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Kişisel Bilgiler

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Birimi : FİZİKOKİMYA

Dahili : -

Makaleler (YOKSIS)

- 1 A dual functional material: Spirulina Platensis waste-supported Pd-Co catalyst as a novel promising supercapacitor electrode**
ELMA KARAKAŞ DUYGU, AKDEMİR MURAT, ATABANI ABDULAZİZ MOHAMED, KAYA MUSTAFA
Fuel, <http://dx.doi.org/10.1016/j.fuel.2021.121334>
- 2 A new efficient bis phosphinite ruthenium II catalyst system for the asymmetric transfer hydrogenation of aromatic ketones**
DURAP FEYYAZ, AYDEMİR MURAT, BAYSAL AKIN, ELMA KARAKAŞ DUYGU, AK BÜNYAMİN, TURGUT YILMAZ
Inorganica Chimica Acta, <http://linkinghub.elsevier.com/retrieve/pii/S0020169313006415>
- 3 A novel cost-effective catalyst from orange peel waste protonated with phosphoric acid for hydrogen generation from methanolysis of NaBH₄**
ELMA KARAKAŞ DUYGU
International Journal of Hydrogen Energy, <https://www.sciencedirect.com/science/article/pii/S0360319921036041>
- 4 Application of Half Sandwich Metal Phosphinite Compounds to Biological Activities: Determine the energies of the HOMO and LUMO levels**
MERİÇ NERMİN, Rafikova, Khadichakhan, Zazybin Alexey, GÜZEL REMZİYE, KAYAN CEZMİ, ELMA KARAKAŞ DUYGU, DÜNDAR ABDURRAHMAN, ISLAM Şolpan, AYDEMİR MURAT, OKUMUŞ VEYSİ
Wiley, <http://dx.doi.org/10.1002/zaac.202200126>
- 5 Asymmetric transfer hydrogenation of alkyl aryl or alkyl methyl ketones catalyzed by known C₂ symmetric ferrocenyl based chiral bis phosphinite Ru II Rh I and Ir III complexes**
DURAP FEYYAZ, ELMA KARAKAŞ DUYGU, AK BÜNYAMİN, BAYSAL AKIN, AYDEMİR MURAT
Journal of Organometallic Chemistry, <http://linkinghub.elsevier.com/retrieve/pii/S0022328X16302492>
- 6 Biomass-based metal-free catalyst as a promising supercapacitor electrode for energy storage**
ELMA KARAKAŞ DUYGU, AKDEMİR MURAT, Imanova Gunel T., DEMİR KIVRAK HİLAL, HOROZ SABİT, KAYA MUSTAFA
Journal of Materials Science: Materials in Electronics, <http://dx.doi.org/10.1007/s10854-022-08669-w>

