Camilla Terenzi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8749931/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Validation of temperatureâ€controlled rheoâ€MRI measurements in a submillimeterâ€gap Couette geometry. Magnetic Resonance in Chemistry, 2022, 60, 606-614.	1.9	4
2	Quantifying cooperative flow of fat crystal dispersions. Soft Matter, 2022, 18, 2782-2789.	2.7	1
3	Non-invasive monitoring of in vitro gastric milk protein digestion kinetics by 1H NMR magnetization transfer. Food Chemistry, 2022, 383, 132545.	8.2	3
4	Non-Invasive Rheo-MRI Study of Egg Yolk-Stabilized Emulsions: Yield Stress Decay and Protein Release. Molecules, 2022, 27, 3070.	3.8	2
5	High-pressure homogenized citrus fiber cellulose dispersions: Structural characterization and flow behavior. Food Structure, 2021, 30, 100237.	4.5	8
6	Nonlocal effects in the shear banding of a thixotropic yield stress fluid. Physical Review Fluids, 2021, 6, .	2.5	5
7	Chemical Feedback in Templated Reaction-Assembly Networks. Macromolecules, 2020, 53, 10675-10685.	4.8	5
8	Full-Harmonics Phasor Analysis: Unravelling Multiexponential Trends in Magnetic Resonance Imaging Data. Journal of Physical Chemistry Letters, 2020, 11, 9152-9158.	4.6	6
9	Quantifying Localized Macromolecular Dynamics within Hydrated Cellulose Fibril Aggregates. Macromolecules, 2019, 52, 7278-7288.	4.8	20
10	Enabling High Spectral Resolution of Liquid Mixtures in Porous Media by Antidiagonal Projections of Two-Dimensional ¹ H NMR COSY Spectra. Journal of Physical Chemistry Letters, 2019, 10, 5781-5785.	4.6	10
11	Spatially-resolved 1H NMR relaxation-exchange measurements in heterogeneous media. Journal of Magnetic Resonance, 2019, 299, 101-108.	2.1	6
12	Hydration-Dependent Dynamical Modes in Xyloglucan from Molecular Dynamics Simulation of ¹³ C NMR Relaxation Times and Their Distributions. Biomacromolecules, 2018, 19, 2567-2579.	5.4	18
13	Water in cellulose: evidence and identification of immobile and mobile adsorbed phases by ² H MAS NMR. Physical Chemistry Chemical Physics, 2017, 19, 4360-4369.	2.8	43
14	Direct 1H NMR evidence of spin-rotation coupling as a source of para → ortho-H2 conversion in diamagnetic solvents. Journal of Chemical Physics, 2017, 146, 154203.	3.0	11
15	Non-exchanging hydroxyl groups on the surface of cellulose fibrils: The role of interaction with water. Carbohydrate Research, 2016, 434, 136-142.	2.3	69
16	Firing-Induced Microstructural Properties of Quasi-Diamagnetic Carbonate-Based Porous Ceramics: a 1H NMR Relaxation Correlation Study. Applied Magnetic Resonance, 2015, 46, 1159-1178.	1.2	5
17	Nanostructural Effects on Polymer and Water Dynamics in Cellulose Biocomposites: ² H and ¹³ C NMR Relaxometry. Biomacromolecules, 2015, 16, 1506-1515.	5.4	33
18	Core–shell cellulose nanofibers for biocomposites – Nanostructural effects in hydrated state. Carbohydrate Polymers, 2015, 125, 92-102.	10.2	44

CAMILLA TERENZI

#	Article	IF	CITATIONS
19	Electron Spin Polarization Transfer to <i>ortho</i> -H ₂ by Interaction of <i>para</i> -H ₂ with Paramagnetic Species: A Key to a Novel para → ortho Conversion Mechanism. Journal of Physical Chemistry Letters, 2015, 6, 1611-1615.	4.6	9
20	Wood Microstructure Explored by Anisotropic ¹ H NMR Line Broadening: Experiments and Numerical Simulations. Journal of Physical Chemistry B, 2013, 117, 8620-8632.	2.6	10
21	Effects of time and temperature of firing on Fe-rich ceramics studied by Mössbauer spectroscopy and two-dimensional 1H-nuclear magnetic resonance relaxometry. Journal of Applied Physics, 2012, 112, .	2.5	6
22	Two-dimensional nuclear magnetic resonance correlation maps as a signature of firing in iron-rich ceramics made from carbonatic raw clays. Applied Clay Science, 2011, 53, 517-524.	5.2	9
23	Firing technique characterization of black-slipped pottery in Praeneste by low field 2D NMR relaxometry. Journal of Archaeological Science, 2011, 38, 352-359.	2.4	19
24	Detection of magnetic environments in porous media by low-field 2D NMR relaxometry. Chemical Physics Letters, 2010, 496, 223-226.	2.6	11
25	Characterization of elemental and firing-dependent properties of Phlegrean ceramics by non-destructive ED-XRF and NMR techniques. Journal of Archaeological Science, 2010, 37, 1403-1412.	2.4	21
26	Two-dimensional longitudinal and transverse relaxation time correlation as a low-resolution nuclear magnetic resonance characterization of ancient ceramics. Journal of Applied Physics, 2009, 105, 034901.	2.5	20
27	The Use of Portable Single-Sided Relaxometry and Laboratory Imaging NMR Devices in Stone Conservation. Studies in Conservation, 2007, 52, 37-49.	1.1	18
28	Validity of NMR pore-size analysis of cultural heritage ancient building materials containing magnetic impurities. Solid State Nuclear Magnetic Resonance, 2007, 32, 129-135.	2.3	25