

# Resr. SERA İFLAZOĞLU

## Personal Information

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## International Researcher IDs

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## Research Areas

Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Medical Doctor, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2015 -  
Continues

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

- I. Potential effect dietary supplementation of calcium tetraborate in quails exposed to cadmium: Its impact on productive performance, oxidative stress, cecal microflora, and histopathological changes  
Mutlu M., Simsek U. G., Iflazoglu S., YILMAZ A., Karabulut B., Incili C. A., Cevik A., Incili G. K., Seven P. T., Iflazoglu Mutlu S.  
Ecotoxicology and Environmental Safety, vol.270, 2024 (SCI-Expanded)
- II. Structural, photo, optical and thermal luminescent properties of beta barium metaborate  
Iflazoglu S., Yilmaz A., Bulur E.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.829, 2020 (SCI-Expanded)
- III. Neutron+Gamma response of undoped and Dy doped MgB<sub>4</sub>O<sub>7</sub> thermoluminescence dosimeter  
Iflazoglu S., Yilmaz A., Kafadar V. E., Topaksu M., Yazici A. N.  
Applied Radiation and Isotopes, vol.147, pp.91-98, 2019 (SCI-Expanded)
- IV. Investigation of neutron sensitivity of un-doped and Dy-doped CaB<sub>4</sub>O<sub>7</sub> for thermoluminescence applications  
Iflazoglu S., YILMAZ A., KAFADAR V. E., YAZICI A. N.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.133, no.3, pp.1327-1333, 2018 (SCI-Expanded)
- V. Thermoluminescence Kinetic Parameters of TLD-600 and TLD-700 after Cf-252 Neutron+Gamma and Sr-90-Y-90 Beta Radiations  
Iflazoglu S., Kafadar V. E., Yazici B., Yazici A. N.  
CHINESE PHYSICS LETTERS, vol.34, no.1, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. The effects of dietary calcium tetraborate on the ovalbumin levels and some egg quality traits in laying quails exposed to cadmium  
Iflazoğlu S., Iflazoğlu Mutlu S., Seven P. T., Yılmaz A., Şimşek Ü. G.

GSC Biological and Pharmaceutical Sciences, vol.15, no.02, pp.8-14, 2021 (ESCI)

- II. **Impact of dietary calcium tetraborate supplementation on the mineral content of egg and eggshell of laying quails**

İflazoğlu S., İflazoğlu Mutlu S., Şimşek Ü. G., Mutlu M., Tath Seven P., Yilmaz A.

GSC Biological and Pharmaceutical Sciences, vol.15, no.1, pp.18-26, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Neutron Dosimetric Properties of Copper Doped Lithium Triborate Examined Using the TL Technique**

İFLAZOĞLU S., YILMAZ A., KAFADAR V. E., YAZICI A. N.

Turkish Physical Society 33rd International Congress, 6 - 10 September 2017

- II. **Synthesis and TL Characterization of Gd Doped Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub> for Neutron Measurements**

İFLAZOĞLU S., YILMAZ A., KAFADAR V. E., YAZICI A. N.

Turkish Physical Society 33rd International Congress, 6 - 10 September 2017

## Metrics

Publication: 9

Citation (WoS): 31

Citation (Scopus): 44

H-Index (WoS): 3

H-Index (Scopus): 3