

Prof. MUSTAFA YAVUZ ERGÜN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-9849-2019

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1993 - 1999

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1991 - 1994

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Bölümü, Turkey 1985 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Tetrasiklik strychnos alkaloidlerinin sentezi üzerine çalışmalar, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1999

Postgraduate, Antitümör etkisi bilinen eliptisinin (Toplam) sentezi, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1994

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Dokuz Eylül University, Fen Fakültesi, Kimya Bölümü, 2010 - Continues

Associate Professor, Dokuz Eylül University, Fen Fakültesi, Kimya Bölümü, 2005 - 2010

Assistant Professor, Dokuz Eylül University, Fen Fakültesi, Kimya Bölümü, 2005 - 2005

Academic and Administrative Experience

Dokuz Eylül University, 2016 - Continues

Advising Theses

- ERGÜN M. Y., Synthesis of potential new carbazole based telomerase inhibitors, Postgraduate, C.BERK(Student), 2021
- ERGÜN M. Y., Synthesis of potential anti-cancer new ellipticine and olivacine derivatives, Doctorate, S.ÖNCÜOĞLU(Student), 2021
- ERGÜN M. Y., Synthesis of potential new telomerase inhibitors, Postgraduate, A.KARAER(Student), 2018
- ERGÜN M. Y., Potansiyel antibakteriyel aktifliğe sahip karbazol grubu içeren β -laktam türevlerinin sentezi, Postgraduate, C.EDUARDO(Student), 2017
- ERGÜN M. Y., Synthesis and characterization of carbazole moiety bearing multi-walled carbon nanotubes, Postgraduate, O.GÖÇMEZ(Student), 2016
- ERGÜN M. Y., Synthesis of 1,3-thiazolidin-4-one derivatives, Postgraduate, A.USLU(Student), 2016
- ERGÜN M. Y., Synthesis of carbazole amide derivatives, Postgraduate, V.AKYILDIZ(Student), 2015
- ERGÜN M. Y., Synthesis of pyridocarbazoles as potential topoisomerase II inhibitors, Postgraduate, S.ÖNCÜOĞLU(Student), 2015
- ERGÜN M. Y., Synthesis of oxygenated carbazole derivatives, Postgraduate, M.TİKEN(Student), 2014
- ERGÜN M. Y., Investigation of new approaches for the synthesis of the antineoplastic ellipticine and derivatives, Doctorate, M.GÖÇMENTÜRK(Student), 2013