- 6
- 7 **Catalytic activities of a biomaterial (sumac) catalyst in sodium borohydride methanolysis reactions**
ELMA KARAKAŞ DUYGU, KAYA MUSTAFA, HOROZ SABİT
Elsevier BV, <http://dx.doi.org/10.1016/j.molstruc.2022.134276>
- 8 **Chiral C₂-symmetric η⁶-p-cymene-Ru(II)-phosphinite complexes: Synthesis and catalytic activity in asymmetric reduction of aromatic, methyl alkyl and alkyl/aryl ketones**
ELMA KARAKAŞ DUYGU, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
Inorganica Chimica Acta, <https://linkinghub.elsevier.com/retrieve/pii/S0020169317313087>
- 9 **Chiral phosphinites as efficient ligands for enantioselective Ru(II), Rh(I) and Ir(III)-catalyzed transfer hydrogenation reactions**
BAYSAL AKIN, ELMA KARAKAŞ DUYGU, MERİÇ NERMİN, Ak Bünyamin, AYDEMİR MURAT, DURAP FEYYAZ
TRANSITION METAL CHEMISTRY, <https://www.webofscience.com/wos/woscc/full-record/WOS:000399456900011>
- 10 **Defatted spent coffee grounds-supported cobalt catalyst as a promising supercapacitor electrode for hydrogen production and energy storage**
ELMA KARAKAŞ DUYGU, AKDEMİR MURAT, ATELGE MUHAMMED RAŞİT, KAYA MUSTAFA, ATABANI ABDULAZİZ MOHAMED
Springer Science and Business Media LLC, <http://dx.doi.org/10.1007/s10098-021-02164-2>
- 11 **Efficient hydrogen generation from the NaBH₄ methanolysis by waste material: banana peel**
ELMA KARAKAŞ DUYGU, KAYA MUSTAFA, HOROZ SABİT
Carbon Letters, <http://dx.doi.org/10.1007/s42823-022-00391-1>
- 12 **Ferrocene based chiral binuclear η^{sup6}/sup⁶-benzene-Ru(II)-phosphinite complexes: Synthesis, characterization and catalytic activity in asymmetric reduction of ketones/title**
Y W ABDLHMED ALBAYATİ, ELMA KARAKAŞ DUYGU, MERİÇ NERMİN, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
Applied Organometallic Chemistry, <http://doi.wiley.com/10.1002/aoc.3919>
- 13 **HCl ile Muamele Edilmiş Mısır Sapı Destekli-Zn Katalizörünün Hidrojen Üretimine Etkisinin Araştırılması**
ELMA KARAKAŞ DUYGU
European Journal of Science and Technology, <http://dx.doi.org/10.31590/ejosat.759605>
- 14 **Highly efficient iridium catalysts based on C₂ symmetric ferrocenyl phosphinite ligands for asymmetric transfer hydrogenations of aromatic ketones**
AK BÜNYAMİN, AYDEMİR MURAT, DURAP FEYYAZ, MERİÇ NERMİN, ELMA KARAKAŞ DUYGU, BAYSAL AKIN
Tetrahedron: Asymmetry,
- 15 **Ketone transfer hydrogenation reactions catalyzed by catalysts based on a phosphinite ligand**
ELMA KARAKAŞ DUYGU, Rafikova Khadichakhan, BAYSAL AKIN, MERİÇ NERMİN, Zazybin Alexey, KAYAN CEZMİ, IŞIK UĞUR, Saparbaykyzy Islam Sholpan, DURAP FEYYAZ, AYDEMİR MURAT
Journal of Coordination Chemistry, <http://dx.doi.org/10.1080/00958972.2022.2054339>
- 16 **Nar kabuğu destekli NH₂/PdMnAg katalizörü varlığında sodyum bor hidrürün metanolizinin araştırılması**
ELMA KARAKAŞ DUYGU

