

PhD. Student Maria-Lavinia Popa (cas. Cobianu)
List of papers that include data from the thesis

PAPERS LIST

1. **Popa-Cobianu, M.-L.,** Stefan-van Staden, R.-I., & Ilie-Mihai, R.-M. (2025). Electroanalysis of Patulin. *University Politehnica of Bucharest Scientific Bulletin*, 87(4), 67-74. IF=0.5

2. **Popa-Cobianu, M.L.,** Stefan-van Staden, R. I., Gheorghe, D. C., & Surdu-Bob, C. C. (2025). 2D Disposable Textile Stochastic Sensors Based on Nanolayer of Diamond Like Carbon – Ag Modified with Cyclodextrins for Fast Diagnosis of Hepatitis C. *Journal of the Electrochemical Society*, 172(4), 047519. <https://doi.org/10.1149/1945-7111/adcb0> **Q2** IF=3.3

3. **Popa-Cobianu, L.M.,** Stefan-van Staden, R. I., & Gheorghe, D.C. (2025). Stochastic sensing strip for the determination of deoxynivalenol in urine. *Analytical Letters*, 1–7. <https://doi.org/10.1080/00032719.2025.2532159> **Q3** IF=1.8

4. **Popa-Cobianu, L. M.,** Stefan-van Staden, R. I., & Gheorghe, D.C. (2025). Sensing strips for on-site determination of ochratoxin A in milk and wine. *Food Chemistry*, 493, 145679. <https://doi.org/10.1016/j.foodchem.2025.145679> **Q1** IF=9.8

5. Stefan-van Staden, R. I., **Popa-Cobianu, L.M.,** Gheorghe, D. C., & Surdu-Bob, C. C. (2024). 2D Disposable Textile Stochastic Sensors Based on a Nanolayer of Diamond Like Carbon – Ag Modified with Metalloporphyrins for On-Site Assessment of Patulin in Apple Juice. *Journal of the Electrochemical Society*. 171(12), 127502. <https://doi.org/10.1149/1945-7111/ad97e9> **Q1** IF=3.3

SCIENTIFIC MEETINGS ATTENDED

- 1. Popa-Cobianu, M.-L.,** Stefan-van Staden, R.-I., Gheorghe, D.-C., & Surdu-Bob, C.-C. (2025, May 26–27). 2D disposable textile stochastic sensors based on nanolayer of diamond like carbon – Ag modified with cyclodextrins for fast diagnosis of hepatitis C [Poster presentation]. Eurachem Workshop: Complex Matrices – Applications, Laboratory Standards, and Accreditation, Bucharest, Romania.
- 2. Popa-Cobianu, M.-L.,** Stefan-van Staden, R.-I., Gheorghe, D.-C., & Surdu-Bob, C.-C. (2025, May 26–27). 2D disposable textile stochastic sensors based on a nanolayer of diamond like carbon – Ag modified with metalloporphyrins for on-site assessment of patulin in apple juice [Poster presentation]. Eurachem Workshop: Complex Matrices – Applications, Laboratory Standards, and Accreditation, Bucharest, Romania.
- 3. Popa-Cobianu, M.-L.,** Stefan-van Staden, R.-I., & Gheorghe, D.-C. (2025, May 22–23). Electroanalysis of ochratoxine A in food samples [Oral presentation]. NeXT-Chem VII, Exploratory Workshop NeXT-Chem: Innovative Cross-Sectoral Technologies, Bucharest, Romania.
- 4. Popa-Cobianu, M.-L.,** Stefan-van Staden, R.-I., & Gheorghe, D.-C. (2025, May 22–23). Electroanalysis of deoxynivalenol in urine samples [Oral presentation]. NeXT-Chem VII, Exploratory Workshop NeXT-Chem: Innovative Cross-Sectoral Technologies, Bucharest, Romania.