- ERGÜN M. Y., Synthesis of new carbazolyl oxazolone derivatives and studying spectroscopic properties, Doctorate, C.GÜNDOĞDU(Student), 2013
- ERGÜN M. Y., Synthesis of pyrido[3,4-b]carbazole and pyrido[4,3-c]carbazole ring systems, Postgraduate, D.TATLİDEDE(Student), 2013
- ERGÜN M. Y., Synthesis of novel heteroaryl substituted carbazole derivatives, Postgraduate, N.ŞEN(Student), 2012
- ERGÜN M. Y., Studies on synthesis of octahydropyrido [3,2-c] carbazole skeleton, Doctorate, S.GÜLLE(Student), 2011
- ERGÜN M. Y., Synthesis of intermediates for the core structure of Aspidosperma alkaloids, Doctorate, G.TAŞKIRAN(Student), 2010
- ERGÜN M. Y., Studies on the synthesis of new tetrahydrocarbazole derivatives, Postgraduate, M.GÖÇMENTÜRK(Student), 2010
- ERGÜN M. Y., Synthesis of new derivatives of non steroidal anti-inflammatory drugs, Postgraduate, C.GÜNDOĞDU(Student), 2009
- ERGÜN M. Y., A new synthetic approach to synthesis of pyridocarbazoles alkaloids, Postgraduate, A.ÇAĞDAŞ(Student), 2008
- ERGÜN M. Y., Synthesis of selective cyclooxygenase-2 inhibitor antiinflammatory heterocyclic compounds, Postgraduate, S.HASIRCI(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of Murrayquinone-A Derivatives and Investigation of Potential Anticancer Properties**
Cagatay E., AKYILDIZ V., Ergun Y., AYAR KAYALI H.
CHEMISTRY & BIODIVERSITY, vol.18, no.11, 2021 (SCI-Expanded)
- II. **Construction of an Octahydropyrido[3,4-b]carbazole Skeleton**
Oncuoglu S., Ergun Y., Hizliates C., Akyildiz V.
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.57, no.8, pp.1330-1335, 2021 (SCI-Expanded)
- III. **Development of imidazolone based angiotensin II receptor type I inhibitor small molecule as a chemotherapeutic agent for cell cycle inhibition**
Avsar T., Yigit B. N., Turan G., Altunsu D., Calis S., Kurt B., KILIÇ T., ERGÜN M. Y., DURDAĞI S., Acar M.
ALL LIFE, vol.14, no.1, pp.678-690, 2021 (SCI-Expanded)
- IV. **Selected ellipticine derivatives, known to target topoisomerase II, suppress the alternative lengthening of telomere (ALT) pathway in telomerase-negative cells**
Zencir S., Hsieh M., Hsu J., Ergun Y., Chou G., Li T., Teng S., TOPÇU Z.
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol.146, no.7, pp.1671-1676, 2020 (SCI-Expanded)