- 16 Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi,<http://dx.doi.org/10.25092/baunfbed.828654>
- 17 **New bifunctional carbon material of metal-free pomegranate peel catalyst and supercapacitor for highly efficient hydrogen production and energy storage**
ELMA KARAKAŞ DUYGU
INTERNATIONAL JOURNAL OF ENERGY RESEARCH,<http://dx.doi.org/10.1002/er.7294>
- 18 **New C2 symmetric chiral phosphinite ligands based on amino alcohol scaffolds and their use in the ruthenium catalysed asymmetric transfer hydrogenation of aromatic ketones**
DURAP FEYYAZ, AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, BAYSAL AKIN, TURGUT YILMAZ
Comptes Rendus Chimie,<http://linkinghub.elsevier.com/retrieve/pii/S1631074812003116>
- 19 **New chiral ruthenium II phosphinite complexes containing a ferrocenyl group in enantioselective transfer hydrogenations of aromatic ketones**
ak bünyamin, ELMA KARAKAŞ DUYGU, MERİÇ NERMİN, KAYAN CEZMİ, Işık uğur, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
Tetrahedron: Asymmetry,<http://linkinghub.elsevier.com/retrieve/pii/S0957416613003868>
- 20 **Novel ruthenium and palladium complexes as potential anticancer molecules on SCLC and NSCLC cell lines**
TOKGÜN ONUR, ELMA KARAKAŞ DUYGU, TAN SEMİH, KARAGÜR EGE RIZA, İNAL BEHCET, AKÇA HAKAN, DURAP FEYYAZ, BAYSAL AKIN, AYDEMİR MURAT
Chemical Papers,<http://dx.doi.org/10.1007/s11696-020-01129-x>
- 21 **p HEMA Pd II and p HEMA MAH Pd II Microspheres Efficient Recyclable and Ligand Free Catalyst for Suzuki Miyaura Cross Coupling Reaction in Water**
DURAP FEYYAZ, BAYSAL AKIN, ELMA KARAKAŞ DUYGU, AYDEMİR MURAT, Ok Özge, BAYSAL ZÜBEYDE
Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry,<http://www.tandfonline.com/doi/full/10.1080/15533174.2015.1136954>
- 22 **Ruthenium rhodium and iridium complexes of the furfuryl 2 N diphenylphosphino methylamine ligand Molecular structure and catalytic activity**
KAYAN CEZMİ, MERİÇ NERMİN, AYDEMİR MURAT, BAYSAL AKIN, ELMA KARAKAŞ DUYGU, AK Bünyamin, ŞAHİN ERTAN, GÜRBÜZ NEVİN, ÖZDEMİR İSMAİL
Polyhedron,<http://linkinghub.elsevier.com/retrieve/pii/S0277538712002835>
- 23 **Screening of C2 symmetric chiral phosphinites as ligands for ruthenium II catalyzed asymmetric transfer hydrogenation of prochiral aromatic ketones**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, AYDEMİR MURAT, BAYSAL AKIN, MERİÇ NERMİN, ak bünyamin, yılmaz turgut, GÜMGÜM BAHATTİN
Journal of Organometallic Chemistry,<http://linkinghub.elsevier.com/retrieve/pii/S0022328X13000338>
- 24 **SYNTHESIS OF NOVEL BIS(PHOSPHINO)AMINE-RUII(ACAC)2 COMPLEXES, AND INVESTIGATION OF CATALYTIC ACTIVITY IN TRANSFER HYDROGENATION**
ELMA KARAKAŞ DUYGU, IŞIK UĞUR, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
Middle East Journal of Science,<http://dx.doi.org/10.51477/mejs.1180235>
- 25 **Synthesis characterization and first application of chiral asymmetric bis phosphinite Pd II complexes as catalysts in asymmetric intermolecular Heck reactions**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, AYDEMİR MURAT, BAYSAL AKIN
Applied Organometallic Chemistry,<http://doi.wiley.com/10.1002/aoc.3416>
- 26 **Synthesis of a dual-functionalized carbon-based material as catalyst and supercapacitor for efficient hydrogen production and energy storage: Pd-supported pomegranate peel**

- 26 AKDEMİR MURAT, ELMA KARAKAŞ DUYGU, KAYA MUSTAFA
ENERGY STORAGE, <https://onlinelibrary.wiley.com/doi/full/10.1002/est2.284>
- 27 **Synthesis of clay based superabsorbent composite and its sorption capability**
BULUT YASEMİN, Gülten Akçay, ELMA KARAKAŞ DUYGU, SERHATLI İBRAHİM ERSİN
Journal of Hazardous Materials, <http://linkinghub.elsevier.com/retrieve/pii/S0304389409009819>
- 28 **The dual functionality of Zn@BP catalyst: methanolysis and supercapacitor**
ELMA KARAKAŞ DUYGU, AKDEMİR MURAT, KAYA MUSTAFA, HOROZ SABİT, YAŞAR FEVZİ
Journal of Materials Science: Materials in Electronics, <http://dx.doi.org/10.1007/s10854-022-08283-w>
- 29 **The effects of plasma treatment on electrochemical activity of Co–B–P catalyst for hydrogen production by hydrolysis of NaBH₄**
ŞAHİN ÖMER, ELMA KARAKAŞ DUYGU, KAYA MUSTAFA, SAKA CAFER
Journal of the Energy Institute, <http://linkinghub.elsevier.com/retrieve/pii/S174396711630023X>
- 30 **Transfer hydrogenation reaction using novel ionic liquid based Rh I and Ir III phosphinite complexes as catalyst**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, BAYSAL AKIN, OCAK YUSUF SELİM, Rafikova Khadichakhan, ÇAVUŞ KAYA EDA, Zazybin Alexey, TEMEL HAMDİ, KAYAN CEZMİ, MERİÇ NERMİN, AYDEMİR MURAT
Journal of Organometallic Chemistry, <http://linkinghub.elsevier.com/retrieve/pii/S0022328X16303825>

