Prof. HALUK DİNÇALP

Personal Information

Office Phone: +90 236 241 2158 Extension: 2158
Email: haluk.dincalp@cbu.edu.tr
Web: https://avesis.mcbu.edu.tr/haluk.dincalp
Address: haluk.dincalp@cbu.edu.tr

International Researcher IDs
ScholarID: rZ_cresAAAAJ
ORCID: 0000-0002-1726-4067
Publons / Web Of Science ResearcherID: CMN-3263-2022
ScopusID: 12242899200
Yoksis Researcher ID: 108916

Education

Doctorate, Ege University, Turkey 1998 - 2003
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey 1994 - 1998
Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Turkey 1990 - 1994

Foreign Languages

English

Dissertations

Postgraduate, The synthesis and spectroscopic studies on some new sugar derivatives, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 1998
Doctorate, Solar photooxidation reactions, Ege University, 1950

Research Areas

Avesis Research Areas: Chemistry of Dyes and Pigments, Spectroscopy, Electrochemistry, Emission Spectroscopy, Photochemistry of Organics
WoS Research Areas: Chemistry Organic
Scopus Research Areas: Organic Chemistry

Academic Positions

Professor, 2015 - Present
Associate Professor, 2008 - 2015
Assistant Professor, 2007 - 2008
Lecturer, 2005 - 2007

Research Assistant, 2003 - 2005
Research Assistant, Ege University, 1999 - 2003
Research Assistant, 1995 - 1999

Academic and Administrative Experience

2017 - 2020
2008 - 2011

Courses

Undergraduate
Sosyal Sorumluluk, Undergraduate, 2019-2020, 2018-2019, 2017-2018, 2016-2017
GENERAL CHEMİSTRY (MAKİNA-I.Ö.), Undergraduate, 2019-2020, 2015-2016, 2014-2015
NANOBİLİM VE NANOTEKNOLOJİ (I.Ö.), Undergraduate, 2019-2020, 2013-2014, 2012-2013
GENEL KİMYA I (I.Ö.), Undergraduate, 2019-2020, 2017-2018
Bitirme Projesi 1, Undergraduate, 2019-2020
Organik Kimya 2, Undergraduate, 2019-2020
BİTİRME ÇALIŞMASI (I.Ö.), Undergraduate, 2019-2020, 2018-2019, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007, 2005-2006
Araştırma Projeleri 2, Undergraduate, 2019-2020
GENERAL CHEMİSTRY (MAKİNA-II.Ö.), Undergraduate, 2019-2020, 2015-2016, 2014-2015
Araştırma Projesi I, Undergraduate, 2018-2019
General Chemistry (IÖ), Undergraduate, 2018-2019
General Chemistry (IIÖ), Undergraduate, 2018-2019
ORGANİK KİMYA II (I.Ö.), Undergraduate, 2018-2019, 2016-2017, 2012-2013, 2007-2008
ARAŞTIRMA PROJESİ II (I.Ö.), Undergraduate, 2018-2019, 2016-2017
Genel Kimya I, Undergraduate, 2018-2019
Organik Kimya, Undergraduate, 2018-2019
ORGANİK KİMYADA SPEKTROSKOPİK YÖNTEMLER (I.Ö.), Undergraduate, 2017-2018, 2014-2015
Nanobilim ve Nanoteknoloji, Undergraduate, 2017-2018
Araştırma Projesi II, Undergraduate, 2017-2018
GENERAL CHEMİSTRY (II.Ö.), Undergraduate, 2017-2018
GENERAL CHEMİSTRY (I.Ö.), Undergraduate, 2017-2018
Organic Chemistry, Undergraduate, 2017-2018
Organik Kimyada Spektroskopik Yöntemler, Undergraduate, 2016-2017
GENEL KİMYA II (I.Ö.), Undergraduate, 2016-2017
Araştırma Projesi-I, Undergraduate, 2016-2017
TEMEL BİLGİSAYAR TEKNOLOJİSİ KULLANIMI (I.Ö.), Undergraduate, 2015-2016, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007
ARAŞTIRMA PROJESİ I (I.Ö.), Undergraduate, 2015-2016, 2014-2015, 2013-2014
ORGANİK KİMYA I (I.Ö.), Undergraduate, 2014-2015, 2012-2013, 2007-2008
ARAŞTIRMA PROJESİ I (II.Ö.), Undergraduate, 2014-2015, 2013-2014
İş Sağlığı ve Güvenliği, Undergraduate, 2014-2015
BOYAR MADDELER (I.Ö.), Undergraduate, 2013-2014, 2012-2013, 2006-2007
BİTİRME ÇALIŞMASI (II.Ö.), Undergraduate, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007, 2005-2006
REAKTİF ARA ÜRÜNLER (I.Ö.), Undergraduate, 2013-2014
REAKTİF ARA ÜRÜNLER (II.Ö.), Undergraduate, 2013-2014

