



LIST OF BOOKS AND BOOK CHAPTERS in 2008

BOOKS

1 - Mapping the Maze: Getting more Women to the Top in Research. Widmer, M.; Raudma, T.; Baer, S.; Beales, R.; Bitusikova, A.; Collins, A.; Cheveigné, S.; Diaz, C.; Fink-Hafner, D.; Hartung, B.; Jacobsson, C.; Kahru, A.; Kovacs, E.; Lobo, A. M.; Mingeot-Leclercq, M.-P.; Sihvola, J.; Stratigaki, M. (2008). Office for Official Publications of the European Communities, Luxembourg. ISBN 978-92-79-07618-3

2 - NATO ARW Series Book: Recent advances in adsorption processes for environmental protection and security. Editors S. Lyubchik, J. P. Mota (2008) NATO Publishing Unit of Springer, The Netherlands.

3 - Ultrasonnd in Chemistry. Analytical applications. Ed. J. L. Capelo-Martinez (2008). Wiley, The Netherlands. ISBN 978-3-527-31934-3

BOOK CHAPTERS

1 - Hydrogenation of CO₂-Expanded Liquid Terpenes: Phase Equilibrium-Controlled Kinetics. E. Bogel-Łukasik, A. Serbanovic, R. Bogel-Łukasik, A. Banet-Osuna, V. Najdanovic-Visak, M. Nunes da Ponte (2008) *In ACS Symposium Series 106: Gas-Expanded Liquids and Near-Critical Media: Green Chemistry and Engineering.* American Chemical Society Washington, USA. 191-201 pp.

2 - Rationally designed ligands for use in affinity chromatography: an artificial protein. L. Roque AC, Lowe CR (2008) *in Methods in Molecular Biology*, 421. Humana Press. Totowa, USA. 93-109 pp.

3 - Affinity chromatography: history, perspectives, limitations and prospects. Roque AC, Lowe CR (2008) *in Methods in Molecular Biology*, 421. Humana Press. Totowa, USA. 1-21 pp.

4 - Waste conversion into activated carbon for heavy metal removal from waste water. S. Lyubchik, M. Khodorkovskij, T. Makarova, L. Tikhonova, J.P. B. Mota, I. Fonseca (2008) *in Recent advances in adsorption processes for environmental protection and security.* NATO Science for Peace and Security series-C: Environmental Security. Springer, Berlin. 133-146 pp.

5 - Food, beverages and agricultural applications. I.V. Tóth; M.A. Segundo; A.O.S.S. Rangel (2008) *in Advances in Flow Injection Analysis and Related Techniques*, ed. S.D. Kolev and I.D. Mckelvie; Elsevier, Amsterdam, Ch. 18, 513-558 pp.

- 6 - Flow Potentiometry.** M. Conceição B.S.M. Montenegro; Alberto N. Araújo (2008) *in* Advances in Flow Analysis, Ch.15, 425-454 pp.
- 7 - The concept of multi-commutation in flow analysis.** Mário A. Ferres Jr; Elias A.G. Zagatto; João L.M. Santos; José L.F.C. Lima,(2008) *in* Advances in Flow Analysis, Ch.7, 167-190 pp.
- 8 - The Power of Ultrasound.** J.L.Capelo (2008) *in* Ultrasound in Chemistry. Analytical applications. Jose Luis Capelo (Ed). Wiley Netherlands. ISBN: 978-3-527-31934-3
- 9 - Beyond the Analytical Chemistry.** C. Lodeiro, J.L. Capelo (2008) *in* Ultrasound in Chemistry. Analytical applications” Jose Luis Capelo (Ed)., Wiley Netherlands. ISBN: 978-3-527-31934-3
- 10 - Ultrasound meets proteomics.** H. M. Santos, C. Lodeiro, J. L. Capelo (2008) *in* Ultrasound in Chemistry. Analytical applications. Jose Luis Capelo (Ed). Wiley Netherlands. ISBN: 978-3-527-31934-3
- 11 - Ultrasonic Extraction for total elemental analysis and elemental speciation.** H. M. Santos, C. Lodeiro, J. L. Capelo *in* Ultrasound in Chemistry. Analytical applications. Jose Luis Capelo (Ed)., Wiley Netherlands. ISBN: 978-3-527-31934-3
- 12 - Comprehensive Two-dimensional Gas Chromatography: Application to Aroma and Essential Oil Analysis.** M.D.R. Gomes da Silva, Z. Cardeal, P.J. Marriot (2008) *in* Food flavour: Chemistry, sensory evaluation and biological activity, H. Tamura, S.E. Ebeler, K. Kubota, G.R. Takeoka (Ed.), ACS Symposium Series 988
- 13 - Beer Carbohydrates** (Chapter 27). I.M.P.L.V.O. Ferreira (2008) *in* Beer in Health and Disease Prevention, Edited by Victor R. Preedy, Academic Press, Elsevier. ISBN 978-0-12-373891-2
- 14 - Quantification of Beer Carbohydrates by HPLC/light scattering** (Chapter 103) I.M.P.L.V.O. Ferreira (2008) *in* Beer in Health and Disease Prevention, Edited by Victor R. Preedy, Academic Press, Elsevier 2008. ISBN 978-0-12-373891-2.
- 15 - A Water-soluble fluorescent chemosensors: in tune with protons.** A. Jorge Parola, et al. (2008) *in* Springer Series on Fluorescence, Springer, 4, , 117-149. Springer Berlin Heidelberg New York. ISBN 978-3-540-73927-2
- 16 - From low value renewable resources to green biomaterials for edible coating applications.** F.D.S. Larotonda, L. Hilliou, M.P. Gonçalves, A.M. Sereno (2008) *in* Recent Advances in Research on Biodegradable Polymers and Sustainable Composites (Vol. 3), Alfonso Jimenez and Gennady E. Zaikov eds, Nova Science Publishers, NY, USA. ISBN: 978-1-60692-155-5

17 - Effect of High Temperature on Shrinkage and Porosity of Crispy Dried Bananas. K. Hofsetz, C.C. Lopes, M.D. Hubinger, L. Mayor, A.M. Sereno (2008) *in* Food Engineering: Integrated Approaches. Gustavo F. Gutiérrez-Lopez, G.F., Barbosa-Cánovas, G.V., Welti-Chanes, J., Parada-Arias, E., eds., Springer, NJ, USA. ISBN: 978-0-387-75429-1

18 - Programme AlBan: European Union programme of High Level Scholarships for Latin America. A.M. Sereno (2008) *in* "Food Engineering: Integrated Approaches" Gustavo F. Gutiérrez-Lopez, G.F., Barbosa-Cánovas, G.V., Welti-Chanes, J., Parada-Arias, E., eds., Springer, NJ, USA. ISBN: 978-0-387-75429-1

19 - Presynaptic Adenosine and P2Y Receptors. Gonçalves J, Queiroz G. (2008). *Handb Exp Pharmacol.* (184):339-372. PMID: 18064419