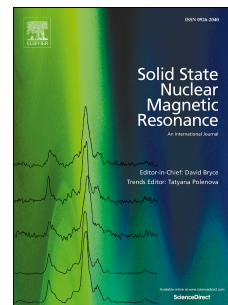


Accepted Manuscript

γ -Independent through-space hetero-nuclear correlation between spin-1/2 and quadrupolar nuclei in solids

Hiroki Nagashima, Aany Sofia Lilly Thankamony, Julien Trébosc, Frédérique Pourpoint, Olivier Lafon, Jean Paul Amoureux



PII: S0926-2040(17)30010-3

DOI: [10.1016/j.ssnmr.2017.06.002](https://doi.org/10.1016/j.ssnmr.2017.06.002)

Reference: YSNMR 798

To appear in: *Solid State Nuclear Magnetic Resonance*

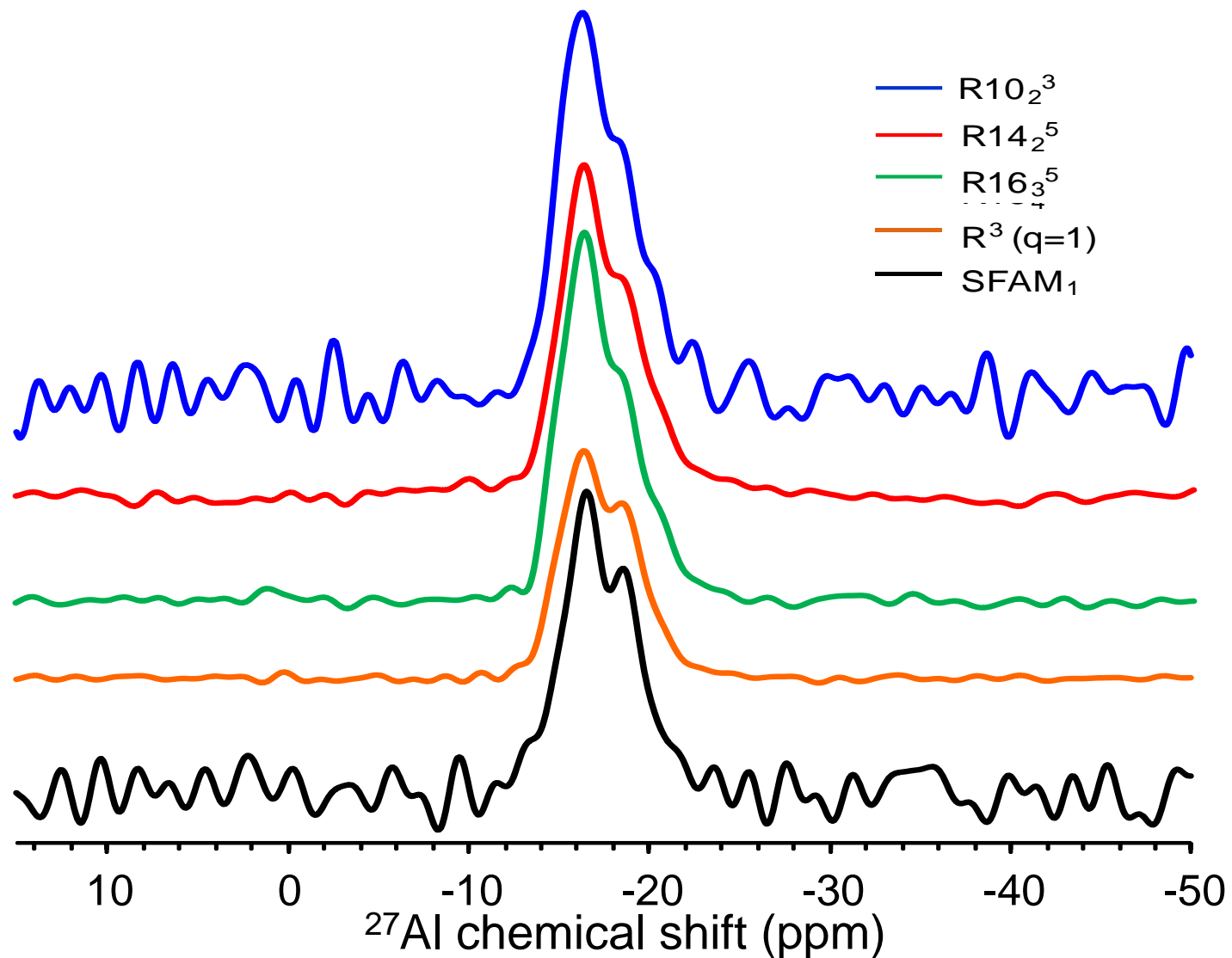
Received Date: 6 February 2017

Revised Date: 8 June 2017

Accepted Date: 10 June 2017

Please cite this article as: H. Nagashima, A.S. Lilly Thankamony, J. Trébosc, Frée. Pourpoint, O. Lafon, J.P. Amoureux, γ -Independent through-space hetero-nuclear correlation between spin-1/2 and quadrupolar nuclei in solids, *Solid State Nuclear Magnetic Resonance* (2017), doi: 10.1016/j.ssnmr.2017.06.002.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



$\text{Na}_7(\text{AlP}_2\text{O}_7)_4\text{PO}_4$: F1 slices observed for P_1 , which presents the largest CSA = 27.5 kHz at 18.8 T and $\nu_R = 20$ kHz with HMQC-D-SFAM₁ and HUQC with $R10_2^3$, $R16_3^5$, $R14_2^5$ and R^3 recoupling. One observes very large differences in sensitivity, with HUQC- $R16_3^5$ providing the largest S/N.

Download English Version:

<https://daneshyari.com/en/article/5420210>

Download Persian Version:

<https://daneshyari.com/article/5420210>

[Daneshyari.com](https://daneshyari.com)