

PUBLICATIONS 1990

1. R. Cortès, M. Froment, A. Hugot-Le Goff, S. Joiret, “*Characterization of passive films on Ni and Ni alloys by reflEXAFS and Raman spectroscopy*”, Corrosion Science, **31** (1990)121-127. [10.1016/0010-938X\(90\)90099-Q](https://doi.org/10.1016/0010-938X(90)90099-Q)
2. C. Gabrielli, M. Keddam, H. Takenouti, “*New advances in the investigation of passivation mechanisms and passivity by combination of a.c. relaxation techniques : impedance, rrde and quartz electrogravimetry*”, Corrosion Science, **31** (1990) 129-137. [10.1016/0010-938X\(90\)90100-J](https://doi.org/10.1016/0010-938X(90)90100-J)
3. J. Hazan, C. Coddet, M. Keddam, “*Study of chromate coatings on zinc by means of D.C, A.C and gravimetric methods in alkaline electrolyte – correlation to humid-storage test and to Cr Vi content of the conversion film*”, Corrosion Science, **31** (1990) 313-318. [10.1016/0010-938X\(90\)90125-O](https://doi.org/10.1016/0010-938X(90)90125-O)
4. A. Benzekri, R. Carranza, M. Keddam, H. Takenouti, “*Ac response of RRDE during the passivation of iron*”, Corrosion Science, **31** (1990) 627-635. [10.1016/0010-938X\(90\)90172-2](https://doi.org/10.1016/0010-938X(90)90172-2)
5. C. Cachet, B. Saidani, R. Wiart, “*Charge et décharge de l'électrode de zinc en milieu alcalin à travers une couche inhibitrice interfaciale*”, Revue Générale d'Electricité, **3** (1990) 20-24. <https://pascal-francis.inist.fr/>
6. L. Beaunier, F. Salihi, “*Grain boundaries corrosion of Ni-Mo alloys by electrochemical etching*”, J. de Physique, **51** (1990) C1-429-C1-434. [10.1051/jphyscol:1990166](https://doi.org/10.1051/jphyscol:1990166)
7. C. Vignaud, L. Beaunier, M. Biscondi, “*Grain boundary corrosion, structure and segregation in nickel bicrystals*”, J. de Physique, **51** (1990) C1-697-C1-702. [10.1051/jphyscol:19901111](https://doi.org/10.1051/jphyscol:19901111)
8. J.P. Briand, G. Ban, M. Froment, M. Keddam, F. Abel, “*Cold fusion rates in titanium foils*”, Physics Letters A, **145** (1990) 187-191. [10.1016/0375-9601\(90\)90677-G](https://doi.org/10.1016/0375-9601(90)90677-G)
9. S. Fouache-Ayoub, M. Garreau, P.V.S.S. Prabhu, J. Thevenin, “*Mass-transport properties of lithium surface layers formed in sulfolane-based electrolytes*”, J. Electrochem. Soc., **137** (1990) 1659-1665. [10.1149/1.2086767](https://doi.org/10.1149/1.2086767)
10. V. Sobolik, O. Wein, O. Gil, B. Tribollet, “*Three-segment electrodiffusion probes for measuring velocity fields close to a wall*”, Experiments in Fluids, **9** (1990) 43-48. [10.1007/BF00575334](https://doi.org/10.1007/BF00575334)
11. H. Cachet, M. Froment, A. Messad, “*Photoinduced metal deposition on sprayed SnO₂ films*”, J. Electroanal. Chem., **284** (1990) 263-268. [10.1016/0022-0728\(90\)87079-Y](https://doi.org/10.1016/0022-0728(90)87079-Y)
12. C. Deslouis, O. Gil, V. Sobolik, “*Electrodiffusional probe for measurement of the wall shear rate vector*”, Int. J. Heat Mass Transfer, **33** (1990) 1363-1366. [10.1016/0017-9310\(90\)90266-W](https://doi.org/10.1016/0017-9310(90)90266-W)
13. P. Allongue, E. Souteyrand, “*Metal electrodeposition on semiconductors. Part I. Comparison with glassy carbon in the case of platinum deposition*”, J. Electroanal. Chem., **286** (1990) 217-237. [10.1016/0022-0728\(90\)85074-F](https://doi.org/10.1016/0022-0728(90)85074-F)

14. R. Wiart, “*Elementary steps of electrodeposition analysed by means of impedance spectroscopy*”, *Electrochim. Acta*, **35** (1990) 1587-1593. [10.1016/0013-4686\(90\)80014-F](https://doi.org/10.1016/0013-4686(90)80014-F)
