Yanqin Lin

List of Publications by Year
in descending order

45 papers	296 citations	840585 11 h-index	996849 15 g-index
46 all docs	46 docs citations	46 times ranked	167 citing authors

#	Article	IF	Citations
1	Evaluation of brown adipose tissue with intermolecular doubleâ€quantum coherence magnetic resonance spectroscopy at 3.0ÂT. NMR in Biomedicine, 2022, 35, e4676.	1.6	1
2	Fast Acquisition of High-Quality Nuclear Magnetic Resonance Pure Shift Spectroscopy via a Deep Neural Network. Journal of Physical Chemistry Letters, 2022, 13, 2101-2106.	2.1	4
3	Simultaneous acquirement of pure shift 2D homonuclear correlation spectra. Journal of Magnetic Resonance, 2022, 339, 107229.	1.2	1
4	Highâ€resolution 2â€D NMR spectroscopy based on the Radon transform and pure shift technique for studying chemical shifts perturbations. Magnetic Resonance in Chemistry, 2021, 59, 346-353.	1.1	1
5	A simple data post-processing method for axial peaks free 2D PSYCHEDELIC NMR spectra. Journal of Magnetic Resonance, 2021, 325, 106938.	1.2	1
6	Unambiguous and accurate measurement of scalar coupling constants through a selective refocusing NMR experiment. Analytica Chimica Acta, 2021, 1159, 338429.	2.6	3
7	Improvement in Signal-to-Noise Ratio of Liquid-State NMR Spectroscopy via a Deep Neural Network DN-Unet. Analytical Chemistry, 2021, 93, 1377-1382.	3.2	25
8	Disturbance of thalamic metabolism and its association with regional neural dysfunction and cognitive impairment in minimal hepatic encephalopathy. European Journal of Radiology, 2020, 131, 109252.	1.2	7
9	Boosting resolution in NMR spectroscopy by chemical shift upscaling. Analytica Chimica Acta, 2020, 1110, 109-114.	2.6	2
10	Fast reconstruction of non-uniform sampling multidimensional NMR spectroscopy via a deep neural network. Journal of Magnetic Resonance, 2020, 317, 106772.	1.2	24
11	Fully Exploiting the Power of 2D NMR J-Resolved Spectroscopy. Analytical Chemistry, 2020, 92, 6893-6899.	3.2	6
12	Pushing resolution limits for extracting 1Hâ€“1H scalar coupling constants by a resolution-enhanced selective refocusing method. Journal of Chemical Physics, 2019, 150, 184202.	1.2	3
13	PE-SERF: A sensitivity-improved experiment to measure JHH in crowded spectra. Journal of Magnetic Resonance, 2019, 308, 106590.	1.2	5
14	High Resolution Nuclear Magnetic Resonance Spectroscopy on Biological Tissue and Metabolomics. Current Medicinal Chemistry, 2019, 26, 2190-2207.	1.2	6
15	High-resolution methods for the measurement of scalar coupling constants. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 109, 135-159.	3.9	20
16	A simultaneous multi-slice selective J -resolved experiment for fully resolved scalar coupling information. Journal of Magnetic Resonance, 2017, 282, 27-31.	1.2	12
17	Localized oneâ€dimensional single voxel magnetic resonance spectroscopy without J coupling modulations. Magnetic Resonance in Medicine, 2016, 76, 1661-1667.	1.9	3
18	High-resolution nuclear magnetic resonance measurements in inhomogeneous magnetic fields: A fast two-dimensional J-resolved experiment. Journal of Chemical Physics, 2016, 144, 104202.	1.2	6

