

# Camilla Terenzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8749931/publications.pdf>

Version: 2024-02-01

28  
papers

441  
citations

840728

11  
h-index

752679

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

558  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Electron Spin Polarization Transfer to <i>ortho</i> - <sup>2</sup> H by Interaction of <i>para</i> - <sup>2</sup> H with Paramagnetic Species: A Key to a Novel <i>para</i> → <i>ortho</i> Conversion Mechanism. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1611-1615.	4.6	9
20	Wood Microstructure Explored by Anisotropic <sup>1</sup> H NMR Line Broadening: Experiments and Numerical Simulations. <i>Journal of Physical Chemistry B</i> , 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 <sup>1</sup> H-nuclear magnetic resonance relaxometry. <i>Journal of Applied Physics</i> , 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. <i>Applied Clay Science</i> , 2011, 53, 517-524.	5.2	9
23	Firing technique characterization of black-slipped pottery in Praeneste by low field 2D NMR relaxometry. <i>Journal of Archaeological Science</i> , 2011, 38, 352-359.	2.4	19
24	Detection of magnetic environments in porous media by low-field 2D NMR relaxometry. <i>Chemical Physics Letters</i> , 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. <i>Journal of Archaeological Science</i> , 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. <i>Journal of Applied Physics</i> , 2009, 105, 034901.	2.5	20
27	The Use of Portable Single-Sided Relaxometry and Laboratory Imaging NMR Devices in Stone Conservation. <i>Studies in Conservation</i> , 2007, 52, 37-49.	1.1	18
28	Validity of NMR pore-size analysis of cultural heritage ancient building materials containing magnetic impurities. <i>Solid State Nuclear Magnetic Resonance</i> , 2007, 32, 129-135.	2.3	25