15. O. Aaboubi, J.P. Chopart, J. Douglade, A. Olivier, C. Gabrielli, B. Tribollet, “*Magnetic fields effects on mass transport*”, *J. Electrochem. Soc.*, **137** (1990) 1796-1804. [10.1149/1.2086807](https://doi.org/10.1149/1.2086807)
16. C. Deslouis, O. Gil, B. Tribollet, “*Frequency response of electrochemical sensors to hydrodynamic fluctuations*”, *J. Fluid Mech.*, **215** (1990) 85-100. [10.1017/S0022112090002567](https://doi.org/10.1017/S0022112090002567)
17. R. Wiart, C. Cachet, C. Bozhkov, S. Rashkov, “*On the nature of the ‘induction period’ during the electro-winning of zinc from nickel containing sulphate electrolytes*”, *J. Applied Electrochem.*, **20** (1990) 381-389. [10.1007/BF01076045](https://doi.org/10.1007/BF01076045)
18. C. Gabrielli, F. Huet, M. Keddam, R. Oltra, “*A review of the probabilistic aspects of localized corrosion*”, *Corrosion Nace*, **46** (1990) 266-278. [10.5006/1.3585102](https://doi.org/10.5006/1.3585102)
19. S. Chechirlian, P. Eichner, M. Keddam, H. Takenouti, H. Mazille, “*A specific aspect of impedance measurements in low conductivity media. Artefacts and their interpretations*”, *Electrochim. Acta*, **35** (1990) 1125-1131. [10.1016/0013-4686\(90\)80027-L](https://doi.org/10.1016/0013-4686(90)80027-L)
20. C. Deslouis, M.M. Musiani, B. Tribollet, “*Mediated oxidation of hydroquinone on poly(N-ethylcarbazole) : analysis of transport and kinetic phenomena by impedance techniques*”, *Synthetic Metals*, **38** (1990) 195-203. [10.1016/0379-6779\(90\)90104-S](https://doi.org/10.1016/0379-6779(90)90104-S)
21. C. Deslouis, B. Tribollet, “*Flow modulation technique and EHD impedance : a tool for electrode processes and hydrodynamic studies*”, *Electrochim. Acta*, **35** (1990) 1637-1648. [10.1016/0013-4686\(90\)80020-O](https://doi.org/10.1016/0013-4686(90)80020-O)
22. J.P. Briand, M. Froment, “*La fusion « froide » : 15 mois après*”, *La Recherche*, **225** (1990) 1282-1284.
23. J. Daillant, L. Bosio, J.J. Benattar, “*X-ray reflectivity study of the liquid-expanded liquid-condensed phase transition*”, *Europhysics Letters*, **12** (1990) 715-720. [10.1209/0295-5075/12/8/008](https://doi.org/10.1209/0295-5075/12/8/008)
24. C. Gabrielli, M. Keddam, H. Takenouti, “*New trends in the investigation of electrochemical systems by impedance techniques : multi-transfer function analysis*”, *Electrochim. Acta*, **35** (1990) 1553-1557. [10.1016/0013-4686\(90\)80009-D](https://doi.org/10.1016/0013-4686(90)80009-D)
25. R. Oltra, M. Keddam, “*Application of EIS to localized corrosion*”, *Electrochim. Acta*, **35** (1990) 1619-1629. [10.1016/0013-4686\(90\)80018-J](https://doi.org/10.1016/0013-4686(90)80018-J)
26. J. Daillant, J.J. Benattar, L. Bosio, “*X-ray reflectivity study of monolayers of amphiphilics at the air-water interface*”, *J. Physics : Condensed Matter*, **2** (1990) 405-410. [10.1088/0953-8984/2/S/064](https://doi.org/10.1088/0953-8984/2/S/064)
27. C. Cachet, R. Wiart, “*Zinc deposition and passivated hydrogen evolution in highly acidic sulphate electrolytes : depassivation by nickel impurities*”, *J. Applied Electrochem.*, **20** (1990) 1009-1014. [10.1007/BF01019581](https://doi.org/10.1007/BF01019581)

28. C. Kollia, N. Spyrellis, J. Amblard, M. Froment, G. Maurin, “Nickel plating by pulse electrolysis: textural and microstructural modifications due to adsorption/desorption phenomena”, *J. Applied Electrochem.*, **20** (1990) 1025-1032. [10.1007/BF01019584](https://doi.org/10.1007/BF01019584)
29. A. Hugot-Le Goff, J. Flis, N. Boucherit, S. Joiret, J. Wilinski, “Use of Raman spectroscopy and rotating split ring disk electrode for identification of surface layers on iron in 1M NaOH”, *J. Electrochem. Soc.*, **137** (1990) 2684-2690. [10.1149/1.2087010](https://doi.org/10.1149/1.2087010)
