



Themistocles P. Hadjiioannou

Professor Emeritus



Education

B.Sc. in Chemistry, University of Thessaloniki (1951)
M.Sc. in Chemistry (1958), University of Illinois (1958)
Ph.D. in Chemistry (Analytical Chemistry), University of Illinois (1960)
Post Doctoral studies at the University of Illinois, Urbana (1961-62)



Research Field of Interest

1. Electroanalytical Chemistry (Ion Selective Electrodes, Potentiometric Titrations)]
2. Flow Injection Analysis
3. Reaction Rate Methods
4. Spectrophotometry



Teaching



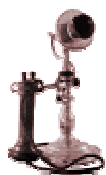
Book Authorship

1. "Qualitative Analysis and Chemical Equilibrium" (Athens, 1972, In Greek)
2. "Laboratory Experiments in Quantitative Analytical Chemistry" (Athens, 1980, in Greek)
3. "Problems in Analytical Chemistry" (Athens, 1984, in Greek, 2 co-authors)
4. "Problems Solving in Analytical Chemistry" (Pergammon Press, 1989, in English, 3 co- authors)
5. "Instrumental Analysis" (Athens, 1990, in Greek, 1 co-author)
6. "Instrumental Analytical Techniques" (Athens, 1992, in Greek, 1 co-author).
7. "Quantitative Calculations in Pharmaceutical Practice and Research" (VCH, 1993, in English, 3 co-authors)
8. "Chemical Equilibrium and Inorganic Qualitative Semimicro Analysis" (Athens, 1993, in Greek)

Selected Papers



1. C.E. EFSTATHIOU, T.P. HADJIIOANNOU: "Analytical and other applications of periodate-ion selective electrodes", *Reviews in Analytical Chemistry*, 14(4), 253-278 (1995).
2. M.KOUPPARIS, P.ANAGNOSTOPOULOU, C.GEORGIOU and T.P.HADJIIOANNOU: "Automation of the batch method for reaction kinetic studies using flow injection analysis. Kinetic study of hydrolysis of N4-acetylsulfanilamide, acetylsalicylic acid and phenyl phosphate", *Analytical Letters*, 25, 2305-2327 (1992).
3. J. G. PENTARI, C. E. EFSTATHIOU and T. P. HADJIIOANNOU: "Kinetic Determination of EDTA and Citrate by the Displacement of Fluoride from Al^{3+} -F- Complexes and Use of a Fluoride Ion-Selective Electrode", *Talanta*, 38, 295-301 (1991).
4. S. V. PSAROUDAKIS, C. E. EFSTATHIOU and T. P. HADJIIOANNOU: "Determination of Trace Amounts of Indium in Sphalerites by Potentiometric Stripping Analysis", *Analytical Letters*, 22 (7), 1753-1763(1989).
5. I.I KOUKLI, A.C. CALOKERINOS, T.P. HADJIIOANNOU: "Continuous-Flow Chemiluminescence Determination of Acetaminophen by Reduction of Cerium(IV)", *Analyst*, 114, 711-714(1989).
6. A.V MITSANA-PAPAZOGLU, T.K.CHRISTOPOULOS, E.P.DIAMANDIS and T.P HADJIIOANNOU: "Construction of Ion-Selective Electrodes for Chlorpromazine, Amitriptyline, Propantheline and Meperidine: Analytical Study and Application to Pharmaceutical Analysis", *Analyst*, 110, 1091-1094(1985).
7. E.P. DIAMANTIS, D.S. PAPASTATHOPOULOS and T.P. HADJIIOANNOU: "Continuous-Flow Serum Albumin Determination by Reaction with Picrate Ions, with Use of a Flow-Through Picrate Ion Electrode", *Clinical Chem.* 27, 427-430(1981).
8. L.A. LAZAROU, T.P. HADJIIOANNOU: "Kinetic Study of the Iron(II)-Induced Perbromate-Iodide Reaction with an Iodide Ion Selective Electrode and Kinetic Determination of Iron, Perbromate, Ethylenediamine-tetraacetic Acid, Diethylenetriaminepentaacetic Acid and Ethyleneglycol-Bis(2-amino-ethyl ether)-N,N,N',N'-tetraacetic Acid", *Analyt. Chem.*, 51, 790-796(1979).



Contact

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