

High Resolution NMR Spectroscopy In Solids

by M. Mehring

High-resolution solid-state NMR spectra can provide the same type of information that is obtainable from corresponding solution NMR spectra, but a number of special High-resolution NMR spectroscopy of biological tissues using MAS - OSTI High resolution NMR spectroscopy in solids. Author/Creator: Mehring, M., 1937-; Language: English. Imprint: Berlin ; New York : Springer-Verlag, 1976. Physical High Resolution NMR Spectroscopy in Solids (NMR Basic Principles and Progress) . High-Resolution NMR Spectroscopy of Solids and Surface . Magic-angle spinning: The sample (blue) is rotating with high frequency inside the rotor, a technique often used to perform experiments in solid-state NMR spectroscopy. By combining cross polarization with MAS, high resolution spectra can be obtained. High-resolution NMR spectrometry of solids. Part II. Bernard C. Gerstein. Anal. Chem. , 1983, 55 (8), pp 899A-907A. DOI: 10.1021/ac00259a004. Publication High Resolution NMR Spectroscopy in Solids Facebook

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Modern Techniques in Protein NMR - Google Books Result We report on the feasibility of applying high-resolution solid-state ¹⁹⁵Pt MAS NMR spectroscopy for several PtIV-containing polyoxotungstates, and of ¹⁹⁵Pt as a probe for high resolution NMR spectroscopy in solids in SearchWorks ? Principles of High Resolution NMR in Solids - Google Books Result High Resolution NMR Spectroscopy in Solids (NMR Basic Principles and Progress) [M. Mehring] on Amazon.com. *FREE* shipping on qualifying offers. ?High-Resolution NMR Spectroscopy in Solids by M. Mehring - ResearchGate Oct 2, 2002 . High-resolution NMR spectroscopy of quadrupolar nuclei in solids: satellite-transition MAS with self-compensation for magic-angle misset. High Resolution NMR Spectroscopy in Solids - Google Books Result NMR Spectroscopy of Biological Solids - Google Books Result . of high-resolution solid-state NMR spectra of ²³Na ($I = 3/2$), ²⁷Al ($I = 5/2$) and ⁵¹V ($I = 7/2$) interest in obtaining high-resolution NMR spectra of solids (1-6). High-Resolution ¹H NMR Spectroscopy in the Solid State: Very Fast . NMR spectroscopy of solid state has long been an important area of research in the field of high-resolution NMR of Dilute Spins in Solids, J. Chem. Phys. High-resolution NMR Techniques in Organic Chemistry - Google Books Result High resolution NMR spectroscopy in solids. Author, M. Mehring. Publisher, Springer-Verlag, 1976. ISBN, 0387077049, 9780387077048. Length, 246 pages. High-Resolution NMR of Solids - Applied Spectroscopy Reviews . High Resolution Solid State ¹³C NMR Spectroscopy of Sporopollenins from Different Plant Taxa. Received for publication June 12, 1987 and in revised form Magic angle spinning - Wikipedia, the free encyclopedia In the past few years, solid-state ¹H NMR spectroscopy under fast magic-angle spinning (MAS) has developed into a versatile tool for elucidating structure and dynamics of hydrogen-bonded compounds using high-resolution NMR spectroscopy. Jul 8, 2015 . While obtaining high-resolution structural details from bone is highly challenging, solid-state NMR spectroscopy has the potential to reveal the High-resolution NMR spectroscopy in solids by truly magic-angle spinning. - Sigma-Aldrich High-resolution NMR spectra of polycrystalline alkali trihydrogen selenites were obtained. KEY WORDS Solid-state ¹H NMR Chemical shifts Hydrogen bonds Solid-State NMR Pines Lab High-resolution NMR spectrometry of solids. Part II - Analytical High Resolution NMR Spectroscopy in Solids. Book. Solid-state nuclear magnetic resonance - Wikipedia, the free encyclopedia Publication » High-Resolution NMR Spectroscopy in Solids by Truly Magic-Angle Spinning. High-resolution solid-state NMR of quadrupolar nuclei - Eric Oldfield High-resolution NMR spectra of materials subject to anisotropic broadening . High-speed MAS is routinely used in high-resolution solid-state NMR studies of Characterization of PtIV-containing polyoxometalates by high-resolution NMR spectroscopy. High Resolution NMR Spectroscopy in Solids - Springer NMR Basic Principles and Progress / Grundlagen und Fortschritte. Volume High Resolution NMR Spectroscopy in Solids Nuclear Spin Interactions in Solids. Proton-Detected Solid-State NMR Spectroscopy of Bone with ¹³C. 6266. J. Am. Chem. Soc. 1981, 103, 6266-6267. High-Resolution NMR Spectroscopy of Solids and Surface-Adsorbed Species in Colloidal Suspension: ³¹P. High-resolution NMR spectroscopy of quadrupolar nuclei in solids . Oct 27, 2011 . This chapter is intended to provide a bridge between the principles of NMR spectroscopy of solids and the practical execution of these experiments. The Nuclear Magnetic Resonance facility offers research support as well as both solution and solid-state data services. We have a long track record of providing High Resolution NMR in Solids Selective Averaging: Supplement 1 . - Google Books Result Solid-state NMR (SSNMR) spectroscopy is a kind of nuclear magnetic resonance technique used for obtaining high resolution solid-state NMR spectra of quadrupolar nuclei. NMR spectroscopy in solids: A comparison to NMR spectroscopy in solution. High Resolution Solid State ¹³C NMR Spectroscopy of . - jstor High Resolution NMR Spectroscopy UBC Chemistry Sigma-Aldrich offers abstracts and full-text articles by Sasa Antonijevic, Geoffrey Bodenhausen. High resolution NMR spectroscopy NMR solids - ResearchGate High resolution NMR spectroscopy NMR solids on ResearchGate, the professional network for scientists. High resolution NMR spectroscopy in solids - M. Mehring - Google