Moraes, Tb

List of Publications by Year
in descending order

31	315	933447	888059
papers	citations	10	17
		h-index	g-index

33	33	33	308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of liquid-phase molecular packing interactions and morphology of fatty acid methyl esters (biodiesel). Biotechnology for Biofuels, 2015, 8, 12.	6.2	41
2	Rapid and simple determination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> relaxation times in time-domain NMR by Continuous Wave Free Precession sequence. Journal of Magnetic Resonance, 2016, 270, 1-6.	2.1	29
3	Monitoring electrochemical reactions in situ using steady-state free precession 13C NMR spectroscopy. Analytica Chimica Acta, 2014, 850, 1-5.	5.4	27
4	Clotrimazole-loaded N-(2-hydroxy)-propyl-3-trimethylammonium, O-palmitoyl chitosan nanoparticles for topical treatment of vulvovaginal candidiasis. Acta Biomaterialia, 2021, 125, 312-321.	8.3	27
5	Liquid-phase characterization of molecular interactions in polyunsaturated and n-fatty acid methyl esters by 1H low-field nuclear magnetic resonance. Biotechnology for Biofuels, 2015, 8, 96.	6.2	24
6	Enhancing signalâ€toâ€noise ratio and resolution in lowâ€field NMR relaxation measurements using postâ€acquisition digital filters. Magnetic Resonance in Chemistry, 2019, 57, 616-625.	1.9	20
7	On resonance phase alternated CWFP sequences for rapid and simultaneous measurement of relaxation times. Journal of Magnetic Resonance, 2015, 259, 174-178.	2.1	17
8	Determination of Biodiesel Content in Diesel Fuel by Time-Domain Nuclear Magnetic Resonance (TD-NMR) Spectroscopy. Energy & Fuels, 2017, 31, 5120-5125.	5.1	15
9	Characterization of chicken muscle disorders through metabolomics, pathway analysis, and water relaxometry: a pilot study. Poultry Science, 2020, 99, 6247-6257.	3.4	14
10	Non-invasive detection of internal flesh breakdown in intact Palmer mangoes using time-domain nuclear magnetic resonance relaxometry. Microchemical Journal, 2020, 158, 105208.	4.5	12
11	Applications of Continuous Wave Free Precession Sequences in Low-Field, Time-Domain NMR. Applied Sciences (Switzerland), 2019, 9, 1312.	2.5	10
12	Processing of high resolution magic angle spinning spectra of breast cancer cells by the filter diagonalization method. Analyst, The, 2012, 137, 4546.	3.5	9
13	Using T1 as a direct detection dimension in two-dimensional time-domain NMR experiments using CWFP regime. Journal of Magnetic Resonance, 2020, 311, 106666.	2.1	9
14	Using TD-NMR relaxometry and 1D 1H NMR spectroscopy to evaluate aging of Nellore beef. Meat Science, 2021, 181, 108606.	5.5	9
15	Prediction of beef color using timeâ€domain nuclear magnetic resonance (TDâ€NMR) relaxometry data and multivariate analyses. Magnetic Resonance in Chemistry, 2016, 54, 800-804.	1.9	7
16	Suppression of spectral anomalies in SSFP-NMR signal by the Krylov Basis Diagonalization Method. Journal of Magnetic Resonance, 2014, 243, 74-80.	2.1	6
17	Measuring thermal properties of oilseeds using time domain nuclear magnetic resonance spectroscopy. Journal of Food Engineering, 2016, 173, 143-149.	5.2	6
18	Integrating High-Resolution and Solid-State Magic Angle Spinning NMR Spectroscopy and a Transcriptomic Analysis of Soybean Tissues in Response to Water Deficiency. Phytochemical Analysis, 2017, 28, 529-540.	2.4	6

#	Article	IF	Citations
19	Insight into morphological, physicochemical and spectroscopic properties of Î²-chitin nanocrystalline structures. Carbohydrate Polymers, 2021, 273, 118563.	10.2	5
20	Recent 1D and 2D TDâ€“NMR Pulse Sequences for Plant Science. Plants, 2021, 10, 833.	3.5	4
21	Noninvasive Analyses of Food Products Using Low-field Time-domain NMR: A Review of Relaxometry Methods. Brazilian Journal of Physics, 2022, 52, 1.	1.4	4
22	Enzymatic Activity Prediction Using Time-Domain Nuclear Magnetic Resonance (TD-NMR) and Multivariate Analysis: A Case Study Using Cassava Roots. Applied Magnetic Resonance, 2018, 49, 653-664.	1.2	3
23	Rapid Determination of Food Quality Using Steady State Free Precession Sequences in TD-MNR Spectroscopy. Special Publication - Royal Society of Chemistry, 2015, , 1-16.	0.0	3
24	TRANSFORMADA INVERSA DE LAPLACE PARA ANÃŁISE DE SINAIS DE RESSONÃ‚NCIA MAGNÃ‰TICA NUCLEAR DE BAIXO CAMPO. Quimica Nova, 0, , .	0.3	2
25	Non-Invasive Method to Predict the Composition of RequeijÃ£o Cremoso Directly in Commercial Packages Using Time Domain NMR Relaxometry and Chemometrics. Molecules, 2022, 27, 4434.	3.8	2
26	Dipolar Based NMR Methods for Probing Intermediate Regime Motions in Polymers. New Developments in NMR, 2019, , 271-298.	0.1	1
27	Using TD-NMR relaxometry to assess the effects of diet type and stocking rate on the incidence and degree of severity of myopathies in broilers. Microchemical Journal, 2022, 181, 107745.	4.5	1
28	Food Analysis Using Fast Steady-State Free Precession TD-NMR Relaxometric Methods. , 2016, , 1-21.		0
29	SIMULATION OF NMR SIGNALS THROUGH THE BLOCH EQUATIONS. Quimica Nova, 2014, , .	0.3	0
30	Food Analysis Using Fast Steady-State Free Precession TD-NMR Relaxometric Methods. , 2018, , 1463-1482.		0
31	A control system for performing automated time-domain NMR measurements in Bruker Minispec spectrometers. IEEE Latin America Transactions, 2022, 20, 1025-1031.	1.6	0