

Assoc. Prof. Bahadır KESKİN

Personal Information

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Biography

- I. **Topic:** Supercapacitor materials production, Graphene oxide, synthesis and characterization, electrochemical analysis.
- II. **Conditions:** Candidate should have at least 2.5 average grade BSc, must be a MSc student, and should graduate from YTU Chem Department/Inorg Chem division (thesis is under my Supervisor).
- III. **Contact:** Interested candidates, Please take a reservation with email bkeskin@yildiz.edu.tr, also to face-to-face talk office Fen Edeb Fak. D Blok, Room: D-1016 (ofis tel 212 3834175).

Welcome to Bahadır KESKİN's home page.

We study on tetrapyrrole [macrocyclic compounds](#) such as [Phthalocyanines](#), porphyrines and porphyrazines, and also organometallic compounds as ferrocene derivatives. We synthesis and characterize these compounds. Beyond this, we work on physical, chemical and biological properties of this compounds like as electrochemical and spectrochemical, electrical (dielectric constants), optical (band-gap calculations), antifungal, antibacterial and antioxidant activities of these compounds with our colleagues.

Research Topics:

Phthalocyanine (Pc) is a beautifully symmetrical 18 p-electron aromatic macrocycle, closely related to the naturally occurring porphyrins. Like the porphyrins, the Pc macrocycle can play host to over seventy different metal ions in its central cavity. Since its discovery over seventy years ago, Pc and its derivatives have been extensively used as colorants (dyes or pigments).

new! SUPERCAPACITORS:

A [Supercapacitor](#) is an electrochemical capacitor that has an unusually high energy density when compared to common capacitors. Supercapacitor is also known as Electric Double Layer Capacitor(EDLC) or Ultra capacitor. The capacitance range is from 100 Farad to 10KFarad.

Fatures:

- I. Stores high amount of energy.
- II. High rates of charge and discharge.
- III. Have high capacitance.
- IV. Low toxicity.
- V. High cycle efficiency (95%)
- VI. Little degradation over thousands of cycles.

[A range of supercapacitors](#)

Dye-Sensitized Solar Cell (DSSC):

Now that we are near the end of the first decade of the 20th century, future energy demands make for sobering reading. The world currently uses about 13 terawatts (TW) of energy, and it is predicted by 2050, an additional 10 TW will be required. Not only that, the additional energy required will be have to be carbon neutral. Not only that, we are heading for peak oil. Considering all of this, what is the role of solar energy?

Education Information

Post Doctorate, University of Minnesota, Duluth, Faculty Of Chemistry And Biochemistry, Chemistry, United States Of America 2010 - 2010

Post Doctorate, North Dakota State University, Faculty Of Chemistry And Biochemistry, Material Chemistry, United States Of America 2009 - 2010

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya, Turkey 2003 - 2009

Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 2001 - 2003

Foreign Languages

English, C1 Advanced

Russian, B2 Upper Intermediate

Dissertations

Postgraduate, Kinolin Süstitüe Metalli Ftalosiyeninlerin Sentez Karakterizasyonu Ve Elektrokimyasal Özelliklerinin İncelenmesi, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2016

Postgraduate, Click Tepkimeleri Kullanılarak Yeni Ftalosiyenin Türevlerinin Sentezi, Karakterizasyonu Ve Elektrokimyasal Özelliklerinin İncelenmesi, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2015

Postgraduate, Yeni Non-Periferal Ftalosiyenin Türevlerinin Sentezi, Karakterizasyonu ve Elektrokimyasal Özelliklerinin İncelenmesi , Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2013

Postgraduate, Yeni Ftalosiyenin Türevlerinin Sentezi, Karakterizasyonu ve Elektrokimyasal Özelliklerinin İncelenmesi , Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2013

