

Res. Asst. Cansu ARMAN

Personal Information

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Education Information

Doctorate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2019 - Continues

Post Graduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2015 - 2018

Under Graduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2007 - 2015

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Post Graduate, FLUTAMIDE MOLEKÜLÜNÜN YAPISAL ÖZELLİKLERİ ve TİTREŞİMSEL SPEKTRUMLARININ ANALİZİ, Istanbul University, Faculty Of Science, Department Of Physics, 2018

Research Areas

Physics, Atomic and Molecular Physics, Chemistry, Analytical Chemistry, Atomic and Molecular Spectroscopy, Spectroscopical Methods, Physical Chemistry, Computational Chemistry, Quantum Mechanics, Spectroscopy, Natural Sciences

Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Science, Department of Physics, 2020 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of intermolecular interactions on the vibrational spectra of flutamide molecule: a study based on the experimental matrix FT-IR, FT-Raman, Dispersive Micro-Raman measurements and DFT calculations**
Balci K., Arman C., Akkaya Y., Akyüz S., Collier W. B. , Reaves-Mckee T. R. , Frankamp A. H. , Coates J. T. , Ritzhaupt G.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, no.24, pp.459
- II. **A vibrational spectroscopy study on the chemotherapy drug flutamide by DFT calculations**
Arman C., Balci K., Akkaya Y., Akyüz S., Collier W. B.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, no.6, pp.536
- III. **A study on the effects of electron correlation, basis set incompleteness and superposition effects in modeling of hydrogen bonding interactions between water molecules**

Arman C.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, no.10, pp.39