

## BERG & BSRG books and book chapters from 2008 to 2012

### 2012 - Books

Caramujo, M.J., Cunha C., de Carvalho, C.C.C.R., Luís, C., “Presos no Charco – Biodiversidade de crustáceos em charcos temporários”, 2012, Lisbon

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de Carvalho, C.C.C.R., “Adaptation of Rhodococcus to organic solvents”, in: Biology of Rhodococcus (H.M. Alvarez, Editor), Microbiology Monographs, Vol. 16 (A. Steinbüchel, Series Editor), Springer Verlag, Berlin Heidelberg, pp. 109-131 (2010)

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Menezes, J.C., Ferreira, A.P., Rodrigues, L.O., Brás, L.P., Alves, T.P., "Chemometrics role within the PAT context: Examples from primary pharmaceutical manufacturing", in: *Comprehensive Chemometrics, Vol. 4* (S. Brown, R. Tauler, B. Walczak, Editors), Elsevier, Oxford, pp. 313-357 (2010)

Leitão J.H., N. Simões, "Identification of novel antimicrobials using a live-animal infection model". In: *Determination of Biological Activities: A Laboratory Manual* (Edited by M. C. Barreto and N. Simões). Universidade dos Açores, Ponta Delgada, 2012. (ISBN 978-972-8612-82-5)

Madeira, C., dos Santos F., Andrade, P.Z., da Silva, C.L, Cabral, J.M.S., "Mesenchymal stem cells for cellular therapies", in: *Stem cells and cancer stem cells* (M.A. Hayat, Ed.), Vol. 3, Springer Science Business Media, Dordrecht, pp 179-187 (2012)

Marques, M.P.C., Lourenço, N.M.T., Fernandes, P., de Carvalho C.C.C.R., "Green solvents for biocatalysis", In: *Green Solvents I: Properties and Applications in Chemistry* (A. Mohammad and Inamuddin, Eds.), Springer Science Business Media, Dordrecht, pp 121-146 (2012)

Martins, S.A.M., Martins, V.C., Cardoso, F.P., Freitas, P.P., Fonseca, L.P., "Waterborne Pathogen Detection Using a Magnetoresistive Immuno-Chip", in: *Molecular Biological Technologies for Ocean Sensing* (S. M. Tiquia-Arashiro, Ed.), Springer Protocols Handbooks, Springer Science Business Media, New York, pp 263-288 (2012)

Miguel Nobre Parreira Cacho Teixeira, *Complex regulatory interplay between multidrug resistance and oxidative stress response in yeast: the FLR1 regulatory network as a systems biology case-study*, Oxidative Stress, INTECH, 2012

Mira, N.P., Teixeira, M.C., Sá-Correia, I., "Characterization of complex regulatory networks and identification of promoter regulatory elements in yeast: in silico and wet-lab", In: *Methods in Molecular Biology - Transcriptional Regulation: Methods and Protocols* (Vancura A., Ed), Springer, vol. 809, 27-48, 2012.

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Fernandes, P., Marques, M.P.C., Carvalho, F., de Carvalho, C.C.C.R., "Organic-solvent tolerant Gram-positive bacteria: applications and mechanisms of tolerance", In: Organic solvents: properties, toxicity and industrial effects (Ryan E. Carter, Ed.), Nova Science Publishers, Hauppauge, New York, pp. 89-103 (2011)

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Resistance to herbicides in the model organisms *Saccharomyces cerevisiae* and *Arabidopsis thaliana*: the involvement of multidrug resistance transporters, Tânia Rodrigues Cabrito, Estelle Remy, Miguel Nobre Parreira Cacho Teixeira, Paula Duque Magalhães Santos, Isabel Sá-Correia, Herbicides and Environment, INTECH, 2011

Sousa S.A., J.R. Feliciano, J.H. Leitão, "Sugar Nucleotides: Biosynthetic pathways and Biological Roles of an Important Class of Intermediate Metabolites in Bacteria". In: Biotechnology of Biopolymers (Edited by Magdy M. Elnashar), Intech, 2011. ISBN:978-953-307-179-4.

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