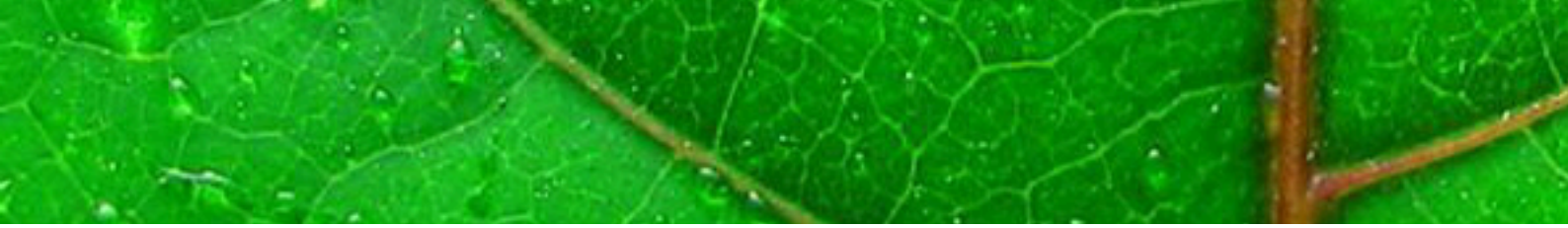


2010

[ACL10-01] SERIN J.P., JAY S.*, CÉZAC P., CONTAMINE F., MERCADIER J., ARRABIE C., LEGROS-ADRIAN J.M., 2010, *"Experimental studies of solubility of elemental sulphur in supercritical carbon dioxide"*, Journal of supercritical Fluids, 53 (1-3) 12-16. (EN)

[ACL10-02] LETELLIER S., MARIAS F., CÉZAC P., SERIN J.P., 2010, *"Gasification of aqueous biomass in supercritical water: A thermodynamic equilibrium analysis"*, Journal of Supercritical Fluids, 51 (3) 353-361.(PE)

[ACL10-03] RAYNAUD M.*, HERITIER P., BAUDEZ J-C., VAXELAIRE J., 2010, *"Experimental characterisation of activated sludge behaviour during mechanical expression"*, Process Safety and Environmental Protection 88(3), 200-206. (PE)

[ACL10-04] MAHMOUD A*., OLIVIER J., VAXELAIRE J., HOADLEY A., 2010, *" Electrical fields : a historical review of its application and contributions in wastewater sludge dewatering"*, Water Research 44(8), 2381-2407. (PE)

[ACL10-05] GRIMI N., MAMOUNI F., LEBOVKA N., VOROBIEV E., VAXELAIRE J., 2010, *" Acoustic Impulse Response in Apple Tissues Treated by Pulsed Electric Field"*, Biosystems Engineering 105(2), 266-272. (PE)

[ACL10-06] N. GRIMI, N. LEBOVKA, E. VOROBIEV, J. VAXELAIRE, 2010, *"Solid-liquid expression from denaturated plant tissue: Filtration-consolidation behaviour"*, Journal Food Engineering 96(1), 29-36. (PE)

[ACL10-07] RAYNAUD M. *, VAXELAIRE J., HERITIER P., BAUDEZ J-C., 2010, *"Activated sludge dewatering in filtration compression cell: deviations in comparison to classical theory"*, Asia-Pacific Journal of Chemical Engineering "5(5), 785-790" (PE)

[ACL10-08] FOURCAULT A. *, MARIAS F., MICHON U., 2010, *"Thermal removal of tars in a high temperature stage fed by a plasma torch"*. Biomass & Bioenergy 34, 1363-1374. (PE)

[ACL10-09] DEYDIER A., MARIAS F., BERNADA P., COUTURE F., MICHON U., 2010, "*Equilibrium model for a travelling bed gasifier.*" Biomass & Bioenergy. In Press (PE)

[ACL10-10] FAGES J., AYMONIER C., CANSELL F., MERCADIER J., 2010, "*New trends in supercritical fluids: Energy; materials; processing.*" A special issue-9th International Symposium on Supercritical Fluids, May 18-20, 2009, Arcachon, France Journal of Supercritical Fluids 53 (1-3), pp. 1 (PE)

[ACL10-11] MORY M., ABADIE S., MAURIET S., LUBIN P. 2010, "*Run-up flow of a collapsing bore over a beach*" European Journal of Mechanics, B/ Fluids(PE)

[ACL10-12] SABONI A., ALEXANDROVA S., MORY M. 2010 "Flow around a contaminated fluid sphere" International Journal of Multiphase Flow 36 (6), pp. 503-512 (PE)

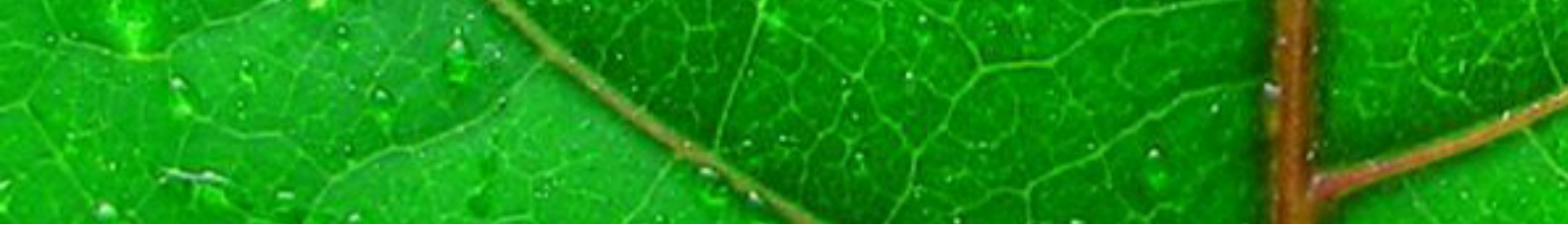
[ACL10-13] SOCHARD S., FERNANDES N., RENEAUME J. 2010 "*Modeling of adsorption isotherm of a binary mixture with real adsorbed solution theory and nonrandom two-liquid model*" AIChE Journal 56 (12), pp. 3109-3119 (PE)