Research Areas

Electrical and Electronics Engineering, MEMS, Semiconducting Materials and Devices, Metallurgical and Materials Engineering, Material science and engineering, Semiconductor and Superconductor Materials, Chemical and Electrochemical Properties, Material Characterization, Nanomaterials, Chemistry, Inorganic Chemistry, Bioinorganic Chemistry, Inorganic Ring Compounds, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - Continues
Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2001 - 2017

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, Fen Edebiyat, Kimya, 2008 - Continues

Courses

Anorganik Kimya Laboratuvarı 1, Undergraduate, 2018 - 2019, 2019 - 2020
Nanomalzemelerin Enerji Dönüşümü ve Depolanması, Doctorate, 2018 - 2019
Anorganik Kimya 2, Undergraduate, 2018 - 2019
Anorganik Kimya 1, Undergraduate, 2018 - 2019, 2019 - 2020
Yüksek Lisans Tezi, Postgraduate, 2017 - 2018, 2018 - 2019
Bitirme Çalışması, Undergraduate, 2018 - 2019
Uzmanlık Alan Dersi (Yüksek Lisans), Postgraduate, 2017 - 2018, 2018 - 2019
Inorganic Chemistry Laboratory 2, Undergraduate, 2017 - 2018, 2018 - 2019
Genel Kimya (Müh.), Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020
Araştırma Yöntemleri ve Bilimsel Etik, Doctorate, 2018 - 2019

Advising Theses

KESKİN B., Kinolin Sübstitüe Metalli Ftalosiyanın Sentez Karakterizasyonu Ve Elektrokimyasal Özelliklerinin İncelenmesi, Postgraduate, O.Okuyucu(Student), 2016
KESKİN B., Click Tepkimeleri Kullanılarak Yeni Ftalosiyanın Türevlerinin Sentezi, Karakterizasyonu Ve Elektrokimyasal Özelliklerinin İncelenmesi, Postgraduate, A.Çetinkaya(Student), 2015
KESKİN B., Yeni Non-Periferel Ftalosiyanın Türevlerinin Sentezi, Karakterizasyonu ve Elektrokimyasal Özelliklerinin İncelenmesi, Postgraduate, Ö.Koyun(Student), 2013
KESKİN B., Yeni Ftalosiyanın Türevlerinin Sentezi, Karakterizasyonu ve Elektrokimyasal Özelliklerinin İncelenmesi, Postgraduate, S.Gördük(Student), 2013

Jury Memberships

Post Graduate, YL Tezi, Yıldız Teknik Üniversitesi, January, 2016

Designed Lessons

Keskin B., Nanomaterials for Energy Conversion and Storage, Doctorate, 2018 - 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The photo-physicochemical properties and in vitro sonophotodynamic therapy activity of Di-axially substituted silicon phthalocyanines on PC3 prostate cancer cell line**
Atmaca G., Aksel M., Keskin B., Bilgin M. D. , Erdoğan A.
Dyes and Pigments, vol.184, 2021 (Journal Indexed in SCI)
- II. **Surface analysis and adsorption behavior of caffeine as an environmentally friendly corrosion inhibitor at the copper/aqueous chloride solution interface**
Messaoudi H., Djazi F., Litim M., KESKİN B., Slimane M., Bekhiti D.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.34, no.20, pp.2216-2244, 2020 (Journal Indexed in SCI)
- III. **Free-standing carbon nanotubes as non-metal electrocatalyst for oxygen evolution reaction in water**

splitting

Ali A., Akyuz D., Asghar M. A. , Koca A., Keskin B.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, pp.1123-1128, 2018 (Journal Indexed in SCI)