- V. **Structural modification of ellipticine derivatives with alkyl groups of varying length is influential on their effects on human DNA topoisomerase II: a combined experimental and computational study**
Kuskucu M., Akyildiz V., Kulmany A., Ergun Y., Zencir S., Zupko I., Durdagi S., Zaka M., Sahin K., Orhan H., et al.
MEDICINAL CHEMISTRY RESEARCH, vol.29, no.2, pp.189-198, 2020 (SCI-Expanded)
- VI. **Integration of multi-scale molecular modeling approaches with experiments for the in silico guided design and discovery of novel hERG-Neutral antihypertensive oxazalone and imidazolone derivatives and analysis of their potential restrictive effects on cell proliferation**
DURDAĞI S., Aksoydan B., Erol I., Kantarcioglu I., ERGÜN M. Y., BULUT G., Acar M., Avsar T., Liapakis G., Karageorgos V., et al.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.145, pp.273-290, 2018 (SCI-Expanded)
- VII. **A New Synthetic Framework for 11-Demethylellipticine**
Gocmenturk M., GÜNDOĞDU HIZLIATEŞ C., Ergun Y.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.53, no.3, pp.767-770, 2016 (SCI-Expanded)
- VIII. **Inhibition of human DNA topoisomerase II alpha by two novel ellipticine derivatives**
Vann K. R., Ergun Y., ZENCİR S., ÖNCÜOĞLU S., Osheroff N., TOPÇU Z.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.26, no.7, pp.1809-1812, 2016 (SCI-Expanded)
- IX. **Synthesis of Cycloalk[b]indole Bearing Spiropiperidine Derivatives**
GÜNDOĞDU HIZLIATEŞ C., Gulle S., Ergun Y.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.53, no.1, pp.249-254, 2016 (SCI-Expanded)
- X. **Manipulation of pH induced sensitivity of a fluorescent probe in presence of silver nanoparticles**
KAÇMAZ S., ERTEKİN K., ÖTER Ö., GÜNDOĞDU HIZLIATEŞ C., Ergun Y., Celik E.
JOURNAL OF LUMINESCENCE, vol.168, pp.228-235, 2015 (SCI-Expanded)
- XI. **Electrosynthesis and characterization of an electrochromic material containing biscarbazole-oxadiazole units and its application in an electrochromic device**
UDUM Y., GÜNDOĞDU HIZLIATEŞ C., Ergun Y., Toppare L.
THIN SOLID FILMS, vol.595, pp.61-67, 2015 (SCI-Expanded)
- XII. **A novel conducting polymer based platform for ethanol sensing**
Kekec N. C., Kanik F. E., UDUM Y., GÜNDOĞDU HIZLIATEŞ C., Ergun Y., Toppare L.
SENSORS AND ACTUATORS B-CHEMICAL, vol.193, pp.306-314, 2014 (SCI-Expanded)
- XIII. **Emission Based Sensing of Subnanomolar Dissolved Carbon Dioxide Exploiting Electrospun Nanofibers**
Aydogdu S., ERTEKİN K., Gocmenturk M., Ergun Y., Celik E.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.63, no.4, pp.197-206, 2014 (SCI-Expanded)
- XIV. **Synthesis of new ibuprofen derivatives with their in silico and in vitro cyclooxygenase-2 inhibitions**
GÜNDOĞDU HIZLIATEŞ C., ALYÜRÜK H., Gocmenturk M., Ergun Y., ÇAVAŞ L.
BIOORGANIC CHEMISTRY, vol.52, pp.8-15, 2014 (SCI-Expanded)
- XV. **Determination of Hg(II) at sub-nanomolar levels: A comparative study with nanofibrous materials and continuous thin films**
ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., ÖTER Ö., Ergun Y., Celik E.
SENSORS AND ACTUATORS B-CHEMICAL, vol.181, pp.244-250, 2013 (SCI-Expanded)
- XVI. **Selective sensing of Fe³⁺ at pico-molar level with ethyl cellulose based electrospun nanofibers**
Kacmaz S., ERTEKİN K., Gocmenturk M., Suslu A., Ergun Y., Celik E.
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.4, pp.674-682, 2013 (SCI-Expanded)
- XVII. **Synthesis of Tetrahydrocarbazole Derivatives of the Indol Alkaloids**
Gocmenturk M., Dimici N., Akdag R., GÜNDOĞDU HIZLIATEŞ C., Okay G., Ergun Y.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.6, pp.2493-2496, 2012 (SCI-Expanded)
- XVIII. **Copper ion sensing with fluorescent electrospun nanofibers**
ZEYREK ONGUN M., ERTEKİN K., Gocmenturk M., Ergun Y., Suslu A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.90, pp.177-185, 2012 (SCI-Expanded)

