

Kimya Bölümü
2023 Yılı SCI-E Yayınları
(Kaynak: Web of Science)

- [1] Yakubu Sawadogo Adam, Esra Telli, Murat Farsak, and Gulfeza Kardas. Hydrogen production activity of nickel deposited graphite electrodes doped with cow and coir nanoparticles. *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 48(82):31844–31854, SEP 30 2023.
- [2] Burak Ay, Rina Takano, and Takayuki Ishida. Metal-organodiphosphonate chemistry: Hydrothermal syntheses and structures of two novel copper(ii) coordination polymers with oxylylenediphosphonic acid and 4,4'-bipyridine ligands. *BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN*, 96(10):1129–1138, OCT 2023.
- [3] Ozlem Demirci, Burcu Tezcan, Yeliz Demir, Tugba Taskin-Tok, Yetkin Gok, Aydin Aktas, Bilgehan Guzel, and Ilhami Gulcin. Acetylphenyl-substituted imidazolium salts: synthesis, characterization, in silico studies and inhibitory properties against some metabolic enzymes. *MOLECULAR DIVERSITY*, 27(6):2767–2787, DEC 2023.
- [4] V. Guckan, S. W. Bokhari, V. Altunal, N. E. Varan, K. Kurt, I. Yildiz, W. Gao, and Z. Yegingil. Thermoluminescence and optically stimulated luminescence properties of nanof3:dy,eu synthesized by hydrothermal method and dft calculations for the bandgap. *MATERIALS RESEARCH BULLETIN*, 167, NOV 2023, Article-Number = 112373.
- [5] Arif Hasanoglu, Ender Faki, Acelya Secer, and Sefika Turker Uzden. Co-solvent effects on hydrothermal co-gasification of coal/biomass mixtures

for hydrogen production. *FUEL*, 331(1), JAN 1 2023, Article-Number = 125693.

- [6] Mohammad Tamim Mohammad Hasham, Burak Ay, Dogan Kaya, Emel Yildiz, and Ahmet Ekicibil. Preparation of tio_2/vo_x , tio_2/sio_2 , and vo_x/sio_2 nanostructures by hydrothermal methods and determination of their magnetic properties. *NEW JOURNAL OF CHEMISTRY*, 47(7):3312–3320, FEB 13 2023.
- [7] Simay Ince, Ozlem Oner, Mustafa Kemal Yilmaz, Mustafa Keles, and Bilgehan Guzel. Highly enantioselective binaphthyl-based chiral phosphoramidite stabilized-palladium nanoparticles for asymmetric suzuki c-c coupling reactions. *INORGANIC CHEMISTRY*, 62(11):4637–4647, MAR 20 2023.
- [8] Dogan Kaya, Hasan Huseyin Isik, Ilknur Baldan Isik, Gokmen Sigircik, Tunc Tuken, Faruk Karadag, and Ahmet Ekicibil. Electrocatalytic hydrogen evolution on metallic and bimetallic pd-co alloy nanoparticles. *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 48(39):14633–14641, MAY 5 2023.
- [9] Aysen Kelesoglu, Gokmen Sigircik, Resit Yildiz, and Ilyas Dehri. Experimental and theoretical investigation of pyrazinecarboxamide against mild steel corrosion. *JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY*, 44(2):329–341, FEB 1 2023.
- [10] Basak Dogru Mert, Tolga Karazehir, Mehmet Erman Mert, and Gulfeza Kardas. Production of pt decorated poly(3,4-ethylenedioxythiophene)/ergo/gce as an efficient catalyst for methanol oxidation reaction. *JOURNAL OF APPLIED POLYMER SCIENCE*, 140(30), AUG 10 2023.
- [11] Veysi Okten, Resit Yildiz, and Goekmen Sigircik. The adsorption and inhibition efficiency of 2-amino-4-methoxy-6-methyl-1,3,5-triazine for corrosion of mild steel in hydrochloric acid solution. *ANTI-CORROSION METHODS AND MATERIALS*, 70(6):350–360, NOV 20 2023.
- [12] F. Inci Ozdemir, Burcu Karaaslan, Ahmet Tulek, Guzide Yucebilgic, and Deniz Yildirim. Immobilization of recombinant l-asparaginase from geobacillus kaustophilus on magnetic mwcnt-nickel composites. *PROCESS BIOCHEMISTRY*, 127:10–20, APR 2023.