- IV. **Synthesis, characterization and electrochemical properties of new phthalocyanines**
Kilicarslan F., KESKİN B., ERDEN İ., ERDOĞMUŞ A.
JOURNAL OF COORDINATION CHEMISTRY, vol.70, no.15, pp.2671-2683, 2017 (Journal Indexed in SCI)
- V. **Metal-free polymer/MWCNT composite fiber as an efficient counter electrode in fiber shape dye-sensitized solar cells**
Ali A., Shah S. M. , Bozar S., Kazici M., Keskin B., Kaleli M., Akyürekli S., Güneş S.
NANOTECHNOLOGY, vol.27, 2016 (Journal Indexed in SCI)
- VI. **Microwave-assisted synthesis, electrochemistry and spectroelectrochemistry of phthalocyanines bearing tetra terminal-alkynyl functionalities and click approach**
Koyun O., GÖRDÜK S., KESKİN B., CETINKAYA A., KOCA A., Avciata U.
POLYHEDRON, vol.113, pp.35-49, 2016 (Journal Indexed in SCI)
- VII. **Electrocatalytic hydrogen evolution reaction on reduced graphene oxide electrode decorated with cobaltphthalocyanine**
Akyuz D., KESKİN B., Sahinturk U., KOCA A.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.188, pp.217-226, 2016 (Journal Indexed in SCI)
- VIII. **Novel indium(III) phthalocyanines; synthesis, photophysical and humidity sensing properties**
KESKİN B., OKUYUCU O., ALTINDAL A., ERDOĞMUŞ A.
NEW JOURNAL OF CHEMISTRY, vol.40, no.6, pp.5537-5545, 2016 (Journal Indexed in SCI)
- IX. **Optical characterization of spin-coated cobalt porphyrazine thin films: effect of annealing temperature**
KOÇ K., KESKİN B., DENKTAŞ C.
PHILOSOPHICAL MAGAZINE LETTERS, vol.95, no.10, pp.511-518, 2015 (Journal Indexed in SCI)
- X. **Structural, optical and electrochromic properties of cerium dioxide thin films prepared by sol-gel dip coating method**
GOKDEMİR F. P. , Saatci A. E. , ÖZDEMİR O., KESKİN B., Kutlu K.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.38, pp.300-305, 2015 (Journal Indexed in SCI)
- XI. **Influence of alkyl chain length on the surface activity of antibacterial polymers derived from ROMP**
ALTAY E., YAPAOZ M., KESKİN B., Yucesan G., EREN T.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.127, pp.73-78, 2015 (Journal Indexed in SCI)
- XII. **A.c. and d.c. conduction processes in octakis[(4-tert-butylbenzylthio)-porphyrazinato]Cu(II) thin films with gold electrodes**
KESKİN B., ALTINDAL A., Avciata U., Gül A.
BULLETIN OF MATERIALS SCIENCE, vol.37, no.3, pp.461-468, 2014 (Journal Indexed in SCI)
- XIII. **Ultrasound-assisted rapid one-pot synthesis, characterization and electrical properties of a beta-aminoketone with a ferrocenyl moiety**
KESKİN B., Ozturkcan S. A. , ALTINDAL A.
POLYHEDRON, vol.69, pp.135-140, 2014 (Journal Indexed in SCI)
- XIV. **Synthesis and EPR studies of soluble vanadyl octakis(4-tert-butylbenzylthio) porphyrazine**
Keskin B., Yerli Y., Avciata U.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.15, pp.2615-2622, 2013 (Journal Indexed in SCI)
- XV. **Synthesis and characterization of ferrocene end capped poly caprolactone s by a combination of ring opening polymerization and click chemistry techniques**
Oktay E., GÖRÜR M., KESKİN B., YILMAZ F.
Reactive & Functional Polymers, vol.73, pp.244-253, 2013 (Journal Indexed in SCI)
- XVI. **Synthesis of Ni(II) porphyrazine peripherally 4-tert-butylbenzylthio moiety and electronic Schottky barrier diode octa-substituted with the properties of the Al/Ni(II)Pz/p-Si Schottky barrier diode**
KESKİN B., DENKTAŞ C., ALTINDAL A., Avciata U., Gül A.
POLYHEDRON, vol.38, no.1, pp.121-125, 2012 (Journal Indexed in SCI)