30. C. Deslouis, O. Gil, B. Tribollet, “Frequency response of electrochemical sensors in a cone-and-plate modulated flow”, *Int. J. Heat Mass Transfer*, **33** (1990) 2525-2532. [10.1016/0017-9310\(90\)90010-R](https://doi.org/10.1016/0017-9310(90)90010-R)
31. M.C. Hugon, C. Arena, B. Agius, M. Froment, F. Varnière, C. Vignaud, “Structure and properties of rf magnetron sputtered W films”, *Microsc. Microanal. Microstruct.*, **2** (1990) 175-187. [10.1051/mmm:0199000103017500](https://doi.org/10.1051/mmm:0199000103017500)
32. C. Gauthier, I. Ascone, J. Goulon, R. Cortès, J.M. Barbe, R. Guillard, “First experimental evidence of circularly polarized X-ray excited optical luminescence (XEOL) from chiral Eu³⁺ complexes”, *Chemical Physics*, **147** (1990) 165-172. [10.1016/0301-0104\(90\)85032-R](https://doi.org/10.1016/0301-0104(90)85032-R)
33. S. Cordoba-Torresi, C. Gabrielli, M. Keddam, H. Takenouti, R. Torresi, “Role of ion exchange in the redox processes of a polyaniline film studied by an ac quartz crystal microbalance”, *J. Electroanal. Chem.*, **290** (1990) 269-274. [10.1016/0022-0728\(90\)87437-O](https://doi.org/10.1016/0022-0728(90)87437-O)
34. T. Clessienne, C. Gabrielli, F. Huet, G. Molle, G. Spach, “Analysis of the alamethicin induced single channel conductance fluctuations in lipid bilayers as a birth and death process”, *J. Electroanal. Chem.*, **296** (1990) 429-444. [10.1016/0022-0728\(90\)87263-J](https://doi.org/10.1016/0022-0728(90)87263-J)
35. I. Pezron, M. Djabourov, L. Bosio, J. Leblond, “X-ray diffraction of gelatin fibers in the dry and swollen states”, *J. Polymer Science B : Polymer Physics*, **28** (1990) 1823-1839. [10.1002/polb.1990.090281013](https://doi.org/10.1002/polb.1990.090281013)
36. S. Ferdjani, D. David, G. Béranger, A. Hugot-Le Goff, S. Hild, E.A. Garcia, “Oxydation anodique du titane en milieu phosphorique. Etude analytique et structurale de l’oxyde”, *Microsc. Microanal. Microstruct.*, **1** (1990) 275-287. [10.1051/mmm:0199000104027500](https://doi.org/10.1051/mmm:0199000104027500)
37. R.P. Frankenthal, J.R. Galvane, K.E. Heusler, R.W. Staehle, M.B. Ives, M. Froment & al, “The present status and prospects of corrosion science and engineering –round table discussion”, *Corrosion Science*, **31** (1990) 763-768. [10.1016/0010-938X\(90\)90194-A](https://doi.org/10.1016/0010-938X(90)90194-A)

PUBLICATIONS 1991

1. P. Allongue, R. Tenne, “Primary reactions in the photocorrosion of CdSe through photocapacitance measurements”, *J. Electrochem. Soc.*, **138** (1991) 261-298. [10.1149/1.2085553](https://doi.org/10.1149/1.2085553)
2. D. Thierry, D. Persson, C. Leygraf, N. Boucherit, A. Hugot-Le Goff, “Raman spectroscopy and XPS investigations of anodic corrosion films formed on Fe-Mo alloys in alkaline solutions”, *Corrosion Science*, **32** (1991) 273-284. [10.1016/0010-938X\(91\)90073-X](https://doi.org/10.1016/0010-938X(91)90073-X)

3. J. Daillant, L. Bosio, B. Harzallah, J.J. Benattar, “*Structural properties and elasticity of amphiphilics on water*”, J. Phys. II, **1** (1991) 149-170. [10.1051/jp2:1991102](https://doi.org/10.1051/jp2:1991102) ([jpa-00247504](#))
4. P. Allongue, S. Blonkowski, D. Lincot, “*Study of reaction coupling and interfacial kinetics at semiconductors electrodes by band edge shift measurements*”, J. Electroanal. Chem., **300** (1991) 261-281. [10.1016/0022-0728\(91\)85399-A](https://doi.org/10.1016/0022-0728(91)85399-A)