- [13] Nurten Sahan, Muhsin Mazman, Cem Kaypmaz, Beyza Beyhan, and Halime Paksoy. Flexible phase change material packages for green transportation vehicles. *JOURNAL OF POWER SOURCES*, 576, AUG 30 2023, Article-Number = 233147.
- [14] Bulent Sari, Farhad Zarifi, Muhammed Alhasan, Hakan Guney, Selman Turkes, Serdal Sirlibas, Deniz Civan Yigit, Gueray Kilincceker, Besir Sahin, and Olcayto Keskinan. Determining the contributions in a denim fabric production for sustainable development goals: Life cycle assessment and material input approaches. *SUSTAINABILITY*, 15(6), MAR 2023, Article-Number = 5315.
- [15] Acelya Secer, Erturk Sayan, Sefika Turker Uzden, and Arif Hasanoglu. Low temperature catalytic co-solvent gasification of biomass for hydrogen rich gas. *JOURNAL OF THE ENERGY INSTITUTE*, 107, APR 2023, Article-Number = 101183.
- [16] Patrick Marcel Seumo Tchekwagep, Goncagul Aksaray, Murat Farsak, and Gulfeza Kardas. Surface modification of mild steel using 4-carboxyphenyl diazonium in sulfuric and hydrochloric acids. a corrosion study. *RSC ADVANCES*, 13(25):16789–16796, JUN 5 2023.
- [17] Fatih Tezcan, Abrar Ahmad, and Gulfeza Kardas. Architecture design of tio₂ with co-doped cds quantum dots photoelectrode for water splitting. *TURKISH JOURNAL OF CHEMISTRY*, 47(5):1183–1194, 2023.
- [18] Erkan Ugurlu, Onder Duysak, Gulfeza Kardas, Selin Sayin, Eyup Ilker Saygili, and Serdar Dogan. Alginate modified collagen for rapid, durable and effective biosorption of pb (ii) ions from an aqueous solution. *REGIONAL STUDIES IN MARINE SCIENCE*, 65, DEC 10 2023, Article-Number = 103091.
- [19] Fatma Ulusal, Ebru Erunal, and Bilgehan Guzel. Utilization of supercritical carbon dioxide as green solvent for the suzuki-miyaura reaction. *INORGANICA CHIMICA ACTA*, 555, SEP 24 2023, Article-Number = 121127.
- [20] Sefika Turker Uzden, Acelya Secer, Ender Fake, and Arif Hasanoglu. Utilization of pet (waste) via hydrothermal co-gasification with sorghum for hydrogen rich gas production. *JOURNAL OF THE ENERGY INSTITUTE*, 107, APR 2023, Article-Number = 101193.

- [21] Umit Yasar, Fatma Ulusol, Pinar Yilgor Huri, Bilgehan Guzel, and Nurten Dikmen. Development of biomaterial-based oxygen transportation vehicles for circulation within blood. *JOURNAL OF KING SAUD UNIVERSITY SCIENCE*, 35(5), JUL 2023, Article-Number = 102689.
- [22] M. Yildirim, M. Ersatir, S. Yalin, and E. S. Giray. Coumarin hybrids as cholinesterase inhibitors. *RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY*, 49(5):970–975, OCT 2023.
- [23] Metin Yildirim, Samet Poyraz, and Mehmet Ersatir. Recent advances on biologically active coumarin-based hybrid compounds. *MEDICINAL CHEMISTRY RESEARCH*, 32(4):617–642, APR 2023.