GENERAL CHEMISTRY (CIVIL ENG), Undergraduate, 2013-2014
NANOBİLİM VE NANOTEKNOLOJİ (II.Ö.), Undergraduate, 2013-2014, 2012-2013
ORGANİK KİMYA I LAB (II.Ö.), Undergraduate, 2012-2013
ORGANİK KİMYA II LAB (II.Ö.), Undergraduate, 2012-2013
TEMEL BİLGİSAYAR TEKNOLOJİSİ KULLANIMI (II.Ö.), Undergraduate, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007
ORGANİK KİMYA I (II.Ö.), Undergraduate, 2011-2012, 2010-2011
TEMEL BİLGİSAYAR BİLİMLERİ (I.Ö.), Undergraduate, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007, 2005-2006
TEMEL BİLGİSAYAR BİLİMLERİ (II.Ö.), Undergraduate, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007, 2005-2006
ORGANİK KİMYA II (II.Ö.), Undergraduate, 2011-2012, 2010-2011, 2009-2010
ORGANİK REAKSİYON MEKANİZMALARI (II.Ö.), Undergraduate, 2009-2010, 2008-2009, 2006-2007
GENEL KİMYA II (II.Ö.), Undergraduate, 2008-2009
GENEL KİMYA I LABORATUVARI (II.Ö.) (FİZİK), Undergraduate, 2007-2008
BOYAR MADDELER (II.Ö.), Undergraduate, 2006-2007, 2005-2006
ORGANİK KİMYA I LAB. (I.Ö.), Undergraduate, 2005-2006
ORGANİK KİMYA II LAB. (I.Ö.), Undergraduate, 2005-2006
GENEL KİMYA I (II.Ö.) (BİY.), Undergraduate, 2005-2006
KİMYA II (I.Ö.) (BİY.), Undergraduate, 2004-2005

Undergraduate Minor

UZMANLIK ALAN DERSİ (DOKTORA), Undergraduate Minor, 2017-2018, 2016-2017
TEZ DANISMANLIĞI (DOKTORA), Undergraduate Minor, 2017-2018, 2016-2017
HETEROBİLEŞİKLER KİMYASI, Undergraduate Minor, 2016-2017, 2012-2013
Uzmanlık Alan Dersi, Undergraduate Minor, 2016-2017, 2015-2016, 2012-2013, 2011-2012, 2010-2011, 2008-2009, 2007-2008
ORGANİK OPTOELEKTRONİK BİLEŞİKLER, Undergraduate Minor, 2013-2014
ÇOK BASAMAKLI ORGANİK SENTEZLER II, Undergraduate Minor, 2007-2008