5. J. Bruneaux, H. Cachet, M. Froment, A. Messad, “*Correlation between structural and electrical properties of sprayed tin oxide films with and without fluorine doping*”, Thin Solid film, **197** (1991) 129-142. [10.1016/0040-6090\(91\)90226-N](https://doi.org/10.1016/0040-6090(91)90226-N)
6. N. Boucherit, A. Hugot-Le Goff, S. Joiret, “*Raman studies of corrosion films grown on Fe and Fe-6Mo in pitting conditions*”, Corrosion Science, **32** (1991) 497-507. [10.1016/0010-938X\(91\)90103-V](https://doi.org/10.1016/0010-938X(91)90103-V)
7. C. Cachet, B. Saïdani, R. Wiart, “*The behavior of zinc electrode in alkaline electrolytes. Part I. A kinetic analysis of cathodic deposition*”, J. Electrochem. Soc., **138** (1991) 678-687. [10.1149/1.2085657](https://doi.org/10.1149/1.2085657)
8. C. Gabrielli, F. Huet, M. Keddam, R. Torresi, “*Investigation of bubble evolution with a quartz crystal microbalance*”, J. Electroanal. Chem., **297** (1991) 515-522. [10.1016/0022-0728\(91\)80046-S](https://doi.org/10.1016/0022-0728(91)80046-S)
9. R. E. Singler, R.A. Willingham, C. Noel, C. Friedrich, L. Bosio, E. Atkins, “*Thermotropic liquid crystalline poly(organophosphazene)*”, Macromolécules, **24** (1991) 510-516. [10.1021/ma00002a026](https://doi.org/10.1021/ma00002a026)
10. Z. Loizos, N. Spyrellis, G. Maurin, D. Pottier, “*Structural and semiconducting characteristics of electrodeposited cadmium chalcogenide thin films*”, Surface and Coatings Technology, **45** (1991) 273-279. [10.1016/0257-8972\(91\)90233-M](https://doi.org/10.1016/0257-8972(91)90233-M)
11. J. Bruneaux, H. Cachet, M. Froment, A. Messad, “*Electrochemical properties of surface modified sprayed SnO₂ films*”, Electrochim. Acta, **36** (1991) 1787-1792. [10.1016/0013-4686\(91\)85045-9](https://doi.org/10.1016/0013-4686(91)85045-9)
12. A. Bizid, L. Bosio, A. Defrain, M. Oumezzine, “*Temperature and pressure-induced phase transitions in ice*”, Phase Transitions, **31** (1991) 187-196. [10.1080/01411599108206929](https://doi.org/10.1080/01411599108206929)
13. M.C. Bellissent-Funel, L. Bosio, J. Teixeira, “*The inelasticity correction for liquid water in neutron scattering*”, J. Physics : Condensed Matter, **3** (1991) 4065-4074. [10.1088/0953-8984/3/22/016](https://doi.org/10.1088/0953-8984/3/22/016)
14. C. Gabrielli, M. Keddam, R. Torresi, “*Calibration of the electrochemical quartz crystal microbalance*”, J. Electrochem. Soc., **9** (1991) 2657-2660. [10.1149/1.2086033](https://doi.org/10.1149/1.2086033)
15. C. Gabrielli, “*Les 1001 utilisations des fonctions de transfert en électrochimie*”, Spectra 2000, **159** (1991) 24-34. base Pascal&Francis

16. J.J. Benattar, J. Daillant, L. Bosio, “Phase transitions elasticity and capillary waves in langmuir monolayers on water : an x-ray optical study”, *Phase Transitions*, **30** (1991) 79-90. [10.1080/01411599108207966](https://doi.org/10.1080/01411599108207966)
17. C. Deslouis, A. Ezzidi, B. Tribollet, “Mass transfer enhancement by suspensions in a shear flow”, *J. Applied Electrochem.*, **21** (1991) 1081-1086. [10.1007/BF01041451](https://doi.org/10.1007/BF01041451)
18. A. La Barbera, A. Mignone, S. Tosto, C. Vignaud, “Intergranular corrosion behaviour of AISI 316 stainless steel electron-beam clad on plain carbon steel”, *J. Materials Science Letters*, **10** (1991) 1370-1373. [10.1007/BF00735681](https://doi.org/10.1007/BF00735681)
19. A. La Barbera, A. Mignone, S. Tosto, C. Vignaud, “Electron beam cladding and alloying of AISI 316 on plain carbon steel : microstructure and electrochemical corrosion behaviour”, *Surface and Coatings Technology*, **46** (1991) 317-329. [10.1016/0257-8972\(91\)90174-U](https://doi.org/10.1016/0257-8972(91)90174-U)
