

## Prof. Zühal TURGUT

### Personal Information

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### Education Information

Doctorate, Yıldız Technical University, Kimya, Turkey 1989 - 1994

### Research Areas

Chemistry, Organic Chemistry, Chemistry of Aromatic Compounds, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Natural Sciences

### Courses

Organik Kimya 2, Undergraduate, 2018 - 2019

İleri Organik Kimya, Postgraduate, 2018 - 2019

Heterohalkalı Bileşikler Kimyası, Postgraduate, 2018 - 2019

Genel Kimya, Undergraduate, 2018 - 2019

### Advising Theses

Turgut Z., BİYOLOJİK AKTİVİTE İÇEREBİLECEK HETEROHALKALI BİLEŞİKLERİN TEK KAP YÖNTEMİ İLE SENTEZLERİ, Postgraduate, B.PEKTAŞ(Student), 2019

Turgut Z., AZOT İÇEREN HETEROHALKALI BİLEŞİKLERİN TEK-KAP METODU İLE SENTEZLERİ, Postgraduate, D.SAĞLAM(Student), 2018

Turgut Z., ASİMETRİK VİNİL TÜREVLERİNİN SENTEZİ, KARAKTERİZASYONU VE ÇEŞİTLİ UYGULAMALARI, Postgraduate, Z.DEMİR(Student), 2017

TURGUT Z., Değişik Substitue Heteroatom içeren bileşiklerin triflat katalizörlü ve ultrasound destekli sentezleri, Postgraduate, Ö.ELMAS(Student), 2015

TURGUT Z., Farklı Ortamlarda çok bileşenli tek kap Yöntemi ile mannich reaksiyonu, Doctorate, S.Arda(Student), 2012

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

- Synthesis, molecular modeling, and biological evaluation of novel imatinib derivatives as anticancer agents**  
Gunay F., Balta S., Ng Y. Y., Ulucan O., TURGUT Z., GÜNKARA Ö. T.  
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.1, pp.86-144, 2021 (Journal Indexed in SCI)
- Characterization of gamma-ray and neutron radiation absorption properties of synthesized quinoline derivatives and their genotoxic potential**  
Alaylar B., Aygün B., Turhan K., Karadayı G., Şakar E., Singh V., Sayyed M., Pelit E., Karabulut A., Güllüce M., et al.  
Radiation Physics And Chemistry, vol.184, pp.1-12, 2021 (Journal Indexed in SCI)