Bildiriler (YOKSIS)

- 1 **3 3 Bis difenilfosfinoamin 2 2 bipridin ve 3 3 bis difenilfosfinit 2 2 bipridin ligandlarının Ru II komplekslerinin sentezi karakterizasyonu ve aromatik ketonların transfer hidrojenasyonda kullanılması**
AYDEMİR MURAT, BAYSAL AKIN, MERİÇ NERMİN, ELMA KARAKAŞ DUYGU, GÜMGÜM BAHATTİN
II. Ulusal Anorganik Kimya Kongresi ,
- 2 **A NOVEL METAL-FREE CATALYST FROM ORANGE PEEL WASTE PROTONATED WITH PHOSPHORIC ACID FOR HYDROGEN GENERATION FROM METHANOLYSIS OF NABH₄**
ELMA KARAKAŞ DUYGU
15th INTERNATIONAL COMBUSTION SYMPOSIUM , <https://drive.google.com/file/d/1CYY-k7UEejNKpnK87xrxx7F2ssGHADNd/view>
- 3 **Aminofosfin ligandları İçeren Bazı Geçiş Metal Komplekslerinin Asetofenon Türevlerinin Transfer Hidrojenasyonda Kullanılması**
AYDEMİR MURAT, BAYSAL AKIN, MERİÇ NERMİN, DURAP FEYYAZ, ELMA KARAKAŞ DUYGU, TURGUT YILMAZ, GÜMGÜM BAHATTİN
24. Ulusal Kimya Kongresi ,
- 4 **Asimetrik Transfer Hidrojenasyon Reaksiyonlarında Kullanılmak Üzere Ferrosen Temelli Kiral Fosfinit Ligandlarının İridyum III Komplekslerinin Modüler Dizaynı**
AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, MERİÇ NERMİN, DURAP FEYYAZ, BAYSAL AKIN
V. Ulusal Anorganik Kimya Kongresi ,
- 5 **Benzen Temelli C₂ simetrik Kiral bis fosfinit Ligandların Modüler Dizaynı**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, AYDEMİR MURAT, AK Bünyamin, MERİÇ NERMİN, BAYSAL AKIN, TURGUT YILMAZ
27 ulusal kimya kongresi ,

6 Biomass Doped Ni As A Green Catalyst For Hydrogen Production By Degradation Of Methanolysis Reaction

ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, KAYA MUSTAFA, HOROZ SABİT, Imanova Gunel
13th International Scientific and Practical Internet Conference , <http://www.wayscience.com/en/13th-conference-18-19-october-2021/>

7 C2 simetrisine Sahip Piridin Temelli Yeni Kiral bis fosfinit Ligandların Modüler Dizaynı

ELMA KARAKAŞ DUYGU,DURAP FEYYAZ,AYDEMİR MURAT,MERİÇ NERMİN,Ak Bünyamin,KAYAN CEZMİ,BAYSAL AKIN,TURGUT YILMAZ
V. Ulusal Anorganik Kimya Kongresi ,

8 C2 simetrisine Sahip Piridin Temelli Yeni Kiral bis fosfinit Ligandların Ru II Komplekslerinin Sentezi ve Tanımlanması

ELMA KARAKAŞ DUYGU,DURAP FEYYAZ,AYDEMİR MURAT,BAYSAL AKIN,TURGUT YILMAZ
V. Ulusal Anorganik Kimya Kongresi ,

9 C2 Simetrik Kiral Bis fosfinit Ligandların Modüler Dizaynı

ELMA KARAKAŞ DUYGU,AYDEMİR MURAT,DURAP FEYYAZ,BAYSAL AKIN,KAYAN CEZMİ,TURGUT YILMAZ
25. Ulusal Kimya Kongresi ,

10 C2 Simetrik Kiral Bisfosfinit Ligandların Geçiş Metal Komplekslerinin Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinlikler

KAYAN CEZMİ, Ak Bünyamin, Elma Duygu, OK Fatih, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
1. Ulusal Kataliz Yaz Okulu, 3. Anadolu Kataliz Okulu ,