- XVII. **Radical scavenging and invitro antifungal activities of Cu(II) and Co(II) complexes of the t-butylphenyl derivative of porphyrzine**
KESKİN B., PEKSEL A., Avciata U., Gül A.
JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.22, pp.3999-4006, 2010 (Journal Indexed in SCI)
- XVIII. **Synthesis and characterization of soluble seco-porphyrzines with bulky substituents**
GONCA E., KESKİN B.
JOURNAL OF COORDINATION CHEMISTRY, vol.62, no.17, pp.2875-2882, 2009 (Journal Indexed in SCI)
- XIX. **Synthesis and EPR studies of porphyrzines with bulky substituents**
KESKİN B., KÖSEOĞLU Y., AVCIATA U., GÜL A.
Polyhedron, vol.27, pp.1155-1160, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **PHENOLIC COMPOSITION, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF ZIZYPHUS LOTUS L. AND RUTA CHALEPENSIS L. GROWING IN MASCARA (WESTERN ALGERIA)**
Bekkar N. E. H. , Meddah B., ÇAKMAK Y. S. , KESKİN B.
JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES, vol.10, no.5, 2021 (Journal Indexed in ESCI)
- II. **Laminated Carbon Nanotubes for the Facile Fabrication of Cost-Effective Polymer Solar Cells**
Ali A., Kazici M., Bozar S., Keskin B., Kaleli M., Shah S. M. , GÜNEŞ S.
ACS APPLIED ENERGY MATERIALS, vol.1, no.3, pp.1226-1232, 2018 (Journal Indexed in ESCI)
- III. **Reinvestigation of bromination of 8 substituted quinolines and synthesis of novel phthalonitriles**
Ökten S., Çakmak O., Saddiqa A., Keskin B., Özdemir S., İnal M.
ORGANIC COMMUNICATIONS, vol.9, pp.82-93, 2016 (Refereed Journals of Other Institutions)
- IV. **Formation of TiO₂ thin films by a modified sol-gel route and characterization of structural, optical and electrochromic properties**
Gökdemir F. P. , Yüzbaşıoğlu V. E. , Keskin B., Özdemir O., Kutlu K.
Advanced Materials Letters, vol.5, pp.367-371, 2014 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Synthesis and Characterization of Novel Peripherally 3-Bromo-1-Phenyl-1-Propene Derivative of Porphyrzine**
Keskin B., Avciata U., Gül A.
in: Innovations in Chemical Biology, Sener B., Editor, Springer Netherlands Library Service Library Service, Ankara, pp.389-395, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Oral acute toxicity of Zizyphus lotus essential oil in Wistar rats and effect on liver function**
Bekkar N. E. H. , Meddah B., KESKİN B.
SixthMGIBR International Workshop of Aromatic, Medicinal and Condiment plants virtues and development prospects, Tilimsan, Algeria, 27 - 28 June 2020, pp.49
- II. **Investigation of catalytic properties of MoS₂-GO nanostructures for hydrogenation reactions of various functional organic groups**
Yıldırım A., Bayındır O., Keskin B.
4th Int. Symposium on Materials for Energy Storage and Conversion (mESC-IS 2019), Muğla, Turkey, 11 - 13 September 2019, vol.1, pp.90
- III. **Synthesis and characterization of cobalt oxide (Co₃O₄)-functionalized reduced graphene oxide**

nanostructure via click reaction on copper foam as a supercapacitor electrode material

Keskin B., Şahintürk U.