- III. **Investigation of neutron and gamma radiation protective characteristics of synthesized quinoline derivatives**  
 Aygün B., Alaylar B., Turhan K., Şakar E., Karadayı M., İbrahim A. S. M. , Pelit E., Güllüce M., Karabulut A., Turgut Z., et al.  
 International Journal Of Radiation Biology, vol.97, pp.1-12, 2020 (Journal Indexed in SCI)
- IV. **Novel benzo[b]xanthene derivatives: Bismuth(III) triflate-catalyzed one-pot synthesis, characterization, and acetylcholinesterase, glutathione S-transferase, and butyrylcholinesterase inhibitory properties**  
 Turhan K., Pektaş B., Türkan F., Tuğcu F. T. , Turgut Z., Taslimi P., Karaman H. S. , Gülçin İ.  
 Archiv Der Pharmazie, vol.353, no.5, pp.1-12, 2020 (Journal Indexed in SCI)
- V. **2H-Indazolo[2,1-b]phthalazine-trione derivatives: Inhibition on some metabolic enzymes and molecular docking studies**  
 Taslimi P., Türkan F., Karaman H. S. , Turhan K., Turgut Z., Gülçin İ.  
 Journal Of Heterocyclic Chemistry, vol.57, no.5, pp.3116-3125, 2020 (Journal Indexed in SCI Expanded)
- VI. **Cholinesterases, alpha-glycosidase, and carbonic anhydrase inhibition properties of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives: Synthetic analogues for the treatment of Alzheimer's disease and diabetes mellitus**  
 Taslimi P., TURHAN K., Turkan F., Karaman H. S. , TURGUT Z., GÜLÇİN İ.  
 BIOORGANIC CHEMISTRY, vol.97, 2020 (Journal Indexed in SCI)
- VII. **Efficient One-Pot Synthesis of 2H-indazolo[2,1-b]phthalazine-1,6,11-trione Derivatives Catalyzed by Y(OTf)(3)**  
 Turhan K., Turgut Z.  
 RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.55, pp.250-253, 2019 (Journal Indexed in SCI)
- VIII. **Synthesis of enantiopure aminonaphthol derivatives under conventional/ultrasonic technique and their ring-closure reaction**  
 Pelit E., TURGUT Z.  
 ARABIAN JOURNAL OF CHEMISTRY, vol.9, no.3, pp.421-429, 2016 (Journal Indexed in SCI)
- IX. **(+)-CSA Catalyzed Multicomponent Synthesis of 1-[(1,3-Thiazol-2-ylamino)methyl]-2-naphthols and Their Ring-Closure Reaction under Ultrasonic Irradiation**  
 Pelit E., TURGUT Z.  
 JOURNAL OF CHEMISTRY, 2016 (Journal Indexed in SCI)
- X. **Ultrasonic synthesis, characterization of -aminoketones by bismuth(III) triflate and determination of antigenotoxic properties**  
 Ozturkcan S. A. , TURHAN K., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
 TOXICOLOGY AND INDUSTRIAL HEALTH, vol.31, no.10, pp.911-919, 2015 (Journal Indexed in SCI)
- XI. **Inhibition of the mutagenic effects of N-methyl-N '-nitro-N-nitrosoguanidine and 9-Aminoacridine by indenopyridines in the Salmonella typhimurium tester strain 1537 and E. coli**  
 TURHAN K., Ozturkcan S. A. , TURGUT Z., KARADAYI M., GÜLLÜCE M.  
 DRUG AND CHEMICAL TOXICOLOGY, vol.37, no.4, pp.365-369, 2014 (Journal Indexed in SCI)
- XII. **Three-component aza-Diels-Alder reactions using Yb(OTf)(3) catalyst under conventional/ultrasonic techniques**  
 Pelit E., TURGUT Z.  
 ULTRASONICS SONOCHEMISTRY, vol.21, no.4, pp.1600-1607, 2014 (Journal Indexed in SCI)
- XIII. **Genotoxic and antigenotoxic assessment of four newly synthesized dihydropyridine derivatives**  
 TURHAN K., Ozturkcan S. A. , TURGUT Z., KARADAYI M., Aslan A., GÜLLÜCE M.  
 TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.3, pp.275-283, 2014 (Journal Indexed in SCI)
- XIV. **One-pot Synthesis of Indenonaphthopyrans Catalyzed by Copper(II) Triflate: A Comparative Study of Reflux and Ultrasound Methods**  
 TURHAN K., OZTURKCAN S. A. , ULUER M., TURGUT Z.  
 ACTA CHIMICA SLOVENICA, vol.61, no.3, pp.623-628, 2014 (Journal Indexed in SCI)
- XV. **Protective properties of five newly synthesized cyclic compounds against sodium azide and N-**

**methyl-N'-nitro-N-nitrosoguanidine genotoxicity**

TURHAN K., ÖZTÜRKCAN S. A., TURGUT Z., KARADAYI M., GÜLLÜCE M.

TOXICOLOGY AND INDUSTRIAL HEALTH, vol.28, no.7, pp.605-613, 2012 (Journal Indexed in SCI)