11 C2 Simetrisine Sahip Yeni Kiral Fosfinit Ligandlarının Modüler Dizaynı

ELMA KARAKAŞ DUYGU,BAYSAL AKIN,DURAP FEYYAZ,AYDEMİR MURAT,MERİÇ NERMİN,KAYAN CEZMİ
III. Ulusal Anorganik Kimya Kongresi ,

12 C2 symmetric chiral bis phosphinite Ru II complexes as catalyst for the asymmetric transfer hydrogenation of aromatic ketones optimization studies and catalytic activity

ELMA KARAKAŞ DUYGU,DURAP FEYYAZ
Third International Conference On New Trends In Chemometrics And Applications ,

13 Catalytic Activity of Cationic Rhodium Complexes of bis (phosphinoamine) Type Ligand in Transfer Hydrogenation of Ketones

ELMA Duygu, MERİÇ NERMİN, OK Fatih, AYDEMİR MURAT, BAYSAL AKIN
26. Ulusal Kimya Kongresi ,

14 Chiral Bis(phosphinite)-Ru(II) Complexes and Their Catalytic Activity in Asymmetric Transfer Hydrogenation

DURAP FEYYAZ,AYDEMİR MURAT,ELMA KARAKAŞ DUYGU,BAYSAL AKIN,ARSLAN NEVİN
IV. IMCOFE INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA ,

15 Chiral C2-Symmetric Bis(phosphinite)-Ru (II) Complexes As Catalysts For Asymmetric Transfer Hydrogenation Reactions

BAYSAL AKIN,AYDEMİR MURAT,ELMA KARAKAŞ DUYGU,DURAP FEYYAZ,ARSLAN NEVİN
IV. IMCOFE INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA ,

16 Chiral imine based Ru II bis phosphinite complexes and investigation of their catalytic activity

SALEH NAJMUDDAIN A,SÜNKÜR MURAT,AYDEMİR MURAT,ELMA KARAKAŞ DUYGU,MERİÇ NERMİN,KAYAN CEZMİ,DURAP FEYYAZ,BAYSAL AKIN

28. Ulusal Kimya Kongresi ,

17 Chiral Phosphinite Ruthenium II Complexes Synthesis Characterization and Catalytic Properties in Transfer Hydrogenation of Aromatic Ketones

BAYSAL AKIN,AYDEMİR MURAT,DURAP FEYYAZ,ELMA KARAKAŞ DUYGU,MERİÇ NERMİN,AK Bünyamin

XIth Netherlands Catalysis and Chemistry Conference ,

18 Ferrosen İçeren Kiral Fosfinit Ligandları Ru II Komplekslerinin Sentezi ve Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Aktiviteleri

AK Bünyamin,BAYSAL AKIN,AYDEMİR MURAT,DURAP FEYYAZ,ELMA KARAKAŞ DUYGU,TURGUT YILMAZ

25. Ulusal Kimya Kongresi ,

19 Ferrosen Temelli C2 Simetrik Kiral Bisfosfinit Geçiş Metal Komplekslerinin Ketonların Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinliği

Ak Bünyamin, ELMA Duygu, OK Fatih, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN

IV. Ulusal Anorganik Kimya Kongresi ,

20 Ferrosen Temelli C2 Simetrik Kiral Bisfosfinit Geçiş Metal Komplekslerinin Prokiral Ketonların Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinliği

AYDEMİR MURAT, Ak Bünyamin, Elma Duygu, OK Fatih, DURAP FEYYAZ, BAYSAL AKIN

1. Ulusal Kataliz Yaz Okulu, 3. Anadolu Kataliz Okulu ,

21 Ferrosen Temelli C2 Simetrik Kiral Bisfosfinit Ligandlar ve Geçiş Metal Komplekslerinin Sentezi ve Tanımlanmaları

Ak Bünyamin, ELMA Duygu, Işık Uğur, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN

IV. Ulusal Anorganik Kimya Kongresi ,

22 Ferrosen Temelli C2 Simetrik Kiral Bisfosfinit Ligandlarının Ru II Rh I ve Ir III Komplekslerinin Sentezi ve Tanımlanmaları