Undergraduate Double Major

Tez Danışmanlığı (YL), Undergraduate Double Major, 2019-2020, 2016-2017
Uzmanlık Alan Dersi (YL), Undergraduate Double Major, 2019-2020, 2016-2017
ÇOK BASAMAKLI ORGANİK SENTEZLER I, Undergraduate Double Major, 2019-2020, 2018-2019, 2015-2016, 2014-2015, 2011-2012, 2010-2011, 2009-2010
FOTOKİMYA, Undergraduate Double Major, 2019-2020, 2014-2015, 2013-2014, 2011-2012, 2010-2011, 2009-2010, 2007-2008, 2006-2007
Aromatiklik, Undergraduate Double Major, 2018-2019
13C NMR SPEKTROSKOPİSİ, Undergraduate Double Major, 2018-2019, 2013-2014, 2011-2012, 2010-2011
ORGANİK MOLEKÜLER FOTOKİMYA, Undergraduate Double Major, 2018-2019, 2016-2017, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2007-2008, 2006-2007
Tez Danışmanlığı, Undergraduate Double Major, 2018-2019, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008
BİLİMSEL ARAŞTIRMA YÖNTEMLERİ VE YAYIN ETİĞİ, Undergraduate Double Major, 2017-2018, 2016-2017
SEMİNER, Undergraduate Double Major, 2014-2015, 2011-2012, 2010-2011, 2009-2010, 2007-2008, 2006-2007

Supervised Theses

DİNÇALP H., Organik Boya Modifiye Elektrot Malzemelerin Hazırlanması, Karakterizasyonu ve Süperkapasitör Uygulamaları, Doctorate, H.UÇAK(Student), 2023
DİNÇALP H., Perovskit Güneş Hücreleri İçin Yeni Perilen Diimit Türevi Yapıların Sentezi ve Karakterizasyonu, Postgraduate, A.ALBAYRAK(Student), 2019

DİNÇALP H., Karışım heteroeklem güneş pilleri için modifiye edilmiş bazı doğal-küçük moleküllü boyaların sentezi ve optiksel özelliklerinin incelenmesi, Doctorate, G.MURAT(Student), 2018
DİNÇALP H., Schiff bazı içeren yeni trifenilamin esaslı boyaların sentezi ve optiksel özelliklerinin incelenmesi, Postgraduate, E.ÖZKAN(Student), 2017
DİNÇALP H., Çözünür, yeni diketopirolopirol türevi fotosensörlerin sentezi ve floresans özelliklerinin belirlenmesi, Postgraduate, S.TÜRKÇEN(Student), 2017
DİNÇALP H., Yeni retinal esaslı boyaların sentezi, karakterizasyonu, fotofiziksel ve elektrokimyasal özelliklerinin araştırılması, Postgraduate, E.KIRMACI(Student), 2016
DİNÇALP H., Boya duyarlı güneş hücreleri için tasarlanmış yeni benzimidazol türü boyaların sentezi ve optiksel incelenmesi, Postgraduate, G.MURAT(Student), 2013
DİNÇALP H., Beyaz ışık yayan organik diyot üretimine yönelik geliştirilmiş yeni benzimidazol türevleri sentezi, Postgraduate, O.ÇİMEN(Student), 2012
DİNÇALP H., Organik boya uyarımlı güneş pillerinde kullanılabilecek yeni perilen türevlerinin sentezi ve karakterizasyonu, Postgraduate, Z.AŞKAR(Student), 2009
DİNÇALP H., Singlet O2 oluşturabilecek yüksek fotoaktiviteye sahip perilendiimidlerin sentezi, Postgraduate, Ş.KIZILOK(Student), 2008

Articles

I. **Improved Mechanical and Physical Properties of Epoxy Acrylate Oligomers by Chemical Modification for the Effective Encapsulation of the Triple-Cation Perovskite Solar Cells**
Ercan B. T., Mutlu A., Gultekin S. S., Gultekin B., DİNÇALP H., ZAFER C.
ACS Omega, vol.10, no.19, pp.19723-19734, 2025 (SCI-Expanded, Scopus)