- XVI. **Antigenotoxic properties of two newly synthesized beta-aminoketones against N-methyl-N'-nitro-N-nitrosoguanidine and 9-aminoacridine-induced mutagenesis**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.26, no.7, pp.258-263, 2012 (Journal Indexed in SCI)
- XVII. **Decolorization of textile basic dye in aqueous solution by ozone**  
TURHAN K., Durukan I., Ozturkcan S. A., TURGUT Z.  
DYES AND PIGMENTS, vol.92, no.3, pp.897-901, 2012 (Journal Indexed in SCI)
- XVIII. **Triflates promoted one-pot synthesis of functionalized unsymmetrical new dihydro-1H-indeno[1,2-B]pyridines through Hantzsch reaction under ultrasonic irradiation**  
TURHAN K., Ozturkcan S. A., TURGUT Z.  
Journal of the Chemical Society of Pakistan, vol.34, no.1, pp.94-101, 2012 (Journal Indexed in SCI)
- XIX. **Ultrasound-assisted rapid synthesis of beta-aminoketones with direct-type catalytic Mannich reaction using bismuth(III) triflate in aqueous media at room temperature**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z.  
CHEMICAL PAPERS, vol.66, no.1, pp.61-66, 2012 (Journal Indexed in SCI)
- XX. **Synthesis and Characterizations of New 1,3-Oxazine Derivatives**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.33, no.6, pp.939-944, 2011 (Journal Indexed in SCI)
- XXI. **Treatment and degradability of direct dyes in textile wastewater by ozonation: A laboratory investigation**  
TURHAN K., TURGUT Z.  
DESALINATION AND WATER TREATMENT, vol.11, pp.184-191, 2009 (Journal Indexed in SCI)
- XXII. **Decolorization of direct dye in textile wastewater by ozonation in a semi-batch bubble column reactor**  
TURHAN K., TURGUT Z.  
DESALINATION, vol.242, pp.256-263, 2009 (Journal Indexed in SCI)
- XXIII. **Aza-Diels-Alder Reactions with Lanthanide Triflates: Syntheses of Quinoline and Phenanthridine Derivatives**  
TURHAN K., PELIT E., TURGUT Z.  
SYNTHETIC COMMUNICATIONS, vol.39, no.10, pp.1729-1741, 2009 (Journal Indexed in SCI)
- XXIV. **An annelated thioxanthone as a new Type II initiator**  
Balta D., CETINER N., TEMEL G., TURGUT Z., ARSU N.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.199, pp.316-321, 2008 (Journal Indexed in SCI)
- XXV. **1,3-Di-3-pyridyl-2,3-dihydro-1H-naphth[1,2-e][1,3]oxazine**  
Sen B., TURGUT Z., Pelit E., Aygun M.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.64, 2008 (Journal Indexed in SCI)
- XXVI. **Synthesis of new pyrazolothiazole derivatives from 4-thiazolidinones**  
Turgut Z., Yolacan C., Aydogan F., Bagdatli E., Ocal N.  
MOLECULES, vol.12, no.9, pp.2151-2159, 2007 (Journal Indexed in SCI)
- XXVII. **Reducing chemical oxygen demand and decolorization of direct dye from synthetic textile wastewater by ozonation in a batch bubble column reactor**  
TURHAN K., TURGUT Z.  
Fresenius Environmental Bulletin, vol.16, pp.821-825, 2007 (Journal Indexed in SCI Expanded)
- XXVIII. **Synthesis of new 1,3-disubstituted-2,3-dihydro-1H-naphth-[1,2e][1,3]oxazines**  
Turgut Z., Pelit E., Koycu A.  
MOLECULES, vol.12, no.3, pp.345-352, 2007 (Journal Indexed in SCI)

- XXIX. **Synthesis of some furo-thiazolidine derivatives starting from aldimines**  
Ocal N., AYDOĞAN F., Yolaçan Ç., Turgut Z.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.40, no.4, pp.721-724, 2003 (Journal Indexed in SCI)
- XXX. **Reactions of 1,4-dianion of methyl 2-thienyl ketone N-ethoxycarbonylhydrazone with derivatives of carboxylic acids, and the synthesis of pyrazolotriazin-7-ones**  
Turgut Z., Ocal N.  
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.38, no.4, pp.602-605, 2002 (Journal Indexed in SCI)
- XXXI. **Synthesis and electronic structure of new aryl- and alkyl-substituted 1,3,4-oxadiazole-2-thione derivatives**  
AYDOĞAN F., Turgut Z., Öcal N., Erdem S.  
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.2, pp.159-169, 2002 (Journal Indexed in SCI)
- XXXII. **Transformations of aldimines derived from pyrrole-2-carbaldehyde. Synthesis of thiazolidino-fused compounds**  
AYDOĞAN F., Öcal N., Turgut Z., Yolaçan Ç.  
BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.22, no.5, pp.476-480, 2001 (Journal Indexed in SCI)
- XXXIII. **4-Ethoxy-N-(6-methylquinolin-2-ylmethylene)aniline**  
Aygün M., Isik S., Turgut Z., Ozbey S., Kendi E.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.55, pp.1689-1690, 1999 (Journal Indexed in SCI)
- XXXIV. **Reactions of the dianion obtained by reductive metallation of 3,4-diphenylcinnoline**  
Ocal N., Turgut Z., Kaban S.  
MONATSHFTE FÜR CHEMIE, vol.130, no.7, pp.915-920, 1999 (Journal Indexed in SCI)
- XXXV. **Reductive metallation of 6-methyl-2,3-diphenylquinoxaline. Synthesis of 1,4-dihydro-1,4-diazine derivatives**  
Ocal N., Turgut Z., Kaban S.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.35, no.6, pp.1349-1351, 1998 (Journal Indexed in SCI)
- XXXVI. **Allylation and heterocycloaddition reactions of aldimines: Furan- and quinolinecarboxaldehydes**  
Kouznetsov V., Ocal N., Turgut Z., Zubkov F., Kaban S., Varlamov A.  
MONATSHFTE FÜR CHEMIE, vol.129, pp.671-677, 1998 (Journal Indexed in SCI)
- XXXVII. **SYNTHESIS OF SCHIFF-BASES BY CONDENSATION OF HETARYLCARBOXALDEHYDES WITH PARAPHENETIDINE**  
KABAN S., FIDANER Z.  
MONATSHFTE FÜR CHEMIE, vol.121, pp.525-528, 1990 (Journal Indexed in SCI)