Ak Bünyamin,ELMA KARAKAŞ DUYGU,MERİÇ NERMİN,AYDEMİR MURAT,DURAP FEYYAZ,BAYSAL AKIN

V. Ulusal Anorganik Kimya Kongresi ,

23 Ferrosen Temelli C2-Simetrik Kiral Bis(fosfinit) Ligand İçeren Ru(II), Rh(I), Ir(III) Komplekslerinin Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinliği

DURAP FEYYAZ, ELMA Duygu, Ak Bünyamin, AYDEMİR MURAT, BAYSAL AKIN

1. Ulusal Kataliz Yaz Okulu, 3. Anadolu Kataliz Okulu ,

24 Ferrosen Temelli Kiral Bis fosfinit Ru II Rh I Ir III Komplekslerinin Ketonların Asimetrik Transfer Hidrojenasyonu

AK Bünyamin,MERİÇ NERMİN,AYDEMİR MURAT,DURAP FEYYAZ,BAYSAL AKIN,TURGUT YILMAZ,ELMA KARAKAŞ DUYGU

V. Ulusal Anorganik Kimya Kongresi ,

25 Ferrosen Temelli Kiral Fosfinit Ligandlarının Rodyum I Komplekslerinin Sentez ve Karakterizasyonu

MERİÇ NERMİN,ELMA KARAKAŞ DUYGU,AYDEMİR MURAT,BAYSAL AKIN,DURAP FEYYAZ

V. Ulusal Anorganik Kimya Kongresi ,

- 25
- 26 **Ferrosen Temelli Kiral Fosfinit Ligantlarının Rodyum I Komplekslerinin Sentezi ve Karakterizasyonu**
Öztomsuk Abdussamet, MERİÇ NERMİN, AYDEMİR MURAT, DURAP FEYYAZ, ELMA KARAKAŞ DUYGU, AK Bünyamin, BAYSAL AKIN
27. Ulusal Kimya Kongresi ,
- 27 **Ferrosen Temelli Kiral Ir III Komplekslerinin Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinliklerinin Araştırılması**
AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, MERİÇ NERMİN, DURAP FEYYAZ, BAYSAL AKIN
V. Ulusal Anorganik Kimya Kongresi ,
- 28 **Ferrosen Temelli Kiral İridyum III Komplekslerinin Asetofenon Türevlerinin Asimetrik Transfer Hidrojenasyon ATH Reaksiyonlarındaki Etkinlikleri**
MERİÇ NERMİN, Miran Ahmet, AYDEMİR MURAT, DURAP FEYYAZ, AK Bünyamin, ELMA KARAKAŞ DUYGU, KAYAN CEZMİ, BAYSAL AKIN
27. Ulusal Kimya Kongresi ,
- 29 **Ferrosen Temelli Kiral Rh I Komplekslerinin Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Etkinliklerinin İncelenmesi**
MERİÇ NERMİN, AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, BAYSAL AKIN
V. Ulusal Anorganik Kimya Kongresi ,
- 30 **Ferrosen Temelli Kiral Rodyum Komplekslerinin Asimetrik Transfer Hidrojenasyon AHT Reaksiyonlarındaki Etkinliklerinin Araştırılması**
Öztomsuk Abdussamet, AYDEMİR MURAT, DURAP FEYYAZ, MERİÇ NERMİN, KAYAN CEZMİ, ELMA KARAKAŞ DUYGU, Ak Bünyamin, BAYSAL AKIN
27 ulusal kimya kongresi ,
- 31 **Ferrosen Temelli Yeni Kiral İridyum III Fosfinit Komplekslerinin Modüler Dizaynı**
MERİÇ NERMİN, Miran Ahmet, AYDEMİR MURAT, Ak Bünyamin, ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, BAYSAL AKIN, TURGUT YILMAZ
27. Ulusal Kimya Kongresi ,
- 32 **Furfuril N N Bis difenilfosfino amin Geçiş Metal Komplekslerinin Pd 2 ve Pt 2 Sentezi ve Yapılarının X Işınları Kristalografisi**
ELMA KARAKAŞ DUYGU, BAYSAL AKIN, DURAP FEYYAZ, AYDEMİR MURAT, MERİÇ NERMİN, GÜMGÜM BAHATTİN
III. Ulusal Anorganik Kimya Kongresi ,
- 33 **Geçiş Metali Katalizli (Ru(II), Rh(I), Ir(III)), Pro-kiral Ketonların Asimetrik Transfer Hidrojenasyonu**
ELMA Duygu, Ak Bünyamin, MERİÇ NERMİN, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
IV. Ulusal Anorganik Kimya Kongresi ,
- 34 **Half Sandwich Chiral Ru(II)-phosphinite Complexes: Synthesis and Catalytic Activity in Asymmetric Reduction of Aromatic Ketones**
DURAP FEYYAZ, ELMA KARAKAŞ DUYGU, SALEH NAJMULDAİN ABDULLAH, AYDEMİR MURAT, BAYSAL AKIN
4th Anatolian School of Catalysis ,
- 35 **Highly Efficient Organic Waste-Based Catalyst from Banana Peel Treated with Phosphoric Acid for Hydrogen Release from Methanolysis of Sodium Borohydride**
ELMA KARAKAŞ DUYGU