4th Int. Symposium on Materials for Energy Storage and Conversion (mESC-IS 2019), Muğla, Turkey, 11 - 13 September 2019, vol.1, pp.35

- IV. **MoS₂-GO nanostructures as efficient cocatalyst of Zinc Phthalocyanine for water splitting**
Messaoudi H., Keskin B., Koca A.
4th Int. Symposium on Materials for Energy Storage and Conversion (mESC-IS 2019), Muğla, Turkey, 11 - 13 September 2019, vol.1, pp.91
- V. **Ceviz Kabuğundan Karbon Nanomalzemelerin Sentezi ve Karakterizasyonu**
Keskin B., Erdemir B.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, vol.1, pp.364
- VI. **Preperation Graphene oxide-poly(amidoamine) dendrimer nanohybrid material modified electrode for enhancing capacitance**
Islam M. N. , Keskin B., Tülü M.
13th International Conference on Electrochemistry, Barcelona, Spain, 27 - 28 May 2019, vol.10, no.1, pp.46
- VII. **Synthesis and Investigation of New Type Silicon Phthalocyanines for Photodynamic Therapy**
Yaşa Atmaca G., Keskin B., Erdoğan A.
Third GTU Photodynamic Day, Kocaeli, Turkey, 09 May 2018
- VIII. **Phthalocyanines complexes with quinoline substituents: Synthesis, aggregation and antioxidant properties**
KESKİN B., ORTADOĞULU E.
20th JCF-Frühjahrssymposium, Konstanz, Germany, 21 - 24 March 2018
- IX. **Comparing Capacitances of Modified Glassy Carbon Electrodes by Microwave asisted Reduced Graphene Oxide with Metallophthalocyanines**
KESKİN B., ŞAHİNTÜRK U.
2nd Int. Symposium on Materials for Energy Storage and Conversion (mESC-IS 2017), 26 - 28 September 2017, vol.1
- X. **Spectroscopic Investigation of Synthesized Water Soluble Metallo Phthalocyanines: Absorbance, Fluorescence, Mass and Voltammetric Studies**
KESKİN B.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), Muğla, Turkey, 26 - 29 August 2017, vol.1, pp.181
- XI. **Synthesis, Characterization and Photophysical Properties of Novel Dye Water Soluble Phthalocyanines**
KESKİN B.
International Congress On Applied Science And Technology (ASTECH'2017), 17 - 20 April 2017, vol.1, pp.72
- XII. **Synthesis, Photochemical and Voltammetric DNA Binding Study of Quinoline Substituted Water Soluble Phthalocyanines**
KESKİN B., PEKSEL A.
International Congress On Applied Science And Technology (ASTECH'2017), 17 - 20 April 2017, vol.1, pp.49
- XIII. **Synthesis, Characterization and Physical Properties of Novel Metallo Phthalocyanines Peripherally substituted Fluoro Quinoline Moiety**
KESKİN B., CAN N., YILMAZ G. D.
International Congress On Applied Science And Technology (ASTECH'2017), 17 - 20 April 2017, vol.1, pp.72
- XIV. **Insight into the Capacitive Properties of Azido Groups on Reduced Graphene Oxide**
ŞAHİNTÜRK U., EKERİM A., KESKİN B., YILMAZ İ.
International Conference On Energy Systems Istanbul 2016- ICES2016, İstanbul, Turkey, 21 - 23 December 2016
- XV. **Pristine Aligned Multi Wall Carbon Nanotubes as Non Metal Electrocatalysts for Oxygenevolution Reaction of Water Splitting**
KESKİN B., ALİ A., AKYÜZ D., KOCA A.
International Conference On Energy Systems Istanbul 2016- ICES2016, İstanbul, Turkey, 21 - 23 December 2016

