

In the name of God

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Research Areas:

Electrochemistry
Potentiometry
Sensors
Electrosynthesis
Ion Selective Electrodes
Solid phase Microextraction
Drug Determination
Schiff Base
DNA Interaction

List of publications:

1. M. Shamsipur, **A. Soleymanpour**, M. Akhond, H. Sharghi, M.A. Nasser, Iodide-selective carbon paste electrodes based on recently synthesized Schiff base complexes of Fe(III), *Anal. Chim. Acta* 450 (2001) 37–44.
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11. D. Ajloo, B. Yoonesi, **A. Soleymanpour**, Solvent effect on the reduction potential of anthraquinones derivatives; the experimental and computational studies, *Internat. J. Electrochem. Sci.*, 5 (2010), 459-457.
12. **A. Soleymanpour**, S. Abdifar, R. Bani, Development of a new coated graphite phenylephrine potentiometric sensor and its applications to pharmaceutical and biological analysis, *Electroanalysis*, 23 (2011), 2813-2821.
13. **A. Soleymanpour**, B. Shafaatian, K. Kor, A.R. Hasaninejad, Coated wire lead(II)-selective electrode based on a Schiff base ionophore for low concentration measurements, *Monatsh Chem.* 143 (2012) 181-188.
14. **A. Soleymanpour**, B. Shafaatian, H.S. Mirfakhraei, A. Rezaeifard, Development of a new chemically modified carbon paste electrode for selective determination of urinary and serum oxalate concentration, *Talanta*, 116 (2013) 427-433.
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28. B. Shafaatian, S. O. Sadati, A. Soleymanpour, F. Amouzad, Highly Selective Solid Contact Sensor for Low Level Concentration Measurements of Iron(III) in Pharmaceutical and Biological Media, *J. Anal. Chem.*, 73 (2018) 1187-1193.

List of Presentations in Conferences

1. M. Shamsipur, **A. Soleymanpour**, M. Akhond, H. Sharghi, M.A. Nasser, Iodide-selective carbon paste electrodes based on recently synthesized Schiff base complexes of Fe(III), *10th Iranian Seminar of Analytical Chemistry*, Sharif University of Technology, Tehran, Iran (2001).
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8. **A. Soleymanpour**, E. Hamidi, S. M. Nabavizadeh, Novel perchlorate selective membrane electrode based on new synthesized arylplatinum(II) complexes, *14th Iranian Seminar of Analytical Chemistry*, University of Birjand, Birjand, Iran (2005).
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15. **A. Soleymanpour**, S. Abdifar, New coated graphite ion selective electrode for determination of phenylephrine drug, *6th annual Electrochemistry Seminar of Iran*, Kish, Iran (2010).

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