20. C. Gabrielli, F. Huet, M. Keddam, “Real-time measurement of electrolyte resistance fluctuations”, *J. Electrochem. Soc.*, **138** (1991) L82-L84. [10.1149/1.2085517](https://doi.org/10.1149/1.2085517)
21. P. Allongue, S. Blonkowski, “Corrosion of III-V compounds; a comparative study of GaAs and InP. Part I. Electrochemical characterization based on Tafel plot measurements”, *J. Electroanal. Chem.*, **316** (1991) 57-77. [10.1016/0022-0728\(91\)87036-4](https://doi.org/10.1016/0022-0728(91)87036-4)
22. P. Allongue, S. Blonkowski, “Corrosion of III-V compounds; a comparative study of GaAs and InP. Part II. Reaction scheme and influence of surface properties”, *J. Electroanal. Chem.*, **317** (1991) 77-99. [10.1016/0022-0728\(91\)85004-9](https://doi.org/10.1016/0022-0728(91)85004-9)
23. Z. Loizos, N. Spyrellis, G. Maurin, “Electrochemical synthesis of semiconducting CdSe thin films”, *Thin Solid Films*, **204** (1991) 139-149. [10.1016/0040-6090\(91\)90500-W](https://doi.org/10.1016/0040-6090(91)90500-W)
24. C. Deslouis, B. Tribollet, M.A. Vorotyntsev, “Diffusion-convection impedance at small electrodes”, *J. Electrochem. Soc.*, **138** (1991) 2651-2657. [10.1149/1.2086032](https://doi.org/10.1149/1.2086032)
25. D. Thierry, D. Massinon, A. Hugot-Le Goff, “In situ determination of corrosion products formed on painted galvanized steel by Raman spectroscopy”, *J. Electrochem. Soc.*, **138** (1991) 879-880. [10.1149/1.2085702](https://doi.org/10.1149/1.2085702)
26. S.I. Cordoba-Torresi, C. Gabrielli, A. Hugot-Le Goff, R. Torresi, “Electrochromic behavior of nickel oxide electrodes. Part I. Identification of the colored state using quartz crystal microbalance”, *J. Electrochem. Soc.*, **138** (1991) 1548-1553. [10.1149/1.2085830](https://doi.org/10.1149/1.2085830)
27. S.I. Cordoba-Torresi, A. Hugot-Le Goff, S. Joiret, “Electrochromic behavior of nickel oxide electrodes. Part II. Identification of the bleached state by Raman spectroscopy and nuclear reactions”, *J. Electrochem. Soc.*, **138** (1991) 1554-1559. [10.1149/1.2085831](https://doi.org/10.1149/1.2085831)
28. P. Bernard, C. Gabrielli, M. Keddam, H. Takenouti, J. Leonardi, P. Blanchard, “Ac quartz crystal microbalance applied to the studies of the nickel hydroxide behaviour in alkaline solutions”, *Electrochim. Acta*, **36** (1991) 743-746. [10.1016/0013-4686\(91\)85166-5](https://doi.org/10.1016/0013-4686(91)85166-5)
29. J. Daillant, L. Bosio, J.J. Benattar, C. Blot, “Interaction of cations with a fatty acid monolayer. A grazing incidence x-ray fluorescence and reflectivity study”, *Langmuir*, **7** (1991) 611-614. [10.1021/la00052a001](https://doi.org/10.1021/la00052a001)

30. C. Gabrielli, H. Takenouti, O. Haas, A. Tsukada, "Impedance investigation of the charge transport in film-modified electrodes", J. Electroanal. Chem., **302** (1991) 59-89. [10.1016/0022-0728\(91\)85032-K](https://doi.org/10.1016/0022-0728(91)85032-K)
31. C. Zentz, S. El Antri, S. Pin, R. Cortès, A. Massat, M. Simon, B. Alpert, "Alteration of heme axial ligands in hemoglobin by organic solvents analyzed by CD, FTIR, and XANES techniques", Biochemistry, **30** (1991) 2804-2810. [10.1021/bi00225a010](https://doi.org/10.1021/bi00225a010)
32. B. Poumellec, R. Cortès, G. Tourillon, J. Berthon, "Angular dependence of the Ti K edge in rutile TiO₂", Phys. Stat. Sol. (b), **164** (1991) 319-326. [10.1002/pssb.2221640135](https://doi.org/10.1002/pssb.2221640135)
33. M.C. Hugon, B. Agius, F. Varniere, C. Dubon-Chevallier, J.F. Bresse, M. Froment, "Thermally stable low resistance ohmic contacts to n-type gallium arsenide : magnetron cathodic sputter-deposited Ni/nW contacts", Applied Physics Letters, **58** (1991) 2773-2775. [10.1063/1.104782](https://doi.org/10.1063/1.104782)