- XVI. **Electrochemically reduced graphene oxide metallophthalocyanine modified glassy carbon electrode for enhancing capacitance**
KESKİN B., ŞAHİNTÜRK U.
3rd Emerging 2D Materials & Graphene Conference from Laboratory to Industry 2016, İstanbul, Turkey, 20 - 21 October 2016, pp.63
- XVII. **Enhanced capacitance of Electrochemically Reduced Azido Graphene Oxide Nickel Foam Electrode**
ŞAHİNTÜRK U., EKERİM A., KESKİN B., YILMAZ İ.
3rd Emerging 2D Materials & Graphene Conference from Laboratory to Industry 2016, İstanbul, Turkey, 20 - 21 October 2016, pp.61-62
- XVIII. **Synthesis and characterization of a new Fluoro Quinoline substituted zinc phthalocyanines**
KESKİN B., ARSLAN M.
International Congress on Fundamental and Applied Sciences 2016 (ICFAS2016), İstanbul, Turkey, 22 - 26 August 2016
- XIX. **Synthesis Characterization Aggregation and Electrochemical Properties of Fluoro Functionality Phthalocyanines**
AYTAN KILIÇARSLAN F., KESKİN B., ERDOĞMUŞ A., ERDEN İ.
International Congress on Fundamental and Applied Sciences 2016 (ICFAS2016), İstanbul, Turkey, 22 - 26 August 2016
- XX. **Modification of Glassy carbon electrode with electrochemically reduced graphene oxide supported Cobaltphthalocyanine for enhancing its capacitance**
KESKİN B., Şahintürk U., Ekerim A.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXI. **Capacitive behaviour of reduced azido graphene oxide electrodes decorated with metallophthalocyanine**
ŞAHİNTÜRK U., KESKİN B., EKERİM A.
2nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXII. **Synthesis Characterization and Photophysical Properties of Novel Dye Water Soluble Zinc Phthalocyanines**
KESKİN B.
Uluslararası Paintistanbul & Turkcoat 2016, Katılımlı Boya Sanayi, Hammadde ve Yardımcı Maddeler Kongresi, İstanbul, Turkey, 22 - 23 March 2016
- XXIII. **Yeni Suda Çözünür Çinko Ftalosiyanın Sentezi Fotokimyasal ve DNA Bağlama Özelliklerinin İncelenmesi**
KESKİN B., Okuyucu O., DURU KAMACI Ü., PEKSEL A.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016
- XXIV. **Yeni Suda Çözünür Magnezyum Ftalosiyanın Sentezi Karakterizasyonu ve DNA Bağlama Özelliğinin Araştırılması**
KESKİN B., Okuyucu O., DURU KAMACI Ü., Yılmaz G. D. , PEKSEL A.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016
- XXV. **Synthesis Characterization and Electrochemical investigation of Nonperipheral Cobalt Phthalocyanine via click chemistry**
Çetinkaya A., Keskin B.
1st International Advanced and Functional Materials Technologies (AFMAT) 2015, Antalya, Turkey, 26 - 28 October 2015, pp.40-41
- XXVI. **Synthesis structural optical and electrochromic properties of quarternized titanyl phthalocyanines thin films prepared by sol gel method**
Okuyucu O., Keskin B., Gökdemir F. P. , Özdemir O.

