

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 Magic-angle spinning (MAS) High resolution NMR spectroscopy in solids. Author/Creator: Mehring, M., 1937-; Language: English. Imprint: Berlin ; New York : Springer-Verlag, 1976. Physical Description: 1 volume (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 . A Method for High Resolution NMR of Dilute Spins in Solids, J. Chem. 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 . Investigation 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. High-resolution solid-state NMR of polycrystalline alkali trihydrogen selenites were . 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 in solids. 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 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 . 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