34. C. Deslouis, M.M. Musiani, C. Pagura, B. Tribollet, "Determination of kinetic parameters of Fe³⁺ reduction mediated by a polyaniline film using steady-state and impedance methods", J. Electrochem. Soc., **9** (1991) 2606-2612. [10.1149/1.2086024](https://doi.org/10.1149/1.2086024)

PUBLICATIONS 1992

1. A. Khalil, P. Sassi, C. Colin, C. Meignen, C. Garnier, C. Gabrielli, M. Keddad, R. Rosset, "Caractérisation du pouvoir incrustant d'une eau par chronoélectrogravimétrie au moyen d'une microbalance à quartz", C.R. Acad. Sci. Paris, **T314**, Série II (1992) 145-149. [C.R. T314-série II](https://doi.org/10.1016/0013-4686(92)85017-F)
2. O.E. Barcia, O.R. Mattos, B. Tribollet, "Anodic dissolution of iron in acid sulfate under mass transport control", J. Electrochem. Soc., **139** (1992) 446-453. [10.1149/1.2069238](https://doi.org/10.1149/1.2069238)
3. C. Cachet, B. Saidani, R. Wiart, "The behavior of zinc electrode in alkaline electrolytes. Part II. A kinetic analysis of anodic dissolution", J. Electrochem. Soc., **139** (1992) 644-654. [10.1149/1.2069279](https://doi.org/10.1149/1.2069279)
4. B. Ba, H. Cachet, B. Fotouhi, O. Gorochoy, "Surface evolution of n-GaAs in contact with acetonitrile solutions studied by electrochemical impedance spectroscopy", Electrochim. Acta, **37** (1992) 309-316. [10.1016/0013-4686\(92\)85017-F](https://doi.org/10.1016/0013-4686(92)85017-F)
5. P. Allongue, S. Blonkowski, E. Souteyrand, "Experimental investigation of charge transfer at the semiconductor/electrolyte junction", Electrochim. Acta, **37** (1992) 781-797. [10.1016/0013-4686\(92\)85032-G](https://doi.org/10.1016/0013-4686(92)85032-G)
6. E. Chassaing, R. Wiart, "Electrocrystallization mechanism of Zn-Ni alloys in chloride electrolytes", Electrochim. Acta, **37** (1992) 545-553. [10.1016/0013-4686\(92\)87047-4](https://doi.org/10.1016/0013-4686(92)87047-4)
7. L. Bosio, G.P. Johari, M. Oumezzine, J. Texeira, "X-ray and neutron scattering studies of the structure of water in a hydrogel", Chem. Phys. Letters, **188** (1992) 113-118. [10.1016/0009-2614\(92\)85098-U](https://doi.org/10.1016/0009-2614(92)85098-U)

8. S. W. Barton, L. Bosio, R. Cortès, F. Rondelez, "X-ray evanescent wave-induced fluorescence study of polymer adsorption below the theta-point", *Europhysics Letters*, **17** (1992) 401-406. [10.1209/0295-5075/17/5/004](https://doi.org/10.1209/0295-5075/17/5/004)
9. F. Rochet, H. Roulet, G. Dufour, S. Carniato, C. Guillot, N. Barrett, M. Froment, "Si(001) vicinal surface oxidation in O₂ : angle-resolved Si 2p core-level study using synchrotron radiation", *Applied Surface Science*, **59** (1992) 117-134. [10.1016/0169-4332\(92\)90296-A](https://doi.org/10.1016/0169-4332(92)90296-A)
10. A. Nemetz, A. Temmink, K. Bange, S. Cordoba-Torresi, C. Gabrielli, R. Torresi, A. Hugot-Le Goff, "Investigations and modelling of e⁻-beam evaporated NiO(OH)_x films", *Solar Energy Materials & Solar Cells*, **25** (1992) 93-103. [10.1016/0927-0248\(92\)90019-L](https://doi.org/10.1016/0927-0248(92)90019-L)
11. M.C. Bernard, S. Cordoba-Torresi, A. Hugot-Le Goff, "Electrochromic phenomena in polyaniline films. Effect of pH and influence of the sweep range on cycling lifetimes studied by in situ Raman spectroscopy", *Solar Energy Materials & Solar Cells*, **25** (1992) 225-240. [10.1016/0927-0248\(92\)90070-6](https://doi.org/10.1016/0927-0248(92)90070-6)
12. M.C. Bernard, A. Hugot-Le Goff, "Redox processes in polyaniline thin film studied by optical multichannel analysis", *Surface and Interface Analysis*, **19** (1992) 27-32. [10.1002/sia.740190109](https://doi.org/10.1002/sia.740190109)
