

## Publications (Alain Walcarius)

### 1. Articles à comité de lecture

1. Electrochemical behaviour of selenoorganic compounds: I. Dibenzo(b,d)selenopyrane and Related Compounds  
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3. Electrochemical behaviour of selenoorganic compounds. II. Benzo(b)selenophene and Dibenzo(b,d)selenophene  
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4. The methyl viologen incorporated zeolite modified carbon paste electrode. Part 1. Electrochemical behaviour in aqueous media. Effects of supporting electrolyte and immersion time  
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5. The methyl viologen incorporated zeolite modified carbon paste electrode. Part 2. Ion exchange and electron transfer mechanism in aqueous medium  
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6. Cation determination in aqueous solution using the methyl viologen doped zeolite modified carbon paste electrode  
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7. Zeolite containing oxidase-based carbon paste biosensors  
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8. Square wave voltammetric determination of paraquat and diquat in aqueous solution  
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9. Zeolite modified carbon paste electrode for selective monitoring of dopamine  
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10. Zeolite modified electrodes: analytical applications and prospects  
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11. Cyclic voltammetry of the hexamino-ruthenium complex incorporated in zeolite modified carbon paste electrode  
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12. Factors affecting the analytical applications of zeolite modified electrodes: preconcentration of electroactive species  
**A. Walcarius**, T. Barbaise and J. Bessière, *Anal. Chim. Acta* 340 (1997) 61-76.
13. *In situ* investigation of the ionisation of silica in aqueous ammonia by using a high frequency dielectric method  
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14. Silica modified carbon paste electrode for copper determination in ammoniacal medium  
**A. Walcarius** and J. Bessière, *Electroanalysis* 9 (1997) 707-713.
15. The methylviologen-doped zeolite modified electrode as a new suppressor free detector for ion chromatography  
**A. Walcarius** and L. Lamberts, *Anal. Lett.* 31 (1998) 585-599.
16. *In situ* monitoring of copper(II) fixation on silica gel in aqueous ammonia by means of dielectric measurements and quantitative analysis of adsorbed species  
**A. Walcarius** and J. Bessière, *Anal. Chim. Acta* 361 (1998) 273-283.
17. Molecular sieving with amorphous monodisperse silica beads  
**A. Walcarius**, C. Despas and J. Bessière, *Microporous & Mesoporous Mater.* 23 (1998) 309-313.
18. Voltammetric *in situ* investigation of a MCM-41-modified carbon paste electrode - a new sensor  
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**A. Walcarius**, *Recent Res. Develop. Electrochem.* 1 (1998) 265-280.
21. Voltammetric investigation of iodide sorption on cuprite dispersed into a carbon paste electrode  
G. Lefevre, **A. Walcarius** and J. Bessière, *Electrochim. Acta* 44 (1999) 1817-1826.
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24. Selective monitoring of Cu(II) species using a silica modified carbon paste electrode  
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25. Factors affecting the analytical applications of zeolite modified electrodes: indirect detection of non-electroactive cations  
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S. Sayen, M. Etienne, J. Bessière and **A. Walcarius**, *Electroanalysis* 14 (2002) 1521-1525.
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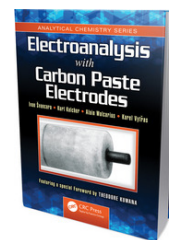
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