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Nota di contenuto	A review of advances in the analysis of biological systems by means of Fourier Transform Infrared (FTIR) spectroscopy / Emanuele Calabro and Salvatore Magazu -- Advances in analytical methodologies based on infrared spectroscopy for analysis of lignocellulosic materials : from classic characterization of functional groups to FT-IR imaging and micro-quantification / Rosario del P. Castillo, Carlos Pena-Farfal, Yamil Neira and Juanita Freer -- Fourier transform infrared spectroscopy applied to organic matter characterization fromcomposting process / Patricia Aparecida Cucchi, Jessica Bassetto Carra, Marcieli Fabris, Tiago Rafael Tochetto, Thiago de Oliveira Vargas and Larissa Macedo dos Santos Tonial -- Applications of FTIR spectroscopy in the wine industry / Claudia A. Teixeira dos Santos, Ricardo N. M. J. Pascoa and Joao A. Lopes.