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PUBLICATIONS List:

1. Davide Frumento, Alessandro Alberto Casazza, **Saleh Al Arni**, Attilio Converti, "**Cultivation of Chlorella vulgaris in tubular photobioreactors: a lipid source for biodiesel production**" Biochemical Engineering Journal 81 (2013) 120–125, http://dx.doi.org/10.1016/j.bej.2013.10.011.
2. Attilio Converti, Milena Nakagawa, Gisele Pigatto, Alessandra Lodi, Bronislaw Polakiewicz, **Saleh Al Arni**, Elisabetta Finocchio, Mauri Sérgio Alves Palma "**A new kinetic and thermodynamic approach to phenol biosorption by chitosan and keratin**", accepted for publication in *Environmental Engineering and Management Journal*.
3. **Al Arni Saleh "Treatment and recycling of water resulting from the ablution and homes for help in solution of the water crisis in most countries of the Islamic world**" accepted for publication in Journal of King Saud University.
4. A. Converti, G.L. Mariottini, A.M. Ben Hamissa, E. Finocchio, **S. Al-Arni**, R. Botter, A. Lodi, **"Cadmium removal from aqueous solutions by biosorbents: study of the operating conditions",** Chapter in: "***Cadmium: Characteristics, Sources of Exposure, Health and Environmental Effects***", Editors: Mirza Hasanuzzaman and Masayuki Fujita, Series: Chemistry Research and Applications, Nova Science Publishers, Inc., Hauppauge, NY, USA, 2013 - 3rd Quarter, ISBN: 978-1-62808-722-2 (Chapter 9: Pages 213-233)
5. **Saleh Al Arni**, and Attilio Converti "**Conversion of Sugarcane Bagasse into a Resource**" chapter in "*Sugarcane: Production, Cultivation and Uses*" Editors: João F. Goncalves and Kauê D. Correia, Series: Agriculture Issues and Policies, Nova Science Publishers, Inc., Hauppauge, NY, USA, 2012 1st Quarter, ISBN: 978-1-61942-214-8, (Chapter 11: pages 285-301).
6. **Saleh Arni**, Alex F. Drake, Marco Del Borghi, Attilio Converti, "**Study of aromatic compounds derived from sugarcane bagasse. I. Effect of pH**" Chem. Eng. Technol. 2010, 33, No. 6, 895–901.
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8. **Saleh Arni**, Barbara Bosio, Elisabetta Arato "**Syngas from sugarcane pyrolysis: an experimental study for fuel cell applications**" Renewable Energy 35 (2010) 29–3. Available online at: http://dx.doi.org/10.1016/j.renene.2009.07.005
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10. **Saleh Arni** "**An experimental investigation for gaseous products from sugarcane by fast pyrolysis**" Energy Education Science and Technology, 2004, 13(2): 89-96.
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12. Attilio Converti, **Saleh Arni**, João Carlos Monteiro de Carvalho, Sunao Sato, Eugênio Aquarone "**Simplified Modeling of Fed-Batch Alcoholic Fermentation of Sugarcane Blackstrap Molasses**", Biotechnology & Bioengineering, 2003, 8 (4): 88-95.
13. **S. Arni**, F. Molinari, M. Del Borghi, A. Converti "**Improvement of Alcohol Fermentation of a Corn Starch Hydrolysate by Viscosity-Raising Additives**", Stärke / Starch, 1999, 51, 218-224.

14. A. Converti, A. Del Borghi, **S. Arni**, F. Molinari "**Linearized Kinetic Models for The Simulation of the Mesophilic Anaerobic Digestion of Pre-Hydrolyzed Woody Wastes**". Chemical Engineering & Technology, 1999, 22 (5): 429-437.
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