- 35 11th International Conference On Engineering & Natural Sciences , https://a0272912-4303-4a2a-97f1-0fc5400ae5fd.filesusr.com/ugd/d0a9b7_b18999d7e28142c8a0c964858a8a1975.pdf
- 36 **Investigation of Pd(II)-Bound N,N,N,N-tetramethylenethylenediamine-Chitosan/Bentonite Composite in Suzuki-Miyaura C-C Coupling Reaction**
ELMA Duygu, DURAP FEYYAZ, BULUT YASEMİN, AYDEMİR MURAT, BAYSAL AKIN
5th NATIONAL CATALYSIS CONFERENCE ,
<http://www.katalizdernegi.org.tr/images/archive/NCC5%20Book%20of%20Abstracts.pdf>
- 37 **İmin Temelli C2-simetrik bis(fosfinit)-Ru(II) Kompleksinin Sentezi ve Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Etkinliği**
ELMA KARAKAŞ DUYGU, SALEH NAJMULDAİN ABDULLAH, SÜNKÜR MURAT, BAYSAL AKIN, AYDEMİR MURAT, DURAP FEYYAZ
VI. ULUSAL ANORGANİK KİMYA KONGRESİ (Uluslararası Katılımlı) ,
- 38 **Kiral Binükleer η6-benzen-Ru(II)-fosfinit Komplekslerinin Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Katalitik Etkinlikleri**
ELMA KARAKAŞ DUYGU, AL BAYATI YASER W ABDLHMED, BAYSAL AKIN, AYDEMİR MURAT, DURAP FEYYAZ
VI ULUSAL ANORGANİK KİMYA KONGRESİ (Uluslararası katılımlı) ,
- 39 **Kiral Fosfinit Ligandlarının Sentezi ve Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Uygulamaları**
ARSLAN NEVİN, DURAP FEYYAZ, BAYSAL AKIN, AYDEMİR MURAT, MERİÇ NERMİN, TURGUT YILMAZ, ELMA Duygu
25. Uluslararası Katılımlı Ulusal Kimya Kongresi ,
- 40 **New Chiral C2-Symmetric Bis(Phosphinite)-Pd(II) Complexes As Catalysts In Asymmetric Intermolecular Heck Reactions**
BAYSAL AKIN, AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, ARSLAN NEVİN
IV. IMCOFE INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA ,
- 41 **Novel Bis(Phosphino)Amine-Ru(II)-(ACAC)2 Complexes Synthesis And Investigation Of Their Catalytic Activity in Transfer Hydrogenation Reactions**
ELMA KARAKAŞ DUYGU, BAYSAL AKIN, AYDEMİR MURAT, DURAP FEYYAZ
IV. IMCOFE INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA ,
- 42 **PRODUCTION AND APPLICATION OF GRASS WASTE SUPPORTED Ni CATALYST FOR HYDROGEN PRODUCTION BY THE DEGRADATION OF SODIUM BOROHYDRIDE IN METHANOL**
ELMA KARAKAŞ DUYGU
15th INTERNATIONAL COMBUSTION SYMPOSIUM , <https://drive.google.com/file/d/1CYY-k7UEejNKpnK87xrxx7F2ssGHADNd/view>
- 43 **PRODUCTION OF A LOW-COST CATALYST FROM SPENT TEA WASTE FOR HYDROGEN GENERATION FROM METHANOLYSIS OF NaBH4**
ELMA KARAKAŞ DUYGU
16. MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES ,
https://tr.masjournal.co.uk/_files/ugd/614b1f_51157232a55c43198ef9cc6e4c17c26e.pdf
- 44 **Synthesis and Characterization of Cationic Rhodium Complexes of bis (phosphinoamine) Ligand**
ELMA Duygu, MERİÇ NERMİN, AYDEMİR MURAT, DURAP FEYYAZ, KAYAN CEZMİ, BAYSAL AKIN
26. Ulusal Kimya Kongresi ,

