines**
Altun S., Orman E. B., Odabaş Z., Altındal A., Özkaya A. R.
DALTON TRANSACTIONS, vol.44, pp.4341-4354, 2015 (SCI-Expanded)
- X. **Synthesis of novel azo-bridged phthalocyanines and their toluene vapour sensing properties**
Sahin S., ALTUN S., ALTINDAL A., ODABAŞ Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.206, pp.601-608, 2015 (SCI-Expanded)
- XI. **Electrochemical, Electrocatalytic Dioxygen Reducing and Dielectric Relaxation Properties of Non-**

Peripheral Tetra-2,3-dihydro-1H-inden-5-yloxy Substituted Phthalocyanines

Orman E. B., Altun S., Odabaş Z., Altındal A., Özkaya A. R.

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.162, 2015 (SCI-Expanded)

- XII. **Dielectric properties and electronic absorption: a comparison of novel azo- and oxo-bridged phthalocyanines**
Yuzuak M. M., ALTUN S., ALTINDAL A., ODABAŞ Z.
DALTON TRANSACTIONS, vol.44, no.3, pp.1397-1405, 2015 (SCI-Expanded)
- XIII. **Coumarin-substituted manganese phthalocyanines: synthesis, characterization, photovoltaic behaviour, spectral and electrochemical properties**
ALTUN S., ODABAŞ Z., ALTINDAL A., ÖZKAYA A. R.
DALTON TRANSACTIONS, vol.43, no.21, pp.7987-7997, 2014 (SCI-Expanded)
- XIV. **Synthesis, characterization and dielectric properties of novel axial coumarin-substituted titanium(IV) phthalocyanines**
ALTUN S., ALTINDAL A., Bulut M.
POLYHEDRON, vol.49, no.1, pp.41-49, 2013 (SCI-Expanded)
- XV. **Peripheral octa-substituted metal-free, cobalt(II) and zinc(II) phthalocyanines bearing coumarin and chloro groups: Synthesis, characterization, spectral and electrochemical properties**
ALTUN S., ÖZKAYA A. R., Bulut M.
POLYHEDRON, vol.48, no.1, pp.31-42, 2012 (SCI-Expanded)
- XVI. **Synthesis, characterization, electrochemical and CO₂ sensing properties of novel mono and ball-type phthalocyanines with four phenolphthalein units**
ALTUN S., Altındal A., ÖZKAYA A. R., Bulut M., Bekaroglu O.
TETRAHEDRON LETTERS, vol.49, pp.4483-4486, 2008 (SCI-Expanded)

Books & Book Chapters

- I. **Organik Kimya Video Çözümlü Soru Bankası Web Tabanlı e kitap**
ODABAŞ Z., ÇÖMEK A., ALTUN S.
Boğaziçi Yayınları, İstanbul, 2016
- II. **Organik Kimya Video Çözümlü Soru Bankası**
ODABAŞ Z., ALTUN S., ÇÖMEK A.
Boğaziçi Yayınları, İstanbul, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **5 6 7 8 TETRAHİDRO 2 NAFTOKSİ GRUPLARI İÇEREN ALFA VE BETASÜBSTİTÜE METALLİ VE METALSİZ FTALOSİYANİN BİLEŞİKLERİNİNSENTEZİ VE KARAKTERİZASYONLARI**
Eren G., ODABAŞ Z., ALTUN S.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016
- II. **Biological Activities of Flowers and Peels Oils of Citrus aurantium L Growing in Turkey**
Gürel Feridun S., ALTUN S., OGAN A., SALAN Ü.
1st International Turkic World Conference on Chemical Science and Technologies, 27 October - 01 November 2015
- III. **CİTRUS AURANTİFOLİA NİNÇİÇEK VE MEYVE KABUĞUNDAKİ KİMYASAL BİLEŞENLERİNİN GC FID VE GC MS SPEKTROSKOPİLERİYLE AYDINLATILMASI VE LİPAZ ENZİMİ İNHİBİSYONLARININ ÖLÇÜLMESİ**
GÜRELİ FERİDUN F. S., ALTUN S., SALAN Ü., OGAN A.
KONGRE, Antalya, Turkey, 6 - 08 February 2015
- IV. **Bazı Kumarin Bileşiklerinin GörünürAsit Dissosiasyon Sabitleri psKa nin Spektrofotometrik Yöntemle Tayini**
ALTUN S., KILIÇ H., Cihan G., Berkem M. L.

Metrics

Publication: 22

Citation (WoS): 263

Citation (Scopus): 219

H-Index (WoS): 11

H-Index (Scopus): 9