

## Selected Literature Citations of SRS QCM100/200 as of October 2007

1. **Recombinant Single-Chain Variable Fragment and Single Domain Antibody Piezoimmunosensors for Detection of HIV1 Virion Infectivity Factor**, Ferreira, GNM, Encarnação, JM, Rosa, L, Rodrigues, R, Breyner, R, Barrento, S, Pedro, L, Aires da Silva, F, Gonçalves, J, IBB-Institute for Biotechnology and Bioengineering, Centro de Biomedicina Molecular e Estrutural, Universidade do Algarve, 8000 Faro, Portugal, *Biosensors and Bioelectronics*, Article in Press
2. **Influence of Electrolytes in the QCM Response: Discrimination and Quantification of the Interference to Correct Microgravimetric Data**, Encarnação, JM, Stallinga, P, Ferreira, GNM, Centre for Molecular and Structural Biomedicine, University of Algarve, 8000 Faro, Portugal, *Biosensors and Bioelectronics*, vol. 22, 1351-1358, 2007
3. **Formation of Protein Molecular Imprints Within Langmuir Monolayers: A Quartz Crystal Microbalance Study**, Turner, NW, Wright, BE, Hlady, V, Britt, DW, Department of Bioengineering, University of Utah, *Journal of Colloid and Interface Science*, vol. 308, 71-80, 2007
4. **Attenuated Total Reflection Fourier Transform Infrared Spectroscopy to Investigate Water Uptake and Phase Transitions in Atmospherically Relevant Particles**, Schuttlefield, J, Al-Hosney, H, Zachariah, A, Grassian, VH, *Applied Spectroscopy*, vol. 61, 283-292, 2007
5. **Observation Of Microslip Dynamics At High-Speed Microcontacts**, Borovsky, B, Booth, A, Manlove, E, Department of Physics, St. Olaf College, Minnesota, *Applied Physics Letters*, vol. 91, 114101-114104, 2007
6. **Quartz Crystal Microbalance Immunosensor for the Detection of Antibodies to Double-Stranded DNA**, Fakhruddin, RF, Vinter, VG, Zamaleeva, AI, Matveeva, MV, Kourbanov, RA, Temesgen, BK, Ishmuchametova, DG, Abramova, ZI, Konovalova, OA, Salakhov, MK, Department of Biochemistry, Kazan State University, Kremlevskaya 18, 420008 Kazan, Russia, *Analytical and Bioanalytical Chemistry*, vol. 388, 367-375, 2007
7. **pH Dependence of the Composition of Electrodeposited Co Films in Aqueous Sulfate Solutions**, Lafouresse, M, Medvedev, A, Kutuso, K, Schwarzacher, W, Masily, A, Royal Fort, University of Bristol, Tyndall Avenue, Bristol, UK, *Russian Journal of Electrochemistry*, vol. 43, 856-858, 2007
8. **In Situ, In-Liquid, All-Electrical Detection of Salmonella Typhimurium Using Lead Titanate Zirconate/Gold-Coated Glass Cantilevers At Any Dipping Depth**, Zhu, Q, Shih, WY, Shih, W, Department of Materials Science and

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9. **Real-Time, Label-Free, All-Electrical Detection of *Salmonella Typhimurium* Using Lead Titanate Zirconate/Gold-Coated Glass Cantilevers At Any Relative Humidity**, Zhu, Q, Shih, WY, Shih, W, Department of Materials Science and Engineering, Drexel Univ, *Sensors and Actuators B*, vol. 125, 379-388, 2007
  10. **Kinetics and Products from Reaction of Cl Radicals with Dioctyl Sebacate (DOS) Particles In O<sub>2</sub>: a Model for Radical-Initiated Oxidation Of Organic Aerosols**, Hearn, JD, Renbaum, LH, Wang, X, Smith, GD, Dept. of Chemistry, Univ. of Georgia, *Physical Chemistry and Chemical Physics*, vol. 9, 4803-4813, 2007
  11. **Optical Enhancing Properties in Layer-by-Layer Films of Dendrimer and Gold Nanoparticles**, dos Santos, DS Jr, Sanfelice, RC, Alvarez-Puebla, R, Oliveira, ON Jr, Aroca, RF, Materials & Surface Science Group, Department of Chemistry and Biochemistry, University of Windsor, Windsor, ON, Canada, *Macromolecular Symposia*, vol. 245-246, 325-329, 2007
  12. **An Electrochemical Quartz Crystal Microbalance Study into the Deposition of Manganese Dioxide**, Owen, MP, Lawrance, GA, Donne, SW, Discipline of Chemistry, University of Newcastle, Callaghan, NSW 2308, Australia, *Electrochimica Acta*, vol. 52, 4630-4639, 2007
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  14. **Mass Detection Sensitivity of Piezoelectric Cantilevers with a Nonpiezoelectric Extension**, Shen, Z, Shih, WY, Shih, W, Department of Materials Science and Engineering, Drexel University, *Review of Scientific Instruments*, vol. 77, 65101-65111, 2006
  15. **Adsorption Kinetics of L-Glutathione On Gold and Structural Changes During Self-Assembly: An *In Situ* ATR-IR and QCM Study**, Bieri, M, Burgi, T, Institut de Microtechnique, Université de Neuchâtel, Switzerland, *Physical Chemistry and Chemical Physics*, vol. 8, 513-520, 2006
  16. **Long-Term Monitoring of Biofilm Growth and Disinfection Using A Quartz Crystal Microbalance And Reflectance Measurements**, Reipa, V, Almeida, J, Cole, KD, Biochemical Science Division, Chemical Sciences and Technology Laboratory, National Institute of Standards and Technology, *Journal of Microbiological Methods*, vol. 66, 449-459, 2006

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