- 45 Synthesis and Characterization of New Benzene Based C₂ symmetric Chiral bis phosphinite Ru II Complexes**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, AYDEMİR MURAT, BAYSAL AKIN
Third International Conference On New Trends In Chemometrics And Applications ,
- 46 Synthesis and characterization of novel ionic liquid based Rh I Ir III phosphinite complexes**
ELMA KARAKAŞ DUYGU, DURAP FEYYAZ, BAYSAL AKIN, OCAK YUSUF SELİM, RAFİKOVA KHADİCHAKHAN, ÇAVUŞ KAYA EDA, ZAZYBİN ALEXEY, TEMEL HAMDİ, KAYAN CEZMİ, MERİÇ NERMİN, AYDEMİR MURAT
26th EUCHEM Conference on Molten salts and Ionic Liquids ,
- 47 Synthesis and characterization of Pd(II)-Bound N,N-Methylenebisacrylamide Chitosan/Bentonite Composite and Its Catalytic Activity in Aqueous Medium Suzuki Reaction**
DURAP FEYYAZ, BULUT YASEMİN, Elma Duygu, AYDEMİR MURAT, BAYSAL AKIN
5th NATIONAL CATALYSIS CONFERENCE ,
<http://www.katalizdernegi.org.tr/images/archive/NCC5%20Book%20of%20Abstracts.pdf>
- 48 Synthesis, Characterizations and Application of Chiral Bis(phosphinite)-Pd(II) Complexes As Catalysts In Asymmetric Intermolecular Heck Reactions**
DURAP FEYYAZ, AYDEMİR MURAT, ELMA KARAKAŞ DUYGU, BAYSAL AKIN, ARSLAN NEVİN
IV. IMCOFE INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA ,
- 49 Tridentat fosfin Ligandları ile Ru(II) Komplekslerinin Sentezi ve Katalitik Uygulamaları**
Işık Uğur, MERİÇ NERMİN, Elma Duygu, Ak Bünyamin, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
IV. Ulusal Anorganik Kimya Kongresi ,
- 50 Yeni C₂-Simetrik Fosfinit Ligandların Rutenyum Katalizli Asimetrik Transfer Hidrojenasyon Reaksiyonlarındaki Etkinlikleri**
MERİÇ NERMİN, BAYSAL AKIN, AYDEMİR MURAT, DURAP FEYYAZ, ELMA DUYGU, TURGUT YILMAZ, GÜMGÜM BAHATTİN
25. Uluslararası Katılımlı Ulusal Kimya Kongresi ,
- 51 Yeni Ferrosenil-fosfinit Türü Ligandların ve Geçiş Metali (Ir(III), Rh(I), Ru(II)) Komplekslerinin Hazırlanması**
Elma Duygu, Ak Bünyamin, Işık Uğur, AYDEMİR MURAT, DURAP FEYYAZ, BAYSAL AKIN
IV. Ulusal Anorganik Kimya Kongresi ,
- 52 Yeni Ru(II)-aminofosfin Komplekslerinin Sentezi ve Aromatik Ketonların Transfer hidrojenasyonundaki Katalitik Etkinliği**
Elma Duygu, BAYSAL AKIN, AYDEMİR MURAT, MERİÇ NERMİN, Ak Bünyamin, TURGUT YILMAZ
25. Uluslararası Katılımlı Ulusal Kimya Kongresi ,