- 1st International Advanced and Functional Materials Technologies (AFMAT) 2015, Antalya, Turkey, 26 - 28 October 2015, pp.42
- XXVII. **Synthesis characterization and gas sensing properties of novel porphyrazines peripherally substituted alkenyl moiety**
Keskin B., Altındal A., Avciata U.
1st International Advanced and Functional Materials Technologies (AFMAT) 2015, Antalya, Turkey, 26 - 28 October 2015, pp.36
- XXVIII. **4 tiyofen 3 il fenoksi Sübstitüentli Kloroindiyum III Ftalosiyenin Sentezi Karakterizasyonu ve Fotofiziksel Özelliklerinin İncelenmesi**
Keskin B., Okuyucu O., Erdoğan A.
5. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015, pp.396
- XXIX. **Synthesis Characterization and Photophysical Properties of Chloroindium III Phthalocyanine Bearing Dimethoxyphenylthio Units**
Keskin B., Okuyucu O., Erdoğan A.
17th JCF-Frühjahrssymposium, Münster, Germany, 25 - 28 March 2016, pp.72
- XXX. **Synthesis and characterization of covalently bounded graphene oxide with terminal alkyne substituted zinc phthalocyanine**
Şahintürk U., Keskin B.
17th JCF-Frühjahrssymposium, Münster, Germany, 25 - 28 March 2015, pp.73
- XXXI. **Synthesis and Characterization of Nonperipheral Zincphthalocyanine bearing Phthalimide units via click chemistry**
Çetinkaya A., Keskin B.
Molchem2014, İstanbul, Turkey, 19 December 2014, pp.86
- XXXII. **Preparation of Zinc Phthalocyanine Modified Polypyrrole Nano ber Electrode**
KOYUN Ö., GÖRDÜK S., KESKİN B., ŞAHİN Y., GÜRSU H.
Molchem2014, İstanbul, Turkey, 19 December 2014, pp.134
- XXXIII. **Preparation of Zinc-phthalocyanine Modified Polypyrrole Nanofiber Elektrode**
GÖRDÜK Ö., GÖRDÜK S., KESKİN B., ŞAHİN Y., GÜRSU H.
INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY (MOLCHEM2014), İstanbul, Turkey, 18 - 19 December 2014, pp.134
- XXXIV. **Preparation of Zinc-Phthalocyanine Modified Polypyrrole Nanofiber Electrode**
Koyun Ö., Gördük S., Keskin B., Şahin Y., Gürsu H.
INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY - ISTANBUL, İstanbul, Turkey, 19 December 2014, pp.155
- XXXV. **Synthesis and Characterization of Novel Dye Zinc Phthalocyanine**
KESKİN B.
Paintistanbul 2014 Boya Sanayi, Hammadde ve Yardımcı Maddeler Kongresi, İstanbul, Turkey, 22 - 23 October 2014
- XXXVI. **Structural Optical and Electrochemical Investigation of Electrochromic Tungsten Oxide Thin Films**
GÖKDEMİR F. P., SAATÇI A. E., ÖZDEMİR O., KESKİN B., KUTLU K.
17th Solid State Protonic Conference (SSPC-17), SEUL, KUZZEY KORE, 14 - 19 September 2014
- XXXVII. **Synthesis and Characterization of a New Class of Phthalimide Triazole Linked Phthalocyanines via Click Reaction**
KESKİN B., Çetinkaya A., Avciata U.
Eighth International Conference on Porphyrins and Phthalocyanines (ICPP-8), İstanbul, Turkey, 22 - 27 June 2014
- XXXVIII. **Synthesis of Alkyl Bromine End Functionalized Porphyrazine and Investigation of Its Electrical Properties**
KESKİN B., Altındal A.
10th Nanoscience and Nanotechnology Conference of Turkey (NanoTR10), İstanbul, Turkey, 17 - 21 June 2014
- XXXIX. **Structural, Optical and Electrochromic Properties of Cerium Dioxide Thin Films Prepared By Sol Gel Dip Coating Method**

Gökdemir F. P. , Özdemir O., Bulgurcuoğlu A. E. , Kutlu K., Keskin B.

APMAS 2014, Muğla, Turkey, 24 - 27 April 2014

- XL. **Influence of Heat Treatment on Structural and Optical Properties of Cobalt Porphyrine Thin Films**
KESKİN B., KOÇ K., DENKTAŞ C., TEPEHAN F. Z. , AVCIATA U., GÜL A.
16th JCF-Frühjahrssymposium, Jena, Germany, 26 - 29 March 2014
- XLII. **Synthesis characterization of quinoline substituted zinc II phthalocyanines and their quaternized derivatives**
KESKİN B., Çınar M.
16th JCF-Frühjahrssymposium, Jena, Germany, 26 - 29 March 2014
- XLIII. **Biyoaktif Kinolinlerin Sentezinde Yeni Metodlar ve Kinolin Türevlerinin Antikanser Aktiviteleri Etki Mekanizmaları**
ÇINAR M., ÖKTEN S., KESKİN B., KÖPRÜLÜ T., EYİGÜN D., ÇAKMAK O., TEKİN Ş.
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- XLIV. **Efficient Green Procedures for Preparation of Novel Zinc Phthalocyanines Containing Alkynyl Moieties**
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