II. **Perylene Diimide-Based Dimeric Electron Acceptors with Molecular Conformations for Perovskite Solar Cells**
Saltan G., Yeşil T., Ötken A. A., ZAFER C., DİNÇALP H.
CHEMPLUSCHEM, vol.89, no.7, 2024 (SCI-Expanded, Scopus)

III. **Conformational control of morphology for perylene diimide dimer as electron transporting material at perovskite surface**
Ötken A. A., Saltan G., Yeşil T., ZAFER C., DİNÇALP H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.441, 2023 (SCI-Expanded, Scopus)

IV. **Charge transport kinetics in flower like α-MnO2 nano-sheet and α-MnO2 nanowire based supercapacitors**
Kiymaz D., Kiymaz A., Tekoglu S., Mayr F., DİNÇALP H., ZAFER C.
Thin Solid Films, vol.762, 2022 (SCI-Expanded, Scopus)

V. **Highly conjugated isoindigo and quinoxaline dyes as sunlight photosensitizers for onium salt-photoinitiated cationic polymerization of epoxy resins**
Ercan B. T., Gultekin S. S., Yesil T., DİNÇALP H., KOYUNCU S., Yağcı Y., ZAFER C.
Polymer International, vol.71, no.7, pp.867-873, 2022 (SCI-Expanded, Scopus)

VI. **Fluorene Based Ferric Complex as Colorimetric and Fluorometric Probe for Highly Selective Detection of CN− and S2− Anions**
MURAT SALTAN G., DİNÇALP H.
Journal of Fluorescence, vol.31, no.5, pp.1311-1321, 2021 (SCI-Expanded, Scopus)

VII. **Enhanced performance of ultra-thin polyaniline supercapacitor via aniline blue-WS SAMs with rich nucleation site**
Kiymaz D., Kiymaz A., DİNÇALP H., ZAFER C.
Journal of Physics D: Applied Physics, vol.54, no.31, 2021 (SCI-Expanded, Scopus)

VIII. **Synthesis and determination of fluorescence properties of new soluble diketopyrrolopyrrole type photosensitizers**
türkçen S., DİNÇALP H., MURAT SALTAN G.

Journal of Molecular Structure, vol.1195, pp.485-493, 2019 (SCI-Expanded, Scopus)

IX. **Double connector to TiO2 surface in small molecule triphenyl amine dyes for DSSC applications**
Özkan E., Mutlu A., ZAFER C., DİNÇALP H.
Journal of Materials Science: Materials in Electronics, vol.30, no.13, pp.12523-12531, 2019 (SCI-Expanded, Scopus)

X. **Bromo-substituted cibalackrot backbone, a versatile donor or acceptor main core for organic optoelectronic devices**
DİNÇALP H., Saltan G., ZAFER C., Kıymaz D. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1173, pp.512-520, 2018 (SCI-Expanded, Scopus)

XI. **Synthesis and photophysical characterization of isoindigo building blocks as molecular acceptors for organic photovoltaics**
DİNÇALP H., Saltan G., ZAFER C., Mutlu A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.202, pp.196-206, 2018 (SCI-Expanded, Scopus)

XII. **Indigo-Based Acceptor Type Small Molecules: Synthesis, Electrochemical and Optoelectronic Characterizations**
Saltan G., Kıymaz D. A., ZAFER C., DİNÇALP H.
JOURNAL OF FLUORESCENCE, vol.28, no.5, pp.1239-1249, 2018 (SCI-Expanded, Scopus)

XIII. **Small biomolecule dopant retinals: Electron blocking layer in P3HT:PCBM type organic solar cells**
Kırmacı E., DİNÇALP H., Saltan G., Kıran M., ZAFER C.
SYNTHETIC METALS, vol.236, pp.8-18, 2018 (SCI-Expanded, Scopus)

XIV. **Optoelectronic performance comparison of new thiophene linked benzimidazole conjugates with diverse substitution patterns**
Saltan G., DİNÇALP H., Kırmacı E., Kıran M., ZAFER C.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.188, pp.372-381, 2018 (SCI-Expanded, Scopus)