[ACL10-14] ONDARTS M., HORT C., PLATEL V., SOCHARD S. 2010 "*Indoor air purification by compost packed biofilter*" International Journal of Chemical Reactor Engineering 8, art. no. A54 (PE)

[ACL10-15] BEDECARRATS J.P., DAVID* T., CASTAING-LASVIGNOTTES J., 2010,"*Ice slurry generator using the supercooling phenomenon*". Int. Journal of Refrigeration, 33, 196-204. (EN)

[ACL10-16] CHAMPIER D., BEDECARRATS J.P., RIVALETTO M., STRUB F., 2010, "*Thermoelectric power generation from biomass cook stoves*", Energy, 35, 935-942. (EN)

[ACL10-17] EL ABBASSI* I., CASTAING-LASVIGNOTTES J., BEDECARRATS J.P., DUMAS J.P., MIMET A., 2010, "*Energetic performances of a refrigerating loop using ice slurry*", Applied Thermal Engineering, 30, 962-969. (EN)



[ACL10-18] CASTAING-LASVIGNOTTES J., GIBOUT S., 2010 "*Dynamic simulation of reciprocating refrigeration compressors and experimental validation*" International Journal of Refrigeration 33 (2), pp. 381-389 (EN)

[ACL10-19] CARTIER V., CLARET C., GARNIER R., FAYOLLE S., FRANQUET E. 2010 "*Multi-scale approach to the environmental factors effects on spatio-temporal variability of Chironomus salinarius (Diptera: Chironomidae) in a French coastal lagoon*" Estuarine, Coastal and Shelf Science 86 (4), pp. 637-644 (EN)

[ACL10-20] JAMIL A., CAUBET S., GRASSL B., KOUSKSOU T., EL OMARI K., ZERAOULI Y., LE GUER Y. 2010 *"Thermal properties of non-crystallizable oil-in-water highly concentrated emulsions*" Colloids and Surfaces A: Physicochemical and Engineering Aspects (EN)

[ACL10-21] KOUSKSOU T., ARID A., MAJID J., ZERAOULI Y. 2010 "*International Journal of Refrigeration*" 33 (8), pp. 1550-1558 (EN)

[ACL10-22]KOUSKSOU T., BRUEL P. 2010 "*Encapsulated phase change material under cyclic pulsed heat load*" International Journal of Refrigeration 33 (8), pp. 1648-1656 (EN)

[ACL10-23] KOUSKSOU T., EL RHAFIKI T., EL OMARI K., ZERAOULI Y., LE GUER Y. 2010 "*Forced convective heat transfer in supercooled phase-change material suspensions with stochastic crystallization*" International Journal of Refrigeration 33 (8), pp. 1569-1582 (EN)

[ACL10-24] KOUSKSOU T., JAMIL A., ZERAOULI Y. 2010 "*Use of multiple heating rates DSC to determine the specific heat capacity*" High Temperatures - High Pressures 39 (2), pp. 165-179 (EN)

[ACL10-25] JEGADHEESWARAN S., POHEKAR S.D., KOUSKSOU T. 2010 "*Exergy based performance evaluation of latent heat thermal storage system: A review*" Renewable and Sustainable Energy Reviews 14 (9), pp. X2580-2595 0 (EN)

[ACL10-26] KOUSKSOU T., JAMIL A., RHAFIKI T.E., ZERAOULI Y. 2010 "*Paraffin wax mixtures as phase change materials*" Solar Energy Materials and Solar Cells 94 (12), pp. 2158-2165 0 (EN)

[ACL10-27] RHAFIKI T.E., KOUSKSOU T., ZERAOULI Y. 2010 "*Thermal performance of microencapsulated phase-change-material slurry: Laminar flow in circular tube*" Journal of Thermophysics and Heat Transfer 24 (3), pp. 480-489 (EN)

[ACL10-28] KOUSKSOU T., JAMIL A., EL RHAFIKI T., ZERAOULI Y. 2010 "*Prediction of the heat transfer coefficient for ice slurry flows in a horizontal pipe*" Energy Conversion and Management 51 (6), pp. 1311-1318 0 (EN)

[ACL10-29] JAMIL A., KOUSKSOU T., OMARI K.E., ZERAOULI Y., LE GUER Y. 2010 "*Heat transfer in salt solutions enclosed in DSC cells*" Thermochimica Acta 507-508, pp. 15-20 0 (EN)

[ACL10-30] KOUSKSOU T., JAMIL A., BRUEL P. 2010 "*Asymptotic behavior of a storage unit undergoing cyclic melting and solidification processes*" Journal of Thermophysics and Heat Transfer 24 (2), pp. 355-363 (EN)

[ACL10-31] GEORGIEVA S., KARSHEVA M., ALEXANDROVA S., "Etude des émulsions cosmétiques aux extraits naturels par des méthodes rhéologiques : effet de la température", Revue de Génie Industriel, 5, 133-142, 2010 (PE)