- XIX. **Sub-nanomolar sensing of ionic mercury with polymeric electrospun nanofibers**
Kacmaz S., ERTEKİN K., Suslu A., Ergun Y., Celik E., CÖCEN Ü.
MATERIALS CHEMISTRY AND PHYSICS, vol.133, no.1, pp.547-552, 2012 (SCI-Expanded)
- XX. **Dissolved Carbon Dioxide Sensing with Phenyl-Linked Carbazole Oxazolones in Ionic Liquid and Ethyl Cellulose Moieties**
Celik S., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., Ergun Y., ALP S.
SPECTROSCOPY LETTERS, vol.45, no.1, pp.74-83, 2012 (SCI-Expanded)
- XXI. **Synthesis and Characterization of Carbazolyl-Oxazolones**
GÜNDOĞDU HIZLIATEŞ C., Gocmenturk M., Ergun Y.
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.8, pp.3543-3545, 2011 (SCI-Expanded)
- XXII. **Ethyl 4-oxo-2,3,4,9-tetrahydro-1H-carbazole-3-carboxylate**
GÜNDOĞDU HIZLIATEŞ C., Gocmenturk M., Ergun Y., Tercan B., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.67, 2011 (SCI-Expanded)
- XXIII. **2-(Naphthalen-1-yl)-4-(thiophen-2-ylmethylidene)-1,3-oxazol-5(4H)-one**
GÜNDOĞDU HIZLIATEŞ C., ALP S., Ergun Y., Tercan B., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (SCI-Expanded)
- XXIV. **2-(Naphthalen-1-yl)-4-(naphthalen-1-ylmethylidene)-1,3-oxazol-5(4H)-one**
GÜNDOĞDU HIZLIATEŞ C., ALP S., Ergun Y., Tercan B., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (SCI-Expanded)
- XXV. **Sol-gel encapsulated glucose oxidase arrays based on a pH sensitive fluorescent dye**
Yildirim N., ODACI DEMİRKOL D., Ozturk G., ALP S., Ergun Y., Dornbusch K., Feller K., TİMUR S.
DYES AND PIGMENTS, vol.89, no.2, pp.144-148, 2011 (SCI-Expanded)
- XXVI. **Emission based sub-nanomolar silver sensing with electrospun nanofibers**
Kacmaz S., ERTEKİN K., Suslu A., Ozdemir M., Ergun Y., Celik E., CÖCEN Ü.
SENSORS AND ACTUATORS B-CHEMICAL, vol.153, no.1, pp.205-213, 2011 (SCI-Expanded)
- XXVII. **Development of Fluorescent Array Based on Sol-Gel/Chitosan Encapsulated Acetylcholinesterase and pH Sensitive Oxazol-5-one Derivative**
Ozturk G., Feller K., Dornbusch K., TİMUR S., ALP S., Ergun Y.
JOURNAL OF FLUORESCENCE, vol.21, no.1, pp.161-167, 2011 (SCI-Expanded)
- XXVIII. **Synthesis of Novel Carbazolyl-Oxazolone Derivatives and Their Spectroscopic Properties**
GÜNDOĞDU HIZLIATEŞ C., TOPKAYA TAŞKIRAN D., Ozturk G., ALP S., Ergun Y.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.47, no.6, pp.1450-1453, 2010 (SCI-Expanded)
- XXIX. **11-Butyl-3-methoxy-11H-benzo[a]carbazole**
Ergun Y., GÜNDOĞDU HIZLIATEŞ C., Tercan B., Ermis E., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (SCI-Expanded)
- XXX. **Synthesis of New Precursors for the Carbazole Alkaloids**
Gulle S., Ergun Y.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.7, pp.5517-5522, 2010 (SCI-Expanded)
- XXXI. **Fluorescence study on the interaction of bovine serum albumin with two coumarin derivatives**
Akbağ N., TOPKAYA TAŞKIRAN D., Ergun Y., ALP S., Gök E.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, no.4, pp.382-387, 2010 (SCI-Expanded)
- XXXII. **Synthesis of Tricyclic Derivatives of Antitumor Alkaloid Ellipticine**
Ergun Y., Gulle S., Bilici A. C., Gocmenturk M., Okay G.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.3, pp.1853-1858, 2010 (SCI-Expanded)
- XXXIII. **pH-Driven Fluorescent Switch Behavior of Azometine Dyes in Solid Matrix Materials**
Derinkuyu S., ERTEKİN K., ÖTER Ö., Ergun Y.
SPECTROSCOPY LETTERS, vol.43, no.6, pp.500-512, 2010 (SCI-Expanded)
- XXXIV. **Synthesis and Spectroscopic Studies of 3,6-Diphenyl-2,5-Dihydropyrrolo[3,4-C]Pyrrole-1,4-Dion's N,N'-Dialkyl Derivatives**
Celik S., Ergun Y., ALP S.
JOURNAL OF FLUORESCENCE, vol.19, no.5, pp.829-835, 2009 (SCI-Expanded)