XV. **Comparison of the Optoelectronic Performance of Neutral and Cationic Forms of Riboflavin**
Saltan G., Kıymaz D. A., ZAFER C., DİNÇALP H.
JOURNAL OF FLUORESCENCE, vol.27, no.6, pp.1975-1984, 2017 (SCI-Expanded, Scopus)

XVI. **Coordination entities of a pyrene-based iminopyridine ligand: Structural and photophysical properties**
Ayadi A., Branzea D. G., Allain M., Canevet D., DİNÇALP H., El-Ghayoury A.
Polyhedron, vol.135, pp.86-95, 2017 (SCI-Expanded, Scopus)

XVII. **Pyrene bisiminopyridine ligand and its zinc complex**
Ayadi A., Branzea D., DİNÇALP H., Zouari N., El-Ghayoury A.
Molecular Crystals and Liquid Crystals, vol.628, no.1, pp.188-197, 2016 (SCI-Expanded, Scopus)

XVIII. **Impact of the different electron-releasing subunits on the dye-sensitized solar cell performance of new triphenylamine-benzimidazole based molecules**
DİNÇALP H., Saltan G., Aykut D., ZAFER C.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.149, pp.157-165, 2015 (SCI-Expanded, Scopus)

XIX. **Novel organic dyes based on phenyl-substituted benzimidazole for dye sensitized solar cells**
Saltan G., Dinçalp H., Kiran M., Zafer C., Erbaş S.
MATERIALS CHEMISTRY AND PHYSICS, vol.163, pp.387-393, 2015 (SCI-Expanded, Scopus)

XX. **Functionalized bay-substituted perylene diimide additives for inverted organic photovoltaic devices based on P3HT/PCBM**
DİNÇALP H., Çmen O., MURAT SALTAN G., Çl S.
Journal of Optoelectronics and Advanced Materials, vol.17, no.5-6, pp.579-589, 2015 (SCI-Expanded, Scopus)

XXI. **Studies on UV-vis and fluorescence changements in Co^{2+} and Cu^{2+} recognition by a new benzimidazole-benzothiadiazole derivative**
Çimen O., Dinçalp H., Varlikli C.

SENSORS AND ACTUATORS B-CHEMICAL, vol.209, pp.853-863, 2015 (SCI-Expanded, Scopus)

XXII. **Preliminary test of the radiopharmaceutical potential of PDI Pyr radiolabeled with 131I**
DEMİROĞLU H., TOPAL G., PARLAK Y., DİNÇALP H., AVCIBAŞI U.
Medical Science and Discovery, vol.2, no.1, pp.133-138, 2015 (Peer-Reviewed Journal)

XXIII. **Synthesis, characterization and optoelectronic properties of a new perylene diimide-benzimidazole type solar light harvesting dye**
DİNÇALP H., Çimen O., Ameri T., Brabec C. J., Içli S.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.128, pp.197-206, 2014 (SCI-Expanded, Scopus)

XXIV. **Improvement of intramolecular charge transfer within a donor-acceptor blend by doping novel synthesized benzothiadiazole small molecules in solid state**
DİNÇALP H., MURAT SALTAN G., Içli S.
Optical Materials, vol.36, no.9, pp.1525-1533, 2014 (SCI-Expanded, Scopus)

XXV. **Targeted singlet oxygen generation using different DNA-interacting perylene diimide type photosensitizers**
DİNÇALP H., KIzIlok Ş., Içli S.
Journal of Fluorescence, vol.24, no.3, pp.917-924, 2014 (SCI-Expanded, Scopus)

XXVI. **Fabrication and electrical characterization of Al/diazo compound containing polyoxy chain/p-Si device structure**
Birel O., Kavasoglu N., Kavasoglu A. S., DİNÇALP H., Metin B.
Physica B: Condensed Matter, vol.412, pp.64-69, 2013 (SCI-Expanded, Scopus)

