BİRUNİ ÜNİVERSİTESİ
"Bilimin Geleceği"

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı ve Soyadı: Nilüfer KOÇYİĞİT

Doğum Tarihi: 1989

Akademik Unvanı: Dr. Öğr. Üyesi

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Uzmanlık Alanı: Kimya
Temel Bilimler

Derece	Bölüm/Program	Üniversite	Yıl
Yüksek Lisans	İŞ SAĞLIĞI VE GÜVENLİĞİ (YL) (TEZSİZ) (UZAKTAN ÖĞRETİM)	İstanbul Gelişim Üniversitesi	2023
Doktora	ANALİTİK KİMYA (DR)	Yıldız Teknik Üniversitesi	2021
Yüksek Lisans	ANALİTİK KİMYA (YL) (TEZLİ)	Marmara Üniversitesi	2015
Lisans	KİMYA BÖLÜMÜ	Marmara Üniversitesi	2012

Görev Unvanı	Görev Yeri	Yıl
Dr. Öğr. Üyesi	Biruni Üniversitesi	2021-Devam Ediyor
Araştırma Görevlisi	Biruni Üniversitesi	2019-2021

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

A1. "Sensitive, low cost and disposable electrochemical dopamine sensor based on Ag-NP/f-MWCNT/Poly (L-Cysteine)/ PGE", Applied Physics A, 2025.

A2. "ZnO-NF/Graphene/Nafion as electrode platform for some pharmaceutical active ingredients sensor and energy storage applications", Synthetic Metals, 2025.

A3. "The novel double-decker lanthanide metal phthalocyanines substituted with 1-[3,5-bis (trifluoromethyl)phenyl] propoxyl: Synthesis, characterization, electrochemistry, spectroelectrochemistry, and electrochromism", Journal of Molecular Structure, 2025.

A4. "Impact of Boehmite and Gibbsite on the supercapacitor performances of polypyrrole: γ-AlO(OH)/PPy/CF and γ-Al(OH)3/PPy/CF flexible and wearable nanocomposites", Journal of Alloys and Compounds, 2025.

A5. "Furoic acid-doped-over-oxidized poly (3, 4-ethylenedioxythiophene)-based electrochemical sensor for selective, sensitive and concurrent quantification of paracetamol, codeine phosphate and caffeine in pharmaceutical formulation", Journal of Materials Research, 2025.

A6. "One-step chronoamperometric synthesis of S, N co-doped graphene oxide electrodes for nonenzymatic electrochemical H2O2 sensor", Journal of Materials Science: Materials in Electronics, 2024.

A7. "Novel Ball-Type Phthalocyanines with Eight Benzotriazole Groups: Synthesis, Computational DFT Studies, and Supercapacitor Properties", ECS Journal of Solid State Science and Technology, 2024.

A8. "Glycosylated zinc(II) phthalocyanine photosensitizer: Synthesis, photophysical properties and in vitro photodynamic activity on breast cancer cell line", Journal of Molecular Structure, 2024.

A9. "Palladium (II)-NNN Pincer Complex Embedded Carbon Felt Electrode for High-Performance Symmetrical Supercapacitor Applications", Energy Technology, 2024.

A10. "Synthesis, fabrication and characterization of 2-naphthyloxy group-substituted bis(2-pyridylimino)isoindoline and its derivatives as a positive electrode for vanadium redox flow battery applications", Dalton Transactions, 2023.

A11. "Synthesis and characterization of novel HMPM bridged ball-type metallophthalocyanines, and their DFT studies and electrochemical performance as supercapacitor electrodes", Synthetic Metals, 2023.

A12. "A novel electrolytes for redox flow batteries: Cerium and chromium couples in aqueous system", International Journal of Energy Research, 2021.

A13. "Chrome and cobalt-based novel electrolyte systems for redox flow batteries", International Journal of Energy Research, 2020.

A14. "A novel vanadium/cobalt redox couple in aqueous acidic solution for redox flow batteries", International Journal of Energy Research, 2020.

A15. "Electrocatalytic Activity of Novel Ball-Type Metallophthalocyanines with Trifluoro Methyl Linkages in Oxygen Reduction Reaction and Application as Zn-Air Battery Cathode Catalyst", Electrochimica Acta, 2017.

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:

B1. "NiCo2O4/S,N-codoped Graphene Oxide/Nafion/GCE nanocomposite electrode material for energy storage applications", International Conference on New Trends in Chemistry, 2025.

B2. "NOVEL BALL-TYPE METALLOPHTHALOCYANINES DERIVED FROM BENZOTRIAZOL: THEIR SYNTHESIS, CHARACTERIZATION AND ELECTROCHEMICAL PERFORMANCE AS SUPERCAPACITOR ELECTRODES", IV. BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, 2023.

B3. "Karbon Esaslı Elektrodun Ce(III) Çözeltisinde ElektrokimyasalDavranışlarının İncelenmesi", GAPYENEV-2020 II. International Renewable Energy and Energy Efficiency Congress, 2020.

B4. "Electrochemical Behaviour of Graphite Based Electrode in Co(Ii)/Cr(Iii) Based Redox Flow Battery", World Energy Strategies Congress and Exhibition, 2019.

B5. "Synthesis and characterization of unique bifunctional oxygen electrocatalysts M2Pc2 type macrocycles and their usage in the secondary Zn O2 battery applications", 2nd International Conference on Green Chemistry and Sustainable Engineering, 2016.

B6. "Catalytic activity and photovoltaic properties of novel 4,4’-(hexafluoroisoproplydene)diphenol based ball-type metallophthalocyanines", 17th International Symposium on Relations between Homogeneous and Heterogeneous Catalysis, 2015.

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:

E1. "HEMATEİN KATKILI POLİPİROL KALEM UCU ELEKTRODUN SÜPERKAPASİTÖR PERFORMANSININ İNCELENMESİ", X. ULUSAL ANORGANİK KİMYA KONGRESİ, 2025.

E2. "Asetik Asit ve Fosfanoasetik Asit Katkılı Polipirol Kalem Ucu Elektrotların Süperkapasitör Özelliklerinin Araştırılması", 35. Ulusal Kimya Kongresi, 2024.

E3. "S, N eş katkılı grafen oksit elektrotların kronoamperometrik yöntem ile tek adımlı sentezi ve H2O2 elektrokimyasal sensörü", 35. Ulusal Kimya Kongresi, 2024.

E4. "Suda Çözünür Mezo-Sübstitüye BODIPY Bileşiklerinin in vitro Fotodinamik Aktivitelerinin İncelenmesi", 9. Ulusal Anorganik Kimya Kongresi, 2024.

E5. "Electrocharacterization and Development of a Novel Electrochemical Sensor for the Simultaneous Determination of Paracetamol and Ibuprofen", 4. Ulusal Karbon Konferansı, 2024.

E6. "Investigation of Electrochemical Behavior of Fe (II) With Carbon-Based Electrodes in Redox Flow Batteries", 3. Ulusal Karbon Konferansı (3. UKK), 2021.

E7. "Farklı Derişimlerdeki Vanadyum(III) Çözeltisinin Asidik Ortamda Elektrokimyasal Davranışlarının İncelenmesi", 31. Ulusal Kimya Kongresi, 2019.