

PhD. Student Damaris-Cristina Gheorghe
List of papers that include data from the thesis

PAPERS LIST (Total IF = 27.8)

ARTICOLE TIP REVIEW

IF = 4.2

1. **Gheorghe, D.C.**; Stefan-van Staden, R.I.; van Staden, J.K.F. *Mini-Review: Electrochemical Sensors Used for the Determination of Water-and Fat-Soluble Vitamins: B, D, K*. Crit. Rev. Anal. Chem. **54(1)**, (2022) 1-10. **IF=4.2**

ORIGINAL ARTICLES

IF = 23.6

2. Stefan-van Staden, R.I.; **Gheorghe, D.C.**; Ilie-Mihai, R.M., Tudoran, L.B. and Pruneanu, S.M. *Stochastic biosensors based on N-and S-doped graphene for the enantioanalysis of aspartic acid in biological samples*. RSC Adv. **11(38)**, (2021) 23301-23309. **IF=3.9**
3. **Gheorghe, D.C.**; Ilie-Mihai, R.M.; Stefan-van Staden, R.I.; Lungu-Moscalu, A.; van Staden, J.K.F. *Fast screening method for early diagnostic of gastric cancer based on utilization of a chitosan-S-doped graphene-based needle stochastic sensors*. J. Pharm. Biomed. Anal. **214**, (2022) 114725. **IF=3.1**
4. Ilie-Mihai, R.M.; **Gheorghe, D.C.**; Stefan-van Staden, R.I.; Lungu-Moscalu, A., Pruneanu, S.M.; van Staden, J.F. *Fast screening method of biological samples based on needle stochastic sensors for early detection of gastric cancer*. Rev. Chim. **72**, (2021), 22-34.
5. Stefan-van Staden, R.I.; **Gheorghe, D.C.** *Molecular recognition and quantification of HER-3, HER-4 and HRG- α in whole blood and tissue samples using stochastic sensors*. Micromachines **13(10)**, (2022) 1749. **IF=3.0**
6. **Gheorghe, D.C.**; Stefan-van Staden, R.I.; Pogacean, F.; Pruneanu, S. *Simultaneous analysis of MLH1, MSH2, MSH6, PMS2 and KRAS in patients with gastric and colon cancer using stochastic sensors*. Chemosensors **10(10)**, (2022) 380. **IF =3.7**
7. **Gheorghe, D.C.**; Stefan-Van Staden, R.I.; Ilie-Mihai, R.M.; Sfirloaga, P. *Nanoplatfrom-based analysis for the detection of HER3 and HER4 for gastric cancer diagnosis*. Nanotechnol. **34(34)**, (2023) 345101. **IF =2.9**
8. **Gheorghe, D.C.**; van Staden, J.K.F.; Stefan-van Staden, R.I.; Sfirloaga, P. *Gold nanoparticles/nanographene-based 3D sensors integrated in mini-platforms for thiamine detection*. Sensors **23(1)**, (2022) 344. **IF =3.4**
9. Stefan-van Staden, R.I.; **Gheorghe, D.C.**; Ilie-Mihai, R.M. *Molecular Recognition of VSIG1 in Biological Samples for Fast Diagnosis of Gastric Cancer*. J. Electrochem. Soc. (2024). **IF =3.1**

10. **Gheorghe, D.C.**; Stefan-van Staden, R.I. *Enantioanalysis of Lysine in Whole Blood – a Test that May Contribute to Early Diagnosis Of Breast Cancer*. U.P.B. Sci. Bull. Series B. (2024). **IF=0.5**

SCIENTIFIC MEETINGS ATTENDED

1. Stefan-van Staden Raluca-Ioana, **Gheorghe Damaris-Cristina**, Ilie-Mihai Ruxandra-Maria, PS2-09. New challenges in early diagnosis of cancer, Euroanalysis XXI, p. 246, Geneva, Switzerland, 27-31 August, 2023. (POSTER)
2. Ilie-Mihai Ruxandra-Maria, Stefan-van Staden Raluca-Ioana, Bratei Adrian-Alexandru, **Gheorghe Damaris-Cristina**, Tuchi Bianca Maria, OP9-5-3. DNA mismatch repair assessment in gastric and colon cancers using stochastic microdisks, Euroanalysis XXI, S9-5 DAC Study Group, Geneva, Switzerland, 27-31 August, 2023. (PREZENTARE ORALĂ)
3. **Gheorghe Damaris-Cristina**, Stefan-van Staden Raluca-Ioana, Ilie-Mihai Ruxandra-Maria, OP4-4-3. Fast screening of biological fluids for VSIG1 – a diagnostic tool for gastric cancer, Euroanalysis XXI, p. 128, Geneva, Switzerland, 27-31 August, 2023. (PREZENTARE ORALĂ)
4. Ilie-Mihai Ruxandra-Maria, Stefan-van Staden Raluca-Ioana, Bratei Adrian-Alexandru, **Gheorghe Damaris-Cristina**, PS2-26. Stochastic sensors as new tools for the assay of CA72-4, CA19-9, CA12-5 and CEA in biological samples, Euroanalysis XXI, p. 255-256, Geneva, Switzerland, 27-31 August, 2023. (POSTER)
5. **Gheorghe Damaris-Cristina**, Stefan-van Staden Raluca-Ioana, Ilie-Mihai Ruxandra-Maria, Negut Catalina. New trends in clinical analysis, Invited Key Note Speaker the 5th ROICAC edition, Bucharest, Romania.