XXVII. **Synthesis and G-quadruplex binding study of a novel full visible absorbing perylene diimide dye**
DİNÇALP H., Kizilok Ş., Birel Ö. H., Içli S.
Journal of Photochemistry and Photobiology A: Chemistry, vol.235, pp.40-48, 2012 (SCI-Expanded, Scopus)

XXVIII. **Effect of side chain substituents on the electron injection abilities of unsymmetrical perylene diimide dyes**
Dinalp H., Akar Z., ZAFER C., Li S.
DYES AND PIGMENTS, vol.91, no.2, pp.182-191, 2011 (SCI-Expanded, Scopus)

XXIX. **Highly soluble polyoxyethylene-perylene diimide: Optical, electrochemical and photovoltaic studies**
Birel O. H., ZAFER C., DİNÇALP H., Aydin B., Can M.
Journal of the Chemical Society of Pakistan, vol.33, no.4, pp.562-569, 2011 (SCI-Expanded, Scopus)

XXX. **Synthesis and spectroscopic properties of a novel perylenediimide derivative**
Hakli-Birel Ö., DİNÇALP H., ZAFER C., Demiç Ş., Colladet K., Vanderzande D., Yürüm Y., Içli S.
Journal of the Chemical Society of Pakistan, vol.33, no.3, pp.403-411, 2011 (SCI-Expanded, Scopus)

XXXI. **Investigation of radiopharmaceutical potential of an unsymmetrical perylene diimide DMANPER radiolabeled with 131I**
AVCIBAŞI U., DİNÇALP H., AVCIBAŞI N.
Hacettepe J. Biol. Chem., vol.39, no.3, pp.289-296, 2011 (Peer-Reviewed Journal)

XXXII. **Fluorescent macromolecular perylene diimides containing pyrene or indole units in bay positions**
DİNÇALP H., Kizilok Ş., Içli S.
Dyes and Pigments, vol.86, no.1, pp.32-41, 2010 (SCI-Expanded, Scopus)

XXXIII. **Optical and photovoltaic properties of salicylaldimine-based azo ligands**
DİNÇALP H., Yavuz S., Hakli Ö., ZAFER C., Özsoy C., Durucasu I., Içli S.
Journal of Photochemistry and Photobiology A: Chemistry, vol.210, no.1, pp.8-16, 2010 (SCI-Expanded, Scopus)

XXXIV. **Metabolic comparison of radiolabeled aniline- and phenol-phthaleins with 131I**
AVCIBAŞI U., Avcibaşi N., Ünak T., Ünak P., Müftüler F. Z., YILDIRIM Y., DİNÇALP H., GÜMÜŞER F. G., Dursun E. R.
Nuclear Medicine and Biology, vol.35, no.4, pp.481-492, 2008 (SCI-Expanded, Scopus)

XXXV. **New thiophene-based azo ligands containing azo methine group in the main chain for the determination of copper(II) ions**
DİNÇALP H., Toker F., Durucasu I., Avcibaşi N., Icli S.
Dyes and Pigments, vol.75, no.1, pp.11-24, 2007 (SCI-Expanded, Scopus)

XXXVI. **New perylene derivative dyes for dye-sensitized solar cells**
ZAFER C., Kus M., TÜRKMEN G., DİNÇALP H., Demic S., Kuban B., Teoman Y., Icli S.
Solar Energy Materials and Solar Cells, vol.91, no.5, pp.427-431, 2007 (SCI-Expanded, Scopus)

XXXVII. **Spectral properties and G-quadruplex DNA binding selectivities of a series of unsymmetrical perylene diimides**
DİNÇALP H., Avcibasi N., Icli S.
Journal of Photochemistry and Photobiology A: Chemistry, vol.185, no.1, pp.1-12, 2007 (SCI-Expanded, Scopus)