### Articles Published in Other Journals

- One pot Synthesis of 1H benzo f chromen 2 yl phenyl methanone Derivatives in the Presence of Copper Triflate as Catalyst Using Ultrasonic**  
ZELEKE T. Y., TURHAN K., TURGUT Z.  
American Chemical Science Journal, vol.13, pp.1-8, 2016 (Refereed Journals of Other Institutions)

### Books & Book Chapters

- Synthesis of 2,4-Disubstituted-3,4-Dihydro-2H-Naphth[2,1-e][1,3]Oxazines**  
Turgut Z., Pelit E., Turhan K.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag, Dordrecht, pp.343-346, 2009

### Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of pyrazolo[3,4-b]pyridine and pyrido[2,3-d]pyrimidine derivatives**  
SEZER T., TURHAN K., TURGUT Z.  
23rd JCF-Frühjahrssymposium 2021, Germany, 29 March 2021
- II. **A green multicomponent synthesis of pyrimido[4,5-b]quinoline derivatives**  
TURHAN K., TURGUT Z.  
2nd International Eurasian Conference on Science, Engineering and Technology, 7 - 09 October 2020
- III. **SYNTHESIS OF ASYMMETRIC VINYL DERIVATIVES, CHARACTERIZATION AND VARIOUS APPLICATIONS**  
Yörür Göreci Ç., Demir Z., Turgut Z.  
Uluslararası Marmara Fen Bilimleri Kongresi IMASCON 2019 Güz, Kocaeli, Turkey, 1 - 03 November 2019, pp.71
- IV. **Yeni İmatinib Türevlerinin Sentezi ve Biyolojik Aktivite Çalışmaları**  
GÜNAY F., GÜNKARA Ö. T., Balta S., Turgut Z., NG Y. Y.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, no.1
- V. **Anti-Genotoxic Potential and Ultrasound-assisted Synthesis of Various  $\beta$ -Amino Ketones**  
Turgut Z., Öztürkcan S. A.  
Chemistry of Nitrogen Containing Heterocycles in memoramof Prof. Valeriy Orlov, Kharkiv, Ukraine, 12 - 16 November 2018, pp.121
- VI. **Biyolojik aktivite içerebilecek heterohalkalı bileşiklerin tek kap yöntemi kullanarak triflat katalizörlü sentezleri**  
Turgut Z., Pektaş B.  
2. ULUSAL MARMARA ECZACILIK KONGRESİ (UMEK-2018), İstanbul, Turkey, 14 - 16 November 2018, pp.151
- VII. **Triflat Catalyzed One-pot Synthesis of Benzo[b]xanthenes Derivatives**  
Turgut Z., Pektaş B.  
4.th Organic Chemistry Congress with International Participation , Antalya, Turkey, 4 - 07 October 2018, pp.89
- VIII. **Deniz Sağlam , Zuhul Turgut, Triflat Catalyzed Synthesis of Pyrido[2,3-d]pyrimidines via One-pot Reaction**  
SAĞLAM D., TURGUT Z.  
Uluslararası Katılımlı 6. İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 March 2018, pp.54
- IX. **Bismuth Triflate Catalyzed One-pot Multicomponent Synthesis of Hexahydropyrimidines and Their Spiro Analogues**  
TURGUT Z., TURHAN K.  
ITWCCST 2017, 10 - 13 September 2017
- X. **Bismuth Triflate Catalyzed One-pot Multicomponent Synthesis of Hexahydropyrimidines and Their Spiro Analogues**  
TURGUT Z., TURHAN K.  
3rd International Turkic World Conference on Chemical Sciences Technologies, ITWCCST – 2017, 10-13 September 2017, Baku / Azerbaijan, 10 - 13 September 2017
- XI. **Triflat Catalyzed Synthesis of Pyrido[2,3-d]pyrimidines via One-pot Reaction**  
TURGUT Z., SAĞLAM D., TURHAN K.  
ITWCCST 2017, 10 - 13 September 2017
- XII. **Triflat Catalyzed Synthesis of Pyrido[2,3-d]pyrimidines via One-pot Reaction**  
TURGUT Z., SAĞLAM D., TURHAN K.  
3rd International Turkic World Conference on Chemical Sciences Technologies, ITWCCST – 2017, 10-13 September 2017, Baku / Azerbaijan, 10 - 13 September 2017
- XIII. **Petrol rafinasyonu, akaryakıt kalite kontrol analizleri ve değerlendirilmesi.**  
UZUNHASANOĞLU E., TURHAN K., TURGUT Z.  
8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 May 2017
- XIV. **Petrol rafinasyonu, akaryakıt kalite kontrol analizleri ve değerlendirilmesi**  
UZUNHASANOĞLU E., TURHAN K., TURGUT Z.  
8. Ulusal Kimya Öğrenci Kongresi, Turkey, 16 - 18 May 2017

