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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-1365-2021

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Learning Knowledge

Postgraduate
2020 - 2022

Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Turkey

Postgraduate
2018 - 2020

Gebze Technical University, Institute Of Science, Kimya (YI) (Tezli), Turkey

Undergraduate
2011 - 2017

Marmara University, Faculty Of Arts And Sciences, Chemistry, Turkey

Dissertations

Postgraduate, Yeni Tetra Sübstitüe Ftalosiyeninler, Gebze Technical University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2020

Academic Titles / Tasks

Research Assistant
2020 - Continues

Eskisehir Osmangazi University, Fen Fakültesi, Kimya Bölümü

Supported Projects

1. ARICI M., KAVAK E., DEMİR S., SEMERCİ F., YEŞİLEL O. Z., ERER H., Project Supported by Higher Education Institutions, FONKSİYONEL TETRAKARBOKSİLİK ASİT VE BİSİMİDAZOL TÜREVİ LİGANDLARI İLE KOORDİNASYON POLİMERLERİNİN SENTEZİ KARAKTERİZASYONU ve Fe³⁺ İYONUNUN LÜMİNESANS TEMELLİ DEDEKSİYONUNUN ARAŞTIRILMASI, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Novel copper(II) phthalocyanines as semiconductor layer in organic field effect transistors: Synthesis and investigation of electrical properties**
Demir S., Akbay S., Canımkbey B., Yuksel F.
Journal of Molecular Structure, vol.1308, 2024 (SCI-Expanded)
- 2. MOF-801 based solid phase microextraction fiber for the monitoring of indoor BTEX pollution**
Bolat S., DEMİR S., ERER H., PELİT F., Dzingelevičienė R., Ligor T., Buszewski B., PELİT L.
Journal of Hazardous Materials, vol.466, 2024 (SCI-Expanded)
- 3. Construction of Novel Co(II) Coordination Polymers-Hydrogel Composites for Dye Adsorption**
SAMAV Y., Demir S., SOLMAZ G., Tuncer C., Erer H.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.34, no.3, pp.1092-1103, 2024 (SCI-Expanded)
- 4. Synthesis and characterization of new 2D coordination polymers based on mixed 1,1-cyclopentanediacetate and 1,2-bis((1H-imidazol-1-yl)methyl)benzene linkers**
DEMİR S., ERER H.
Journal of Molecular Structure, vol.1295, 2024 (SCI-Expanded)
- 5. Sensitivity to NH₃ Vapor: Synthesis and Characterization of Five New Coordination Polymers Based on 2,2-Dimethylglutaric Acid and Bis(triazole)-Derived Ligands**
KÖSE YAMAN P., Demir O., DEMİR S., ZEYREK ONGUN M., OĞUZLAR S., ERER H.
ACS OMEGA, no.3, pp.3193-3203, 2024 (SCI-Expanded)
- 6. A copper(ii) metal-organic framework with 2,2-dimethylglutarate and imidazole ligands: synthesis, characterization and catalytic performance for cycloaddition of CO₂ to epoxides**
KÖSE YAMAN P., DEMİR S., Denizalti S., ERER H., YEŞİLEL O. Z.
NEW JOURNAL OF CHEMISTRY, vol.48, no.4, pp.1850-1855, 2023 (SCI-Expanded)
- 7. 2D Zinc(II)-Coordination Polymer Based on 1,3,5-Benzenetricarboxylate and Novel 4,4'-Bis((2-isopropyl-1H-imidazole-1-yl)methyl)-1,1'-biphenyl Ligands for the Adsorption of Methyl Orange**
DEMİR S., Alp Arıcı T., ERER H.
Crystal Growth and Design, vol.23, no.12, pp.8745-8752, 2023 (SCI-Expanded)
- 8. Synthesis and Characterization of Cobalt(II) and Zinc(II) Coordination Polymers Constructed from Bis(isophthalic acid) and Bis(1,2,4-triazole) Linkers**
Erer H., Demir S., Karaman B., Arıcı M., Yeşilel O. Z.
Journal of Inorganic and Organometallic Polymers and Materials, vol.33, no.8, pp.2386-2398, 2023 (SCI-Expanded)
- 9. Novel highly water soluble zinc(II) phthalocyanines: Synthesis, photochemistry and DNA binding behaviours**
Demir S., Yuksel F.
Inorganica Chimica Acta, vol.548, 2023 (SCI-Expanded)
- 10. Synthesis, characterization, and optical properties of four coordination polymers with 3,5-dicarboxy-1-(4-cyanobenzyl)pyridin-1-ium bromide**
KAYA M., DEMİR S., ARICI M., Wriedt M., YEŞİLEL O. Z.
POLYHEDRON, vol.221, 2022 (SCI-Expanded)
- 11. Synthesis and investigation of the electrical properties of novel liquid-crystal phthalocyanines bearing triple branched alkylthia chains**
Canımkbey B., Taskan M. C., Demir S., Duygulu E., Atilla D., Yuksel F.
NEW JOURNAL OF CHEMISTRY, vol.44, no.18, pp.7424-7435, 2020 (SCI-Expanded)

