Special Issue

Advances in LC Column Technology: Design, Characterization, and Application

Message from the Guest Editor

Liquid chromatography (LC) in its various modes has become a pivotal technique in the characterization of purity, identity, and potency of a broad range of molecular compounds. To address the analysis problems, as for example encountered in the chemical industry and in life-science research, column technology has evolved rapidly over the last decade. This special issue will highlight new developments in stationary-phases design (packed columns, monoliths, coating, etc.) and column manufacturing for pressure- and/or electro-driven LC mode, and will describe fundamental aspects of column characterization. In addition, novel emerging applications enabled by new technologies will be included. I would like to invite all colleagues working in this area of research to contribute original research papers, short communications, and review papers to this Special Issue.

Guest Editor

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Editor-in-Chief

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