XXXVIII. **Preliminary tests of the radiopharmaceutical potential of N-(2,6-diisopropylphenyl)-N'-(4-pyridyl)-perylene-3,4,9,10-tetracarboxylic diimide radiolabeled with 131 I**
AVCIBAŞI U., DİNÇALP H., Ünak T., YILDIRIM Y., Avcibaşi N., Duman Y., Içli S.
Journal of Radioanalytical and Nuclear Chemistry, vol.273, no.3, pp.669-675, 2007 (SCI-Expanded, Scopus)

XXXIX. **Photoinduced electron transfer-catalyzed processes of sulfoamino perylene diimide under concentrated sun light**
DİNÇALP H., Içli S.
Solar Energy, vol.80, no.3, pp.332-346, 2006 (SCI-Expanded, Scopus)

XL. **Photophysical study of photoinduced electron transfer in a bis-thiophene substituted peryleneimide**
Fron E., Lor M., Pilot R., Schweitzer G., DİNÇALP H., De Feyter S., Cremer J., Bäuerle P., Müllen K., Van der Auweraer M., et al.
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, vol.4, no.1, pp.61-68, 2005 (SCI-Expanded, Scopus)

XLI. **Photosynthesis of rose oxide by concentrated sunlight in the absence of singlet oxygen**
DİNÇALP H., Içli S.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.141, no.2-3, pp.147-151, 2001 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **SYNTHESIS OF NEW PERYLENE DIIMIDE DIMER TYPE MOLECULES AND INVESTIGATION OF OPTOELECTRONIC PROPERTIES FOR PEROVSKITE LAYERS IN PHOTOVOLTAIC DEVICES**
MURAT SALTAN G., ZAFER C., DİNÇALP H.
7 th International Conference on Innovative Studies of Contemporary Sciences (TOKYO SUMMIT-VII), Tokyo, Japan, 21 - 23 April 2023, (Summary Text)

II. **Çözünür, Yeni Diketopirolopirol Türevi Fotosensörlerin Sentezi ve Floresans Özelliklerinin Belirlenmesi**
TÜRKÇEN S., DİNÇALP H., MURAT G.
30. Ulusal Kimya Kongresi, Turkey, 5 - 08 November 2018, (Summary Text)

III. **Synthesis and Determination of Photophysical Parameters of Some Pd-catalyzed 1,8 Naphtalene imide Derivatives**
TÜRKMEN G., DİNÇALP H.
7. Ulusal Kataliz Kongresi, Turkey, 9 - 12 September 2018, (Summary Text)

IV. **Isoindigo Building Blocks as Molecular Acceptors for Solution-Processed Inverted Organic Solar Cells**
DİNÇALP H., MURAT G., ZAFER C., Mutlu A.
4th International Conference on Materials Science and Nanotechnology For Next generation (MSNG-2017), Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, (Summary Text)

V. **Brom-Substituted Cibalackrot Backbone, a Versatile Electron-Deficient Main Core for Organic Optoelectronic Devices**
DİNÇALP H., MURAT G., ZAFER C., Kiymaz D. A.
4th International Conference on Materials Science and Nanotechnology For Next generation (MSNG-2017), Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, (Summary Text)

VI. **Comparison of the Optoelectronic Performance of Neutral and Cationic Form of Riboflavin**

MURAT G., DİNÇALP H., KIRAN M., ZAFER C.

12. International Nanoscience and Nanotechnology Conference, Kocaeli, Turkey, 3 - 05 June 2016, (Summary Text)

VII. **Benzimidazole Thiophene Based Small Molecules with Various Electronic Subunits for Organic Solar Cell Applications**

MURAT G., kırmacı e., DİNÇALP H., kıran m., ZAFER C.

12. International Nanoscience and nanotechnology conference, Kocaeli, Turkey, 3 - 05 June 2016, (Summary Text)

VIII. **Synthesis and Determination of Fluorescence Properties of New, Soluble Diketopyrrolopyrrole Type OPV Materials**

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