Öyküm Naz AVCI

Education

2016 - 2019	M.Sc in Chemistry Bogazici University, Istanbul, Turkey
2009 - 2016	B.Sc in Integrated B.Sc & M.Sc Program in Teaching Chemistry Bogazici University, Istanbul, Turkey

Research Experiences

Oct 1, 2019 -	Marie Skłodowska-Curie - Innovative Training Network (ITN) Early Stage Researcher (ESR) & PhD Fellow | EU-Funded BIKE Project | Institute for the Chemistry of Organometallic Compounds - Italian National Council for Research (ICCOM – CNR), Pisa, Italy.
2016 - 2019	M.Sc. student | Computational Chemistry and Biochemistry Group (CCBG) Department of Chemistry, Bogazici University, Turkey.

Research Visits / Internships

Feb 1 – Aug 1,2019	CNRS, LPCT Group, University of Lorraine, Nancy, France (**Internship**, Excellence Grants for Master Studies) Funded by *"Lorraine Université d'Excellence" led by Université de Lorraine* Supervisor; Assoc. Prof. Antonio Monari
June 1 – July 27,2018	CNRS, LPCT Group, University of Lorraine, Nancy, France Funded by *"Multiscale Modeling of Nanomaterials for the Environment Developing Water Splitting" (PIA-TUBITAK Project No.115Z863)* Project Coordinators and Supervisors ; Assoc. Prof. Antonio Monari and Assoc. Prof. Saron Catak
Jan 4 – Jan 26, 2018	CNRS, LPCT Group, University of Lorraine, Nancy, France Funded by *"Multiscale Modeling of Nanomaterials for the Environment Developing Water Splitting" (PIA-TUBITAK Project No.115Z863)* Project Coordinators and Supervisors ; Assoc. Prof. Antonio Monari and Assoc. Prof. Saron Catak

Publications

1. "Elucidation of the Mechanism of Silver-Catalyzed Inverse Electron Demand Diels-Alder Reaction of 1,2 Diazines and Siloxy Alkynes"
   Ö. N. Avcı, S. Catak, B. Dereli, V. Aviyente, B. Dedeoglu.
   ChemCatChem. 2019, *DOI:* 10.1002/cctc.201901525

2. "Design and Synthesis of Novel Indoline-(thio)urea Hybrids"
   F.Lafzi, H. Kilic, G. Tanriver, **Ö. N. Avcı**, S. Catak, N. Saracoglu.
   Synthetic Communications. 2019, *49(24),* 3510-3527, *DOI:* 10.1080/00397911.2019.1675706

3. "Selectivity in Stepwise (4+3) Cycloadditions of Furfuryl Cations: Stereocontrol by Highly Organized Transition States in a Nonstop Cycloaddition Mechanism"
D. Hertsen, B. Denoo, **Ö. N. Avcı**, V. Van Speybroeck, J. M. Winne, S. Catak. *Manuscript in revision*

4. "Computational Study of Ruthenium Based Water Oxidation Catalysts"
Ö. N. Avcı, M. Pastore, A. Monari, S. Catak. *Manuscript in preparation*

Oral & Poster Presentations

1. "Modeling Molecular Ruthenium Water Oxidation Catalysts (WOCs): Mechanistic Approach "
González Research Group, Institute of Theoretical Chemistry, University of Vienna, July 11, 2019 Vienna, Austria (Oral Presentation)

2. "Computational Study of Ruthenium Based Water Oxidation Catalysts"
12th Chemical Physics Congress , October 12-13, 2018 Safranbolu, Turkey (Poster Presentation)

3. "Selectivity in (4+3) Cycloadditions of Furfuryl Cations"
ViA Computation: Applications on Molecular Nanoscience, October 30, 2017 Istanbul, Turkey (Poster Presentation)

Symposiums and Workshops

12th Chemical Physics Congress , October 12-13, 2018 Safranbolu, Turkey
(Poster Presentation /Attendee)

Second Turkey-France Physical Chemistry Meeting , February 2, 2018 Istanbul, Turkey
(Local Organizing Committee / Attendee)

"French Network for Theoretical Chemistry " certificate program, Master School in Computational and Theoretical Chemistry, January 8-12 , 2018 Nancy , France
(Attendee)

International Symposium on Chemistry ViA Computation : Applications on Molecular Nanoscience, October 30, 2017 Istanbul ,Turkey
(Poster Presentation /Local Organizing Committee/ Attendee)

Scholarships and Grants

Excellence Grants for Master Studies | Scholarship from "Lorraine Université d'Excellence" led by Université de Lorraine | Research Topic: *"Energies for the future and enabling energy-transition towards renewable sources of energy with a specific focus on hydrogen"* | Internship period : Feb 1st, 2019 – Aug 1st, 2019

TUBITAK - PIA Project Student| Grant No: 115Z863 | Title: *"Multiscale Modeling of Nanomaterials for the Environment Developing Water Splitting"*

TUBITAK Project| Grant No: 116Z513| Title: *" The Effect of Asparagine Deamidation on the Structure and Function of Bcl-xL and Deamidation-Induced Cell Death - A Computational Study"*

TUBITAK Project| Grant No: 115Z738 | Title: *" Theoretical Study on Reactivity of Keteniminium Salts Derivatives"*