- XXXV. **Electrochemical synthesis and characterization of a new soluble conducting polymer**
UDUM Y., Ergun Y., ŞAHİN Y., PEKMEZ K., Yildiz A.
JOURNAL OF MATERIALS SCIENCE, vol.44, no.12, pp.3148-3155, 2009 (SCI-Expanded)
- XXXVI. **Photochemical Reactions of M(CO)₅ THF (M = Cr, Mo, W) with Salen Type (-ONNO-) Schiff Bases**
SUBAŞI E., KÖSE YAMAN P., KARAHAN GÜLBAY S., Ergun Y.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.39, no.3,
pp.139-143, 2009 (SCI-Expanded)
- XXXVII. **Crystal Structure and Conformational Analysis of 4-[(p-N,N-Dimethylamino) benzylidene]-2-(3,5-dinitrophenyl)oxazole-5-one**
SEVİNÇEK R., Ozturk G., AYGÜN M., Yavuz Ergun M. Y., ALP S., BÜYÜKGÜNGÖR O.
SPECTROSCOPY LETTERS, vol.42, no.1, pp.1-6, 2009 (SCI-Expanded)
- XXXVIII. **Synthesis and spectroscopic properties of new 5-oxazolone derivatives containing an N-phenyl-aza-15-crown-5 moiety**
Ozturk G., ALP S., Ergun Y.
TETRAHEDRON LETTERS, vol.48, no.41, pp.7347-7350, 2007 (SCI-Expanded)
- XXXIX. **A new synthetic route to the synthesis of nordasycarpidone derivatives**
Akdag R., Ergun Y.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.44, no.4, pp.863-866, 2007 (SCI-Expanded)
- XL. **N-(4-Methylbenzyl)-N-(6-methyl-2-pyridyl)benzenesulfonamide**
Çaylak N., Hoেকেlek T., Hasirci S., Erguen Y.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ethyl 4,9-dimethyl-9H-carbazole-3-carboxylate**
ÖNCÜOĞLU S., Dilek N., Çaylak Delibaş N., Ergün Y., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.70, pp.240-247, 2014 (ESCI)
- II. **4,9-Dimethyl-9H-carbazol-3-yl)methanol**
ÖNCÜOĞLU S., Dilek N., Ergün Y., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.70, 2014 (ESCI)
- III. **2-{N-[(2,3,4,9-Tetrahydro-1H-carbazol-3-yl)methyl]methylsulfonamido}ethyl methanesulfonate**
Göçmentürk M., Ergün Y., Mougang-Soume B., Çaylak Delibaş N., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.70, 2014 (ESCI)
- IV. **3,9-Dimethyl-2,3-dihydrospiro[carbazole-1,2'-[1,3]dithiolan]-4(9H)-one**
Gülle S., Çaylak Delibaş N., Ergün Y., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.69, 2013 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE NEW ROUTE TO SYNTHESIS OF NEW DERIVATIVES OF TOPOISOMERASE INHIBITOR ELLIPTICINE DERIVATIVES**
ÖNCÜOĞLU S., ERGÜN M. Y.
7 th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019
- II. **Development of New Generation AT1 Inhibitors Using Multi-scale Molecular Modeling Approaches**
DURDAĞI S., AKSOYDAN B., KANTARCIOĞLU I., EROL İ., SAYIN V. Ö., SALMAN R. E., ERGÜN M. Y., BULUT G.
8th International Theoretical Biophysics Symposium (Spain), 26 - 30 June 2017
- III. **Çok-boyutlu Moleküler Modelleme Yaklaşımları, Sentez ve in vitro Testler ile Yeni-nesil Oksazon ve İmidazon Bazlı AT1 İnhibitörlerinin Geliştirilmesi**
DURDAĞI S., AKSOYDAN B., KANTARCIOĞLU I., EROL İ., SALMAS R. E., ERGÜN M. Y., BULUT G.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017

