Special Issue

Recent Studies on Low-Field NMR (LFNMR)

Message from the Guest Editor

Nuclear magnetic resonance has evolved to cover a wide variety of research fields and types of samples. High-field NMR (HFNMR), although very powerful, is not always feasible. The high cost of the instru mentation and cryogen fluids has added to the difficulties in keeping and maintaining an NMR facility, making the use of HFNMR challenging. In the current decade, low-field NMR (LFNMR) has gained popularity due to its easy implementation and low-cost instrumentation. This technique has recently been applied to an extensive collection of research fields, leading to its further development. LFNMR has achieved excellent results when used in chemical and biochemical analysis, the characterization of porous media, and other applications. The goal of this Special Issue of Magnetochemistry is to collect papers describing research work involving LFNMR aiming to cover all possible fields where the technique has been successfully used in sample and media characterization, data analysis, technique development, and other applications of the technique.

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