# 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Recent 1D and 2D TDâ€“NMR Pulse Sequences for Plant Science. Plants, 2021, 10, 833. | 3.5 | 4 |
| 7 | Using TD-NMR relaxometry and 1D 1H NMR spectroscopy to evaluate aging of Nellore beef. Meat Science, 2021, 181, 108606. | 5.5 | 9 |
| 8 | Insight into morphological, physicochemical and spectroscopic properties of Î²-chitin nanocrystalline structures. Carbohydrate Polymers, 2021, 273, 118563. | 10.2 | 5 |
| 9 | 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 |
| 10 | Characterization of chicken muscle disorders through metabolomics, pathway analysis, and water relaxometry: a pilot study. Poultry Science, 2020, 99, 6247-6257. | 3.4 | 14 |
| 11 | 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 |
| 12 | Applications of Continuous Wave Free Precession Sequences in Low-Field, Time-Domain NMR. Applied Sciences (Switzerland), 2019, 9, 1312. | 2.5 | 10 |
| 13 | 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 |
| 14 | Dipolar Based NMR Methods for Probing Intermediate Regime Motions in Polymers. New Developments in NMR, 2019, , 271-298. | 0.1 | 1 |
| 15 | 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 |
| 16 | Food Analysis Using Fast Steady-State Free Precession TD-NMR Relaxometric Methods. , 2018, , 1463-1482. | | 0 |
| 17 | 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 |
| 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 | 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 |
| 20 | 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 |
| 21 | Food Analysis Using Fast Steady-State Free Precession TD-NMR Relaxometric Methods. , 2016, , 1-21. | | 0 |
| 22 | Measuring thermal properties of oilseeds using time domain nuclear magnetic resonance spectroscopy. Journal of Food Engineering, 2016, 173, 143-149. | 5.2 | 6 |
| 23 | Study of liquid-phase molecular packing interactions and morphology of fatty acid methyl esters (biodiesel). Biotechnology for Biofuels, 2015, 8, 12. | 6.2 | 41 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Monitoring electrochemical reactions in situ using steady-state free precession 13C NMR spectroscopy. Analytica Chimica Acta, 2014, 850, 1-5. | 5.4 | 27 |
| 29 | SIMULATION OF NMR SIGNALS THROUGH THE BLOCH EQUATIONS. Quimica Nova, 2014, , . | 0.3 | 0 |
| 30 | 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 |
| 31 | TRANSFORMADA INVERSA DE LAPLACE PARA ANÃLISE DE SINAIS DE RESSONÃ‚NCIA MAGNÃ‰TICA NUCLEAR DE BAIXO CAMPO. Quimica Nova, 0, , . | 0.3 | 2 |