- IV. **Synthesis of small inhibitors for arp2 3 complex**
ÇAVAŞ L., ERGÜN M. Y.
4th International Drug Design Congress, 13 - 15 October 2016
- V. **Piridokarbazol Türevlerinin Sentezi**
ÖNCÜOĞLU S., ERGÜN M. Y.
4. İlaç Kimyası Kongresi, Turkey, 22 - 25 March 2016
- VI. **Karbazol Amit Türevlerinin Sentezi**
ÖNCÜOĞLU S., ERGÜN M. Y., AKYILDIZ V.
3. İlaç Kimyası Kongresi, Turkey, 19 - 22 March 2015
- VII. **Conducting Polymer Based Efficient Surface Design for the Detection of Cholesterol**
SÖYLEMEZ S., UDUM Y., KESİK M., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y., TOPPARE L. K.
CMBEBİH 2015, 13 - 15 March 2015
- VIII. **Oxygen Sensing Properties of Nano silver Doped Tetraphenylporphyrine Derivatives in Refinery Related**
AY Z., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y., ÇELİK E.
Science and Applications of Thin Films Conference&Exhibition, İzmir, Turkey, 15 - 19 September 2014
- IX. **Mikrokapsülasyon Tekniğiyle Kendi Kendini Onaran Kaplamaların Hazırlanması ve Karakterizasyonu**
Dilaver M., ALTINIŞIK A., ÇELİK E., ERGÜN M. Y., YURDAKOÇ M. K.
IV. Fiziksel Kimya Kongresi, Turkey, 5 - 08 June 2014
- X. **Kendi Kendini Onaran Kaplamaların Üretimi**
Dilaver M., ALTINIŞIK A., ERGÜN M. Y., YURDAKOÇ M. K.
IV. Fiziksel Kimya Kongresi, Turkey, 05 June 2014
- XI. **Pirido 3 2 c karbazol İskeletinin Sentezi**
GÜLLE S., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014
- XII. **A Nano based Optical Sensor for pH Ag I ions prepared by Electrospinning**
KAÇMAZ S., ERTEKİN K., ÖTER Ö., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y., ÇELİK E.
9th Nanoscience and Nanotechnology Conference, Turkey, 24 - 28 June 2013
- XIII. **Multi functional Fluorescent Nanosensor for pH and Ag I ions**
KAÇMAZ S., ERTEKİN K., ÖTER Ö., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y., ÇELİK E.
9th Nanoscience and Nanotechnology Conference, Erzurum, Turkey, 24 - 28 June 2013
- XIV. **Semikarbazon Ligantlarının DMSO Rutenyum Iı Kompleksleri**
KÖSE P., ÖZÇAKIR B., SUBAŞI E., ERGÜN M. Y.
4. Ulusal Anorganik Kimya Kongresi, Turkey, 2 May - 30 June 2013
- XV. **Piridokarbazol İskeletinin Sentezi**
TATLİDEDE D., GÜNDOĞDU HIZLIATEŞ C., GÜLLE S., ERGÜN M. Y.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2013
- XVI. **Hekzahidropirido 4 3 b karbazol 5 on İskeletinin Sentezi**
GÖÇMENTÜRK M., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2013
- XVII. **Tiyosemikarbazon Ligandı İçeren p cymene Rutenyum Iı Komplekslerinin Sentez Ve Karakterizasyonu Synthesis And Characterization Of p Cymene Ruthenium II Complexes Containing Thiosemicarbazone Ligand**
KÖSE P., ÖZTÜRK N., SUBAŞI E., ERGÜN M. Y.
26. Ulusal Kimya Kongresi, Turkey, 1 - 06 October 2012
- XVIII. **New Thiosemicarbazone Ruthenium II Complexes Synthesis And Spectral Characterization**
ÖZTÜRK N., KÖSE P., SUBAŞI E., ERGÜN M. Y.
26. Ulusal Kimya Kongresi, Turkey, 1 - 06 October 2012
- XIX. **Determination of Silver (I), Iron (III) and Mercury (II) Ions at Nanomolar and/or Sub-Nanomolar**

Levels With Nanofibrous Materials and Continuous Thin Films

ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., ÖTER Ö., ERGÜN M. Y., ÇELİK E.

8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012

- XX. **Multiple sensing of Fe (III) and Hg (II) with embedded carbazole derivatives**
ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU L., ÖTER Ö., ERGÜN M. Y., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XXI. **Selective sub nanomolar determination of Fe (III) ions with electrospun nanofibers**
ZEYREK ONGUN M., ERTEKİN K., GÖÇMENTÜRK M., ÖTER Ö., ERGÜN M. Y., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XXII. **Educational use of molecular dockings in drug design a sample study**
Alyürük H., Gündoğdu Hızlıateş C., Göçmentürk M., Ergün M. Y., Çavaş L.
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- XXIII. **3D modelling of the crust subsurfaces and determination of the lineaments of Western Anatolia**
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