- XV. **SPECTROSCOPIC INVESTIGATIONS OF 7-AMINO-1,3-DIMETHYL-5-(4-NITROPHENYL)-2,4-DIOXO-1,2,3,4-TETRAHYDROPYRIDO[2,3]PYRIMIDINE-6-CARBONITRILE**  
TURHAN K., TURGUT Z.  
19. JCF-Frühjahrssymposium, Mainz, Germany, 29 March 2017, pp.124
- XVI. **Triflat Katalizörlü Değişik Substitue Pirimidin Sentezleri**  
TURHAN K., TURGUT Z.  
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 05 September 2016, pp.91
- XVII. **One-pot Synthesis of Various Pyrimidine Derivatives Using Yb(OTf)<sub>3</sub> Catalyst Under Ultrasonic Technique**  
TURHAN K., TURGUT Z.  
International Congress on Fundamental and Applied Sciences- ICFAS 2016, İstanbul, Turkey, 22 August 2016, pp.36
- XVIII. **Removal of Disperse Yellow 163 Dye in Textile Wastewaters by Ozone**  
TURHAN K., TURGUT Z.  
18th JCF Frühjahrssymposium, Kiel, Germany, 16 March 2016, pp.108
- XIX. **One Pot Synthesis of Indeno 1 2 b Quinoline 7 one Derivatives by Triflate**  
TURGUT Z., ELMAS Ö., TURHAN K.  
1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015
- XX. **Removal of Disperse Dyes in Textile Wastewaters**  
TURHAN K., TURGUT Z.  
17th JCF Frühjahrssymposium, Münster, Germany, 25 March 2015, pp.82
- XXI. **Spectroscopic Investigations of Aromatic 2H-indazolo[2,1b]phtalazine-triones**  
TURHAN K., SENCER Y., TURGUT Z.  
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 September 2014, pp.249
- XXII. **Spectroscopic Investigations of Ethyl 4-(4-cyanophenyl)-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**  
TURHAN K., PELİT E., ÇETİN İ., TURGUT Z.  
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 September 2014, pp.250
- XXIII. **Triflate Catalyzed Multicomponent Reactions for Synthesis of Functionalized Tetrahydropyridines**  
TURHAN K., TURGUT Z., DÜRÜST O. R.  
16th JCF-Frühjahrssymposium, Jena, Germany, 26 March 2014, pp.71
- XXIV. **Triflat Katalizörlü ve Tek kap yöntemi ile Substitue Ftalazin-trion Bileşiklerinin ultrason Destekli Sentezleri**  
TURGUT Z., TURHAN K., PELİT E.  
1. Ulusal Organik Kimya Kongresi, Turkey, 25 - 29 October 2013
- XXV. **Ultrasound-assisted Synthesis of Naphtapyranes Catalyzed by Copper Triflate**  
TURHAN K., ÖZTÜRKCAN S. A., TURGUT Z.  
15. JCF Frühjahrssymposium, Berlin, Germany, 06 September 2013, pp.120
- XXVI. **Ultrasound Promoted One-pot Three-Component Synthesis of Aminonaphthols and Aminoalkyl Naphthols**  
PELİT E., TURGUT Z., TURHAN K.  
IUPAC 44th World Chemistry Congress, 11 - 16 August 2013
- XXVII. **Ultrasound Promoted One-pot Three- Component Synthesis of Aminonaphthols and Aminoalkyl Naphthols**  
TURGUT Z., Turhan K.  
IUPAC, 01 August 2013
- XXVIII. **One-pot Synthesis of Aromatic 2H-indazolo[2,1-b]phtalazine-triones catalyzed by triflates under solvent-free conditios**  
TURHAN K., ÖZTÜRKCAN S. A., TURGUT Z.  
ESOC2013 European Symposium on Organic Chemistry, Marsilya, France, 07 July 2013, pp.118

