

# Reducing acquisition times in multidimensional NMR w encoding algorithm

Journal of Chemical Physics

141, 194201

DOI: [10.1063/1.4901561](https://doi.org/10.1063/1.4901561)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Monitoring organic reactions by UFA-NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 952-970.	1.9	25
2	Mitochondrial responses to extreme environments: insights from metabolomics. <i>Extreme Physiology and Medicine</i> , 2015, 4, 7.	2.5	14
3	MRSI via fully-refocused spatiotemporal encoding with polychromatic spectral pulses. <i>Journal of Magnetic Resonance</i> , 2015, 259, 24-31.	2.1	4
4	Continuous Processing and Efficient <i>in Situ</i> Reaction Monitoring of a Hypervalent Iodine(III) Mediated Cyclopropanation Using Benchtop NMR Spectroscopy. <i>Organic Process Research and Development</i> , 2016, 20, 1603-1614.	2.7	42
5	Multidimensional J-driven NMR correlations by single-scan offset-encoded recoupling. <i>Journal of Magnetic Resonance</i> , 2016, 265, 33-44.	2.1	3
6	Efficient spectroscopic imaging by an optimized encoding of pretargeted resonances. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 511-519.	3.0	1
7	Accelerating two-dimensional nuclear magnetic resonance correlation spectroscopy via selective coherence transfer. <i>Journal of Chemical Physics</i> , 2017, 146, 014202.	3.0	4
8	A discrete Fourier-encoded, diagonal-free experiment to simplify homonuclear 2D NMR correlations. <i>Journal of Chemical Physics</i> , 2017, 147, 034201.	3.0	2
9	Recent Advances in NMR-Based Metabolomics. <i>Analytical Chemistry</i> , 2017, 89, 490-510.	6.5	139
10	A fast approach to 3D HSQC-based spectroscopy based on a Fourier phase encoding of pre-targeted resonances. <i>Journal of Magnetic Resonance</i> , 2017, 274, 95-102.	2.1	3
11	Combining Fourier phase encoding and broadband inversion toward J-edited spectra. <i>Journal of Magnetic Resonance</i> , 2018, 291, 1-7.	2.1	3
12	High-Resolution Probing of Heterogeneous Samples by Spatially Selective Pure Shift NMR Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7356-7361.	4.6	8
13	A Single-Scan Inhomogeneity-Tolerant NMR Method for High-Resolution Two-Dimensional J-Resolved Spectroscopy. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1559-1566.	4.2	3
14	An Orthogonal-Pattern Absorption-Mode 2D <i>J</i> -Resolved NMR Spectroscopy for Analyses on Complex Samples. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	17
15	<sup>7</sup> Li intermolecular multiple-quantum coherences in liquids. <i>Journal of Magnetic Resonance</i> , 2021, 329, 107010.	2.1	0
16	Simultaneous determination of multiple coupling networks by high-resolution 2D J-edited NMR spectroscopy. <i>Analytica Chimica Acta</i> , 2021, 1185, 339055.	5.4	4