

### Articole publicate în reviste cotate ISI

1. **Roxana Jijie**, Valentin Pohoata and Ionut Topala, *Thermal behavior of bovine serum albumin after exposure to barrier discharge helium plasma jet*, Applied Physics Letters, **101** (2012) 144103.  
(AIS: 1.355, IF: 3.794)
2. **Roxana Jijie**, Cristina Luca, Valentin Pohoata and Ionut Topala, *Effects of Atmospheric Pressure Plasma Jet on Pepsin Structure and Function*, IEEE Transactions On Plasma Science, **40 (11)** (2012) 2980-2985.  
(AIS: 0.363 , IF: 0.868)

### Articole publicate în volumul unor manifestări științifice naționale și internaționale

1. **Roxana Jijie** and Ionut Topala, *Study of Protein Thermal Denaturation using UV-VIS Spectroscopy*, Revista Științifică “V. Adamachi” (2011).
2. **Roxana Jijie**, Valentin Pohoata and Ionut Topala, *Study of Protein Thermal Aggregation Process By Rayleigh Scattering*, Revista Științifică “V. Adamachi”(2012).
3. **Roxana Jijie**, Valentin Pohoata, Ionut Topala, *Rayleigh Scattering Study of Bovine Serum Albumin Thermal Aggregation After Exposure to Barrier Discharge Helium Plasma Jet*, Proceedings of the 11<sup>th</sup> International Conference on Global Research and Education– INTER-ACADEMIA (2012)
4. **Roxana Jijie**, Alexandra Demeter, Valentin Pohoata and Ionut Topala, *Effects of helium atmospheric pressure plasma jet on the BSA structure and thermal induced aggregation*, Proceedings of The XXXI International Conference on Phenomena in Ionized Gases - ICPIG (2013).