Books & Book Chapters

- 1. GENEL KİMYA LABORATUVARI**
YEŞİLEL O. Z., ERER H., TUNCER C., ÖZŞEN BATUR Ö., ÇELİK S., SAYIN F., YANDIMOĞLU M., OCAK E., ÖZBAL A., DEMİR S.
Eskişehir Osmangazi Üniversitesi, Eskişehir, 2022

2. Katı Sabun ve Dezenfektan Eldesi

DEMİR S., ERER H.

in: GENEL KİMYA LABORATUVARI, YEŞİLEL Okan Zafer, Editor, Eskişehir Osmangazi Üniversitesi Basımevi, Eskişehir, pp.102-108, 2022

Refereed Congress / Symposium Publications in Proceedings

1. **MOF Doped Hydrogel Synthesis and Applications**
SAMAV Y., DEMİR S., TUNCER C., ERER H.
11. Uluslararası Akademik Araştırmalar Kongresi (ICAR), 25 - 26 July 2023, pp.269
2. **3,5-Dikarboksi-1-(4-siyanobenzil)piridinyum Zwitteriyonik Ligant ile Dört Koordinasyon Polimerinin Sentezi, Karakterizasyonu ve Optik Özellikleri**
KAYA M., DEMİR S., ARICI M., WRIEDT M., YEŞİLEL O. Z.
34. Ulusal Genel Kimya Kongresi, Yalova, Turkey, 1 September - 06 October 2022, pp.54
3. **Synthesis and Characterization of Two Dimensional Cobalt(II), Zinc(II), Cadmium(II) Coordination Polymers with 2,2-Dimethylglutarate and Bis(Triazole) Derived Ligands**
DEMİR Ö., DEMİR S., ERER H., KÖSE YAMAN P.
8. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ, Kocaeli, Turkey, 13 - 14 May 2022
4. **2D COORDINATION POLYMERS CONSTRUCTED FROM 3,3-TETRAMETHYLENEGLUTARATE AND 1,2-BIS((1H-IMIDAZOL -1-YL)METHYL)BENZENE**
Demir Ö., Demir S., Erer H.
ICAR Congress, Bilecik, Turkey, 24 - 26 January 2022, pp.1
5. **SYNTHESIS AND CHARACTERIZATION OF 3D COORDINATION POLYMERS WITH TETRACARBOXYLATE AND SUBSTITUED BIS(IMIDAZOLE) LIGANDS**
Suluyer Ş., Demir S., Arıcı M., Erer H., Yeşilel O. Z.
ICAR Congress, Bilecik, Turkey, 24 - 26 January 2022, pp.1
6. **SYNTHESIS and CHARACTERIZATION Of Cd(II) COORDINATION POLYMER with 2,5-FURANDICARBOXYLATE And 1,4-BIS(IMIDAZOL-1YL)BUTANE LIGANDS**
Demir S., Erer H.
ICAR Congress, Bilecik, Turkey, 24 - 26 January 2022, pp.1
7. **2,5-FURANDİKARBOKSİLAT VE 1,3-BİS((İMİDAZOL-1İL)METİL)BENZEN LİGANDLARI İLE Zn(II) KOORDİNASYON POLİMERİNİN SENTEZİ VE KARAKTERİZASYONU**
Demir S., Erer H.
32. Ulusal Kimya Kongresi, 7 - 09 October 2021, pp.1
8. **2,5-furandikarboksilat ve 1,3-bis((imidazol-1il)metil)benzen ligandları ile Cd(II) koordinasyon polimerinin sentezi ve karakterizasyonu**
Demir S., Erer H.
8. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Turkey, 2 - 05 September 2021, pp.1
9. **Yeni Tetra Sübstitüe Ftalosiyanınlar**
Demir S., Yüksel F.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019
10. **3-(pyridine-2-ylthio)-2,2-bis((pyridine-2-ylthio)methyl)propan-1 ol Bileşiğinin Sentezi, Yapı Karakterizasyonu ve X-RAY Tek Kristal Yapı Analizi**
YÜKSEL F., DEMİR S.
Gebze Teknik Üniversitesi 3. İnovatif Kimya Kongresi, Turkey, 04 May 2018
11. **Sentetik Biyoyouumlu Greftler**
DEMİR S., YÜKSEL F.
Gebze Teknik Üniversitesi 3. İnovatif Kimya Kongresi, Turkey, 04 May 2018

Metrics

Publication: 24
Citation (WoS): 1
H-Index (WoS): 1

Research Areas

Natural Sciences