13. C. Deslouis, M. El Rhazi, M.M. Musiani, B. Tribollet, "Influence de l'équilibre de protonation de la polyaniline sur la réaction d'échange de l'ion ferrocyanure", *J. Chim. Phys.*, **89** (1992) 1193-1200. [10.1051/jcp/1992891193](https://doi.org/10.1051/jcp/1992891193)
14. B. Poumellec, R. Cortès, S. Labdi, H. Raffy, B. Roas, C. Fretigny, "Comparative study of the polarized XANES at the Cu K edge of Bi₂Sr₂Ca₁Cu₂O₈, Bi₂Sr₂Ca₂Cu₃O₁₀, and Y₁Ba₂Cu₃O₇ thin films", *Phys. Stat. Sol. (b)*, **170** (1992) 653-673. [10.1002/pssb.2221700231](https://doi.org/10.1002/pssb.2221700231)
15. L. Muresan, L. Oniciu, M. Froment, G. Maurin, "Inhibition of lead electrocrystallization by organic additives", *Electrochim. Acta*, **37** (1992) 2248-2254. [10.1016/0013-4686\(92\)85119-6](https://doi.org/10.1016/0013-4686(92)85119-6)
16. M.C. Bellissent-Funel, L. Bosio, A. Hallbrucker, E. Mayer, R. Sridi-Dorbez, "X-ray and neutron scattering studies of the structure of hyperquenched glassy water", *J. Chem. Phys.*, **97** (1992) 1282-1286. [10.1063/1.463254](https://doi.org/10.1063/1.463254)
17. B. Ba, B. Fotouhi, N. Gabouze, O. Gorochov, H. Cachet, "Dependence of the flat-band potential of n-type GaAs on the redox potential in methanol and acetonitrile", *J. Electroanal. Chem.*, **334** (1992) 263-277. [10.1016/0022-0728\(92\)80577-Q](https://doi.org/10.1016/0022-0728(92)80577-Q)
18. H. Cachet, M. Froment, E. Souteyrand, C. Dennig, "Selective metal deposition on silicon substrates", *J. Electrochem. Soc.*, **139** (1992) 2920-2925. [10.1149/1.2069007](https://doi.org/10.1149/1.2069007)
19. C.A. Ferreira, A. Aeiayach, P.C. Lacaze, P. Bernard, H. Takenouti, "Quartz crystal microbalance study on the electrochemical dissolution of iron in organic media of different acidities. Application to the formation of polypyrrole films on iron electrodes", *J. Electroanal. Chem.*, **323** (1992) 357-360. [10.1016/0022-0728\(92\)80023-W](https://doi.org/10.1016/0022-0728(92)80023-W)
20. A. Jardy, A. Legal Lasalle-Molin, M. Keddam, H. Takenouti, "Copper dissolution in acidic sulphate media studied by QCM and rrde under ac signal", *Electrochim. Acta*, **37** (1992) 2195-2201. [10.1016/0013-4686\(92\)85111-W](https://doi.org/10.1016/0013-4686(92)85111-W)

21. C. Gabrielli, F. Huet, A. Sahar, G. Valentin, "Dynamic analysis of charge transport in fluidized bed electrodes : impedance techniques for electro-inactive beds", J. Applied Electrochem., **22** (1992) 801-809. [10.1007/BF01023721](https://doi.org/10.1007/BF01023721)
22. C. Gabrielli, F. Huet, M. Keddam, "Comparison of sine wave and white noise analysis for electrochemical impedance measurements", J. Electroanal. Chem., **335** (1992) 33-53. [10.1016/0022-0728\(92\)80230-2](https://doi.org/10.1016/0022-0728(92)80230-2)
23. F. Lacour, R. Torresi, C. Gabrielli, A. Caprani, "Comparison of the quartz-crystal microbalance and the double-layer capacitance methods for measuring the kinetics of the adsorption of bovine serum albumin onto a gold electrode", J. Electrochem. Soc., **139** (1992) 1619-1622. [10.1149/1.2069466](https://doi.org/10.1149/1.2069466)
24. A. Khalil, P. Sassi, C. Colin, C. Meignen, C. Garnier, C. Gabrielli, M. Keddam, R. Rosset, "Caractérisation du pouvoir incrustant d'une eau par chronoélectrogravimétrie au moyen d'une microbalance à quartz", T.S.M. L'Eau, **05** (1992) 259-263. [TSM-L'Eau-05](https://doi.org/10.1016/0022-0728(92)80337-4)
