



## Școala Doctorală de Chimie

### TEMATICA PENTRU CONCURSUL DE ADMITERE LA DOCTORAT sesiunea septembrie 2022

**Prof. univ. dr. habil. Cecilia ARSENE**

- 1. Aerosoli atmosferici generați prin arderea biomasei și a biocombustibililor. Caracterizare fizico-chimică și reactivitate în condiții atmosferice reale și simulate (ro)**  
*Atmospheric aerosols from biomass and biofuels burning. Physico-chemical characterization and reactivity under real and simulated atmospheric conditions (en)*

#### **Bibliografie/References**

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5. Liu-Kang, C., Gallimore, P.J., Liu, T., Abbat, J.P.D., Photoreaction of biomass burning brown carbon aerosol particles, *Environmental Science: Atmosphere*, 2, 270-277, **2022**.

- 2. Hidrocarburi aromatice policiclice și derivați ai acestora în atmosfera zonei urbane Iași, nord-estul României. Atribuirea surselor și estimarea riscurilor asupra sănătății umane (ro)**

*Polycyclic aromatic hydrocarbons (PAHs) and their derivatives in the atmosphere of the Iasi urban area, north-eastern Romania: Sources apportionment and health risk assessments (en)*

#### **Bibliografie/References**

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