

## Res. Asst. PhD DİLEK VATANSEVER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: IAR-4771-2023

ScopusID: 58042919800

### Education Information

Post Doctorate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, Turkey 2023 - Continues

Postgraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, Turkey 2013 - 2017

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, Turkey 2013 - 2017

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, Turkey 2008 - 2013

### Dissertations

Doctorate, Investigation of capacitive behavior of polypyrrole and polypyrrole - manganese oxide films grown by electrochemical deposition method, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2023

Postgraduate, ELECTRODEPOZİTİON OF PPy-Co AND PPy-CoNi MATERIALS AND THEIR MAGNETIC PROPERTIES, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2017

### Research Areas

Physics, Natural Sciences

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

- Polypyrrole-oxalate and polypyrrole-sulfate electrodes for supercapacitor applications**  
Hacıismailoğlu M., Vatansever D., Alper M.  
CHEMICAL PAPERS, vol.78, pp.3315-3329, 2024 (SCI-Expanded)
- Pencil graphite/polypyrrole supercapacitors: The structural and chemical changes of the electrodes after capacitive measurements**  
Vatansever D., Şafak Hacıismailoğlu M.  
MATERIALS CHEMISTRY AND PHYSICS, vol.295, 2023 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- The role of polypyrrole layer on titanium substrate for electrodeposition of cobalt**  
VATANSEVER D., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KURU H., KÖÇKAR H.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06

October 2018

**II. Electrodeposition of CoNi-polypyrrole composite films and their magnetic properties**

VATANSEVER D., ŞAFAK HACİSMAİLOĞLU M., ALPER M., ŞARLAR K., KÜÇÜK İ.

5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06

October 2018

**III. Electrochemical deposition of Cobalt-Polypyrrole composite films by changing Cobalt deposition potential**

Vatansever D., ŞAFAK HACİSMAİLOĞLU M., ALPER M., KÖÇKAR H.

Turkish Physical Society 34th International Physics Congress, Bodrum, Turkey, 5 - 09 September 2018

**IV. Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**

Vatansever D., ŞAFAK HACİSMAİLOĞLU M., ALPER M., KÖÇKAR H.

12th International Workshop on Electrodeposited Nanostructures, Sofya, Bulgaria, 16 - 18 March 2017

## Supported Projects

Vatansever D., Project Supported by Higher Education Institutions, Bitkisel ve Hayvansal Biyopolimerlerden Jel Elektrolit Yapımı ve Enerji Depolama Cihazlarında Kullanılması, 2023 - 2025

## Patent

Şafak Hacismailoğlu M., Vatansever D., Alper M., AYVA ÇEKİRDEĞİNDEN JEL ELEKTROLİT VE ÜRETİM YÖNTEMİ, Patent, CHAPTER G Physics, The Invention Registration Number: 2023/010451 , Standard Registration, 2024

Şafak Hacismailoğlu M., Vatansever D., Alper M., ALOE VERADAN ELDE EDİLEN BİR JEL ELEKTROLİT, Patent, CHAPTER G Physics, The Invention Recourse Number: 2023/016183 , Standard Registration, 2023

Şafak Hacismailoğlu M., Alper M., Vatansever D., GEL ELECTROLYTE FROM QUINCE SEED AND PRODUCTION METHOD, Patent, CHAPTER G Physics, The Invention Recourse Number: PCT/TR2023/051540 , Standard Registration, 2023

Şafak Hacismailoğlu M., Vatansever D., Alper M., PGE/PPy-Mn OKSİT ELEKTROT VE BU ELEKTRODU İÇEREN SÜPERKAPASİTÖR, Patent, CHAPTER G Physics, The Invention Recourse Number: 2022/018543 , Standard Registration, 2022

## Metrics

Publication: 6

Citation (WoS): 4

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

8th International Conference on Materials Science and Nanotechnology for Next Generation, Panelists, Nevşehir, Turkey, 2021

5th International Materials Science and Nanotechnology For Next Generation conference (MSNG2018) , Attendee, Nevşehir, Turkey, 2018

5th International Materials Science and Nanotechnology For Next Generation conference (MSNG2018), Attendee, Nevşehir, Turkey, 2018

Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, Attendee, Muğla, Turkey, 2018

12th International Workshop on Electrodeposited Nanostructures, Working Group, Sofija, Bulgaria, 2017

## Scholarships

YÖK-100/2000 Öncelikli Alanlar Doktora Bursu, YOK, 2018 - 2022