25. C. Cachet, M. Keddam, V. Mariotte, R. Wiart, "Adsorption of perfluorinated surfactants on gold electrodes—I. Comparison of non-ionic compounds", Electrochim. Acta, **37** (1992) 2377-2383. [10.1016/0013-4686\(92\)85136-9](https://doi.org/10.1016/0013-4686(92)85136-9)
26. L. Bosio, R. Cortès, G. Folcher, M. Froment, "In situ studies of electrochemical interfaces by grazing angle x-ray reflection", J. Electrochem. Soc., **139** (1992) 2110-2114. [10.1149/1.2221187](https://doi.org/10.1149/1.2221187)
27. C. Deslouis, O. Gil, B. Tribollet, G. Vlachos, B. Robertson, "Oxygen as a tracer for measurements of steady and turbulent flows", J. Applied Electrochem., **22** (1992) 835-842. [10.1007/BF01023727](https://doi.org/10.1007/BF01023727)
28. A.C. West, R.D. Grimm, D. Landolt, C. Deslouis, B. Tribollet, "Electrohydrodynamic impedance study of anodically formed salt films on iron in chloride solution", J. Electroanal. Chem., **330** (1992) 693-706. [10.1016/0022-0728\(92\)80337-4](https://doi.org/10.1016/0022-0728(92)80337-4)
29. P. Allongue, H. Brune, H. Gerischer, "In situ STM observations of the etching of n-Si(111) in NaOH solutions", Surface Science, **275** (1992) 414-423. [10.1016/0039-6028\(92\)90814-M](https://doi.org/10.1016/0039-6028(92)90814-M)
30. D. Lelièvre, L. Bosio, J. Simon, J.J. André, F. Bensebaa, "Dimeric substituted copper phthalocyanine liquid crystals. Synthesis, characterization and magnetic properties", J. Am. Chem. Soc., **114** (1992) 4475-4479. [10.1021/ja00038a005](https://doi.org/10.1021/ja00038a005)
31. M. Keddam, A. Hugot-Le Goff, H. Takenouti, D. Thierry, M.C. Arevalo, "The influence of a thin electrolyte layer on the corrosion process of zinc in chloride-containing solutions", Corrosion Science, **33** (1992) 1243-1252. [10.1016/0010-938X\(92\)90133-N](https://doi.org/10.1016/0010-938X(92)90133-N)
32. A. Le Gal La Salle, A. Jardy, R. Rosset, M. Keddam, A. Caramel, D. Noel, "Corrosion, passivation et protection du cuivre en solutions aqueuses. I. Mécanisme cyclique de la corrosion", Revue de Métallurgie, **03** (1992) 171-182.

33. N. Boucherit, A. Hugot-Le Goff, S. Joiret, “*Influence of Ni, Mo, and Cr on pitting corrosion of steels studied by Raman spectroscopy*”, Corrosion Nace, **48** (1992) 569-579. [10.5006/1.3315974](https://doi.org/10.5006/1.3315974)
34. L. Allemand, M. Froment, G. Maurin, E. Souteyrand, “*Structure of nickel thin films electrodeposited on n-GaAs single crystals*”, Microsc. Microanal. Microstruct., **3** (1992) 401-413. [10.1051/mmm:0199200305040100](https://doi.org/10.1051/mmm:0199200305040100)
35. V. Bouet, C. Gabrielli, G. Maurin, H. Takenouti, “*Application of electrochemical impedance analysis to the characterization of mass transfer in a submerged impinging jet cell*”, J. Electroanal. Chem., **340** (1992) 325-331. [10.1016/0022-0728\(92\)80307-P](https://doi.org/10.1016/0022-0728(92)80307-P)
36. B. Tribollet, “*Electrochemical probes for wall turbulence measurements*”, Trends in Heat, Mass & Momentum Transfer, **2** (1992) 105-120.
37. B. Hannoyer, M. Lenglet, J. Dürr, R. Cortès, “*Spectroscopic evidence of octahedral iron (III) in soda-lime silicate glasses*”, J. of Non-Crystalline Solids, **151** (1992) 209-216. [10.1016/0022-3093\(92\)90031-E](https://doi.org/10.1016/0022-3093(92)90031-E)
38. C. Gabrielli, M. Keddam, “*Review of applications of impedance and noise analysis to uniform and localized corrosion*”, Corrosion Nace, **48** (1992) 794-811. [10.5006/1.3315878](https://doi.org/10.5006/1.3315878)
39. M. S. Kent, L. Bosio, F. Rondelez, “*Homopolymer adsorption at the liquid-air interface by XEWIF*”, Macromolecules, **25** (1992) 6231-6239. [10.1021/ma00049a020](https://doi.org/10.1021/ma00049a020)