- XXIX. **Decolourization of Textile Dye with Ozonization in Aqueous Solution**  
TURHAN K., ÖZTÜRKCAN S. A. , TURGUT Z.  
International Paint and Coating Industry, Raw Materials, Auxiliary Products Exhibition and Congress, İstanbul, Turkey, 13 September 2012, pp.85
- XXX. **"Decolourization of Textile Dye with Ozonization in Aqueous Solution", International Paint and Coating Industry, Raw Materials, Auxiliary Products Exhibition and Congress,**  
Öztürkcan S. A. , TURGUT Z.  
International Paint and Coating Industry, Raw Materials, Auxiliary Products Exhibition and Congress, p.85 (2012), 01 September 2012
- XXXI. **Tekstil Endüstrisinde Kullanılan Boyarmaddelerin Atıksularının Ozon ile Renginin Giderilmesinin Spektroskopik Yöntemle Belirlenmesi**  
TURHAN K., ÖZTÜRKCAN S. A. , TURGUT Z.  
III. Fiziksel Kimya Günleri, Turkey, 12 - 15 July 2012
- XXXII. **Henry Reaction by Ultrasound-Assisted, International Conference on Materials and Technologies for Green Chemistry**  
ÖZTÜRKCAN S. A. , TURHAN K., TURGUT Z.  
Jointly with Workshop of Cost Action CM0903 (UBIOCHEM-II), 5 - 09 September 2011
- XXXIII. **Ultrasound-Assisted Rapid synthesis of  $\alpha$ -Amino Ketones with Direct Type Catalytic Mannich Reaction Using Bismuth Triflate in Aqueous Media at Room Temperature**  
TURHAN K., ÖZTÜRKCAN S. A. , TURGUT Z.  
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- XXXIV. **Triton X-100 Sulu Misel Ortamda Bizmut Triflat Katalizörü Kullanarak Mannich Reaksiyonu ile  $\alpha$ -Aminoketon Sentezi**  
TURGUT Z., ÖZTÜRKCAN S. A. , TURHAN K.  
Uluslararası Katılımlı XXV. Ulusal Kimya Kongresi, Turkey, 29 June - 02 July 2011
- XXXV. **Tek Kap Yöntemi ile Naftapiran Türevlerinin Sentezi**  
ÖZTÜRKCAN S. A. , TURHAN K., TURGUT Z.  
Uluslararası Katılımlı XXV. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011
- XXXVI. **UÇAK PİSTLERİNDE ASFALT DAYANIKLILIĞININ ARTTIRILMASI**  
KEYF S., AKYOL E., KÜÇÜK İ., TURGUT Z.  
HAVA HARP OKULU BİLİM ŞENLİĞİ, 01 May 2011
- XXXVII. **Structure Characterizations of New Dihydropyridine Derivatives**  
TURHAN K., ÖZTÜRKCAN S. A. , TURGUT Z.  
7th Aegean Analytical Chemistry Days, International Conference, Lesvos, Greece, 29 September 2010, pp.110
- XXXVIII. **Triflate Catalyzed One-pot Synthesis of Xanthenes and Spectroscopic Properties**  
TURHAN K., ÖZTÜRKCAN S. A. , AFACAN A., TURGUT Z.  
7th Aegean Analytical Chemistry Days, International Conference, Lesvos, Greece, 29 September 2010, pp.112
- XXXIX. **Mutagenic and Antimutagenic Activity of Nitrogen and Oxygen Containing in Various New Substituted Cyclic Compounds**  
TURHAN K., ÖZTÜRKCAN S. A. , TURGUT Z., ASLAN A., GÜLLÜCE M.  
4th International Meeting on Medicinal and Pharmaceutical Chemistry-6th International Symposium on Pharmaceutical Chemistry, IMMPC-ISPC Joint Meeting, Ankara, Turkey, 30 September 2010, pp.110
- XL. **Removal of Color from Textile Wastewater Containing Azo Dye by Ozone**  
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