



2014

[AP14-01] GAYOL A., MARTINI R-E., ANDREATTA A-E., LEGIDO J-L., CASAS L-M., 2014, "Experimental and Nitta-Chao model prediction of high pressure density of p-xylene with dialkyl carbonates or n-alkanes", *J.Chem.Thermodyn.*, 69,193-200.DOI:10.1016/j.jct.2013.09.039. (PE)

[AP14-02] VAZQUEZ C., LAGO N., MATO M-M., CASAS L-M., ESARTE L., LEGIDO J-L., ARIAS I., 2014, "Microcalorimetric performance of the growth in culture of *Escherichia coli*, *Proteus mirabilis* and their mixtures in different proportions", *J. Therm.Anal.Cal.* DOI/10.1007/s10973-013-3535-z. (PE)

[AP14-03] ALEXANDROVA S., 2014, "Film drainage and coalescence of drops in the presence of surfactant", *Of Chemical Technology and Metallurgy*, 49(4), pp. 321-328.

[AP14-04] MUSBAH I., CICERON D., SABONI A., ALEXANDROVA S., 2014, *Journal of Chemical Technology and Metallurgy*, 9,5,2014,435-441.

[AP14-05] ALEXANDROVA S., KARSHEVA M., SABONI A., GOURLON C., 2014, "Effect of the viscosity ratio on mass transfer into a spherical drop in liquid-liquid dispersion", *Journal of Chemical Technology and Metallurgy*, 9,5,2014,429-434.

[AP14-06] BOURDIN D., MOCHO P., DESAUZIERS V., PLAISANCE H., 2014, "Formaldehyde emission behavior of building materials: On-site measurements and modeling approach to predict indoor air pollution", *Journal of Hazardous Materials*, 280, pp.164-173.

[AP14-07] PLAISANCE H., BLONDEL A., DESAUZIER V., MOCHO P., 2014, "Hierarchical cluster analysis of carbonyl compounds emission profiles from building and furniture materials", *Building and Environment*, 75, pp. 40-45.

[AP14-08] PLAISANCE H., BLONDEL A., DESAUZIER V., MOCHO P., 2014, "Characteristics of formaldehyde emissions from indoor materials assessed by a method using passive flux sampler measurements", *Building and Environment*, 73, pp. 249-255.

[AP14-09] OLIVIER J., MAHMOUD A*, VAXELAIRE J., CONRADY J-B.*, CITEAU M., VOROBIEV E., 2014, "Electro-dewatering of anaerobically digested and activated sludges: an energy aspect analysis", *Drying Technology* 32(9), 1091-1103.

[AP14-10] VAXELAIRE J., OLIVIER J., 2014, "Compression dewatering of particulate suspensions and sludge. Effect of shear", *Drying Technology* 32(1), 23-29.

[AP14-11] SABONI A., ALEXANDROVA S., KARSHEVA M. , GOURLON C., 2014, "Mass transfer into a contaminated water droplet", 21th International Congress of Chemical and Process Engineering, 23-27 Aout, Prague.

[AP14-12] SABONI A., ALEXANDROVA S., KARSHEVA M., GOURLON C., 2014, "The influence of surfactants on the drainage of mobile liquid films between drops undergoing a constant interaction force", 21th International Congress of Chemical and Process Engineering, 23-27 Aout, Prague.

[AP14-13] CONRADY J-B*, OLIVIER J., VAXELAIRE J., 2014, "Electro-dewatering of activated sludge: filtrate flow rate analysis", European Conference on Fluid-Particle Separation (FPS 2014), 15-17 Octobre, Lyon.

[AP14-14] GINISTY P., GIRAUT R., TOSONI J., DIEUDE-FAUVEL E., OLIVIER J., VAXELAIRE J., 2014, "Sludge dewatering: influence of operating parameters on dryness limit determination", 4th European Conference on Sludge Management (ECSM), 26-27 Mai, Izmir.

[AP14-15] MARIAS F., BENZAQUI A., VAXELAIRE J., GELIX F., NICOL F., 2014, "On the Emission of Nitrous species during fluidized bed Incineration of sewage sludge", WasteEng2014, 25-28 Aout, Rio de Janeiro. (Poster)

[AP14-16] MARIAS F., DELAGE S., 2014, "Modeling Pyrolysis in a High Capacity Thermobalance", 5th International Conference of Engineering for Waste and Biomass Valorisation (WasteEng 2014), 25-28 Aout, Rio de Janeiro (Poster).