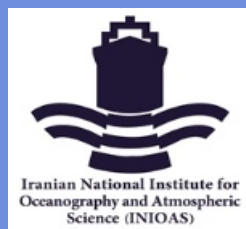


Curriculum Vitae

Dr. Kamalodin Kor



Assistant Professor in **Analytical Chemistry**

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Academic Background

- Ph.D. in Analytical Chemistry, Damghan, Iran, 2015
- M.S. in Analytical Chemistry, Damghan, Iran, 2010
- B.Sc. in Applied Chemistry, Arak, Iran, 2004

Positions & Work Experiences & Memberships

- Faculty Member, Marine Science, Iranian National Institute for Oceanography and Atmospheric Science, Iran
- Membership in International Association of Advanced Materials (IAAM), Sweden

Teaching Experiences

- Chemistry Lecturer at Damghan University (2011-2014)
- Chemistry Lecturer at Baharan Non-Profit Non-Government of Higher Education (2015-2016)
- Chemistry Lecturer at Gorgan University of Agricultural Sciences and Natural Resources (2015-2016)

Research Activities

Research Interest

- Electrochemical Sensors and Biosensors
- Marine Pollution
- Chemometrics
- Marine Chemistry

2016:

- **Kamalodin Kor**, Anthony P.F. Turner, Kobra Zarei, Morteza Atabati, Valerio Beni, Wing Cheung Mak, Structurally responsive oligonucleotide-based single-probe lateral-flow test for detection of miRNA-21 mimics, *Analytical and Bioanalytical Chemistry*, 408 (2016) 1475-1485.
- **K. Kor**, K. Zarei, Development and characterization of an electrochemical sensor for furosemide detection based on electropolymerized molecularly imprinted polymer, *Talanta*, 146 (2016) 181-187.

2015:

- K. Zarei, L. Fatemi, **K. Kor**, Stripping Voltammetric Determination of Nicardipine Using β -Cyclodextrin Incorporated Carbon Nanotube-Modified Glassy Carbon Electrode, *Journal of Analytical Chemistry*, 70 (2015) 615-620.

2014:

- K. Zarei, M. Atabati, **K. Kor**, Bee Algorithm and Adaptive Neuro-Fuzzy Inference System as Tools for QSAR Study Toxicity of Substituted Benzenes to *Tetrahymena pyriformis*, *Bul. Environ. Contam. Toxicol.*, 92 (2014) 642-649.
- **K. Kor**, K. Zarei, Electrochemical determination of chloramphenicol on glassy carbon electrode modified with multi-walled carbon nanotube–cetyltrimethylammonium bromide–poly(diphenylamine), *J. Electroanal. Chem.*, 733 (2014) 39-46.
- K. Zarei, E. Teymori, **K. Kor**, Very sensitive differential pulse adsorptive stripping voltammetric determination of 4-nitrophenol at poly (diphenylamine)/multi-walled carbon nanotube- β -cyclodextrin-modified glassy carbon electrode, *Int. J. Environ. Anal. Chem.*, 94 (2014) 1407-1421.

2013:

- **K. Kor**, K. Zarei, β -Cyclodextrin Incorporated Carbon Nanotube Paste Electrode as Electrochemical Sensor for Nifedipine, *Electroanalysis*, 25 (2013) 1497-1504.

2012:

- **K. Kor**, K. Zarei, M. Atabati, Shuffling multivariate adaptive regression splines for QSPR correlation of the melting point of pyridinium bromides, potential ionic liquids, *Rev. Roum. Chim.*, 57 (2012) 615-622.
- Soleymanpour, B. Shafaatian, **K. Kor**, A. Hasaninejad, Coated wire lead(II)-selective electrode based on a Schiff base ionophore for low concentration measurements, *Monatshefte für Chemie - Chemical Monthly*, 143 (2012) 181-188.

Conferences

- **Kamalodin Kor**, Anthony Turner, Kobra Zarei, Morteza Atabati, Valerio Beni, Wing Cheung Mak, *Combining structure responsive probes and lateral-flow test; a simple and rapid approach miRNA-21 detection*, in proceeding of the 2nd International Congress on Biosensors, Gediz University, Izmir, Turkey (June 2015).
- **Kamalodin Kor**, Kobra Zarei, Morteza Atabati, *A novel electrochemical sensor for furosemide based on electropolymerized molecularly imprinted poly(o-phenylenediamine)*, in proceeding of the Sweden-Japan

seminar on nanomaterials and nanotechnology (SJS-Nano), Linköping, Sweden (March 2015).

- **Kamalodin Kor**, Kobra Zarei, *Carbon Nanotube Paste Electrode as Electrochemical Sensor for Nifedipine*, in proceeding of the 8th Iranian Annual Seminar of Electrochemistry, Babolsar, Iran (January 2013).
- **Kamalodin Kor**, Ahmad Soleymanpour, *Sulfate-Selective Carbon Paste Electrode Based on Zirconium Schiff Base Complex*, in proceedings of the 9th Iranian Biennial Electrochemistry Conference, Yazd, Iran (January 2011).
- **Kamalodin Kor**, Kobra Zarei, Morteza Atabati, *QSPR Correlation of the Melting Point for Pyridinium Bromides Ionic Liquids Using MARS*, in proceedings of the 15th Iranian Chemistry Congress (ICC 2011), Hamedan, Iran (September 2011).

Projects

- Structurally responsive oligonucleotide-based single-probe lateral-flow test for detection of miRNA-21, Linköping University, Linköping, Sweden (2014-2015).