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19	Ultrafast multidimensional nuclear magnetic resonance technique: A proof of concept based on inverse-k-space for convenient and efficient performance. Applied Physics Letters, 2016, 108, .	1.5	5
20	Fast acquisition of high-resolution 2D NMR spectroscopy in inhomogeneous magnetic fields. Chemical Physics Letters, 2016, 652, 62-67.	1.2	1
21	Measuring J HH values with a selective constant-time 2D NMR protocol. Journal of Magnetic Resonance, 2016, 272, 20-24.	1.2	12
22	Highâ€resolution localized spatiotemporal encoding correlated spectra under inhomogeneous magnetic fields via asymmetrical gradient encoding/decoding. NMR in Biomedicine, 2015, 28, 210-216.	1.6	5
23	High-resolution NMR spectroscopy via simultaneous acquisitions of intermolecular zero- and double-quantum coherence signals in inhomogeneous magnetic fields. Chemical Physics Letters, 2015, 625, 41-47.	1.2	0
24	Hadamard-encoded localized high-resolution NMR spectroscopy via intermolecular double-quantum coherences. Chemical Physics Letters, 2015, 622, 63-68.	1.2	1
25	A single-scan method for NMR 2D J-resolved spectroscopy. Chemical Communications, 2015, 51, 1234-1236.	2.2	14
26	Line broadening interference for high-resolution nuclear magnetic resonance spectra under inhomogeneous magnetic fields. Journal of Chemical Physics, 2015, 142, 134202.	1.2	6
27	Localised two-dimensional correlated spectroscopy based on Hadamard encoding technique. Molecular Physics, 2014, 112, 2602-2607.	0.8	0
28	Hadamard-encoded high-resolution NMR spectroscopy via intermolecular single-quantum coherences. Chemical Physics, 2014, 444, 61-65.	0.9	4
29	Partial homogeneity based high-resolution nuclear magnetic resonance spectra under inhomogeneous magnetic fields. Applied Physics Letters, 2014, 105, 132406.	1.5	11
30	Improving spectral resolution in spatial encoding dimension of single-scan nuclear magnetic resonance 2D spin echo correlated spectroscopy. Molecular Physics, 2014, 112, 2753-2760.	0.8	1
31	High-resolution 2D NMR spectra in inhomogeneous fields via 3D acquisition. Chemical Physics Letters, 2014, 599, 44-50.	1.2	2
32	Reverse detection for spectral width improvements in spatially encoded dimensions of ultrafast two-dimensional NMR spectra. Magnetic Resonance in Chemistry, 2014, 52, 680-685.	1.1	3
33	Ultrafast localized twoâ€dimensional magnetic resonance correlated spectroscopy via spatially encoded technique. Magnetic Resonance in Medicine, 2014, 71, 903-910.	1.9	5
34	Ultrafast acquisition of localized two-dimensional magnetic resonance correlated spectra of inhomogeneous biological tissues with resolution improvements. Chemical Physics Letters, 2013, 581, 96-102.	1.2	18
35	High-resolution absorptive intermolecular multiple-quantum coherence NMR spectroscopy under inhomogeneous fields. Journal of Magnetic Resonance, 2012, 214, 289-295.	1.2	8
36	Accurate Measurement of Small J Couplings. Annual Reports on NMR Spectroscopy, 2011, , 157-183.	0.7	3

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37	Signalâ€toâ€noise ratio enhancement of intermolecular doubleâ€quantum coherence MR spectroscopy in inhomogeneous fields with phased array coils on a 3 tesla wholeâ€body scanner. Journal of Magnetic Resonance Imaging, 2011, 33, 698-703.	1.9	2
38	High-resolution MR spectroscopy via intermolecular double-quantum coherences in inhomogeneous B0 and B1 fields. Magnetic Resonance Imaging, 2011, 29, 601-607.	1.0	1
39	Highâ€resolution MRS in the presence of field inhomogeneity via intermolecular doubleâ€quantum coherences on a 3â€T wholeâ€body scanner. Magnetic Resonance in Medicine, 2010, 63, 303-311.	1.9	18
40	An Intermolecular Single-Quantum Coherence Detection Scheme for High-Resolution Two-Dimensional J-resolved Spectroscopy in Inhomogeneous Fields. Applied Spectroscopy, 2010, 64, 235-240.	1.2	11
41	High-Resolution J-Scaling Nuclear Magnetic Resonance Spectra in Inhomogeneous Fields via Intermolecular Multiple-Quantum Coherences. Applied Spectroscopy, 2009, 63, 585-590.	1.2	5
42	High-resolution NMR spectra under inhomogeneous fields via intermolecular double-quantum coherences. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 1025-1028.	2.0	6
43	Accurate measurements of small J coupling constants under inhomogeneous fields via intermolecular multiple-quantum coherences. Journal of Magnetic Resonance, 2008, 190, 298-306.	1.2	16
44	High-resolution NMR spectra in inhomogeneous fields utilizing the CRAZED sequence without coherence selection gradients. Journal of Magnetic Resonance, 2008, 193, 94-101.	1.2	8
45	Indirect measurement of NMR scalar coupling constants under inhomogenous magnetic fields. , 2006, , .		0