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List of Publications by Year
in descending order

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18 papers	203 citations	1039406 9 h-index	1058022 14 g-index
18 all docs	18 docs citations	18 times ranked	303 citing authors

#	Article	IF	Citations
1	Field-dependent NMR relaxometry for Food Science: Applications and perspectives. Trends in Food Science and Technology, 2021, 110, 513-524.	7.8	34
2	Dynamics of Ferroelectric Bis(imidazolium) Pentachloroantimonate(III) by Means of Nuclear Magnetic Resonance ¹H Relaxometry and Dielectric Spectroscopy. Journal of Physical Chemistry A, 2014, 118, 3564-3571.	1.1	20
3	1H NMR relaxometry and quadrupole relaxation enhancement as a sensitive probe of dynamical properties of solidsâ€"[C(NH2)3]3Bi2I9 as an example. Journal of Chemical Physics, 2016, 144, 054501.	1.2	20
4	Verification of the authenticity of drugs by means of NMR relaxometryâ€"Viagra Â® as an example. Journal of Pharmaceutical and Biomedical Analysis, 2017, 135, 199-205.	1.4	17
5	Bound water freezing in AntarcticUmbilicaria aprinafrom Schirmacher Oasis. Antarctic Science, 2012, 24, 342-352.	0.5	14
6	Dynamics of Ionic Liquids in Confinement by Means of NMR Relaxometryâ€"EMIM-FSI in a Silica Matrix as an Example. Materials, 2020, 13, 4351.	1.3	14
7	Slow dynamics of solid proteins â€“ Nuclear magnetic resonance relaxometry versus dielectric spectroscopy. Journal of Magnetic Resonance, 2020, 314, 106721.	1.2	14
8	Structure and dynamics of [NH₂(CH₃)₂]₃Sb₂Cl₉ by means of ¹H NMR relaxometry â€“ quadrupolar relaxation enhancement effects. Physical Chemistry Chemical Physics, 2017, 19, 11197-11205.	1.3	12
9	Dynamics of [C3H5N2]6[Bi4Br18] by means of 1H NMR relaxometry and quadrupole relaxation enhancement. Journal of Chemical Physics, 2015, 142, 204503.	1.2	11
10	Vibrations and reorientations of H2O molecules in [Sr(H2O)6]Cl2 studied by Raman light scattering, incoherent inelastic neutron scattering and proton magnetic resonance. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 124, 429-440.	2.0	9
11	Recent development in 1H NMR relaxometry. Annual Reports on NMR Spectroscopy, 2020, , 119-184.	0.7	9
12	Dynamics of Molecular Crystals by Means of ¹Hâ€...NMR Relaxometry: Dynamical Heterogeneity versus Homogenous Motion. ChemPhysChem, 2016, 17, 2329-2339.	1.0	6
13	A method of water-soluble solid fraction saturation concentration evaluation in dry thalli of Antarctic lichenized fungi, in vivo. Biochemistry and Biophysics Reports, 2016, 6, 226-235.	0.7	6
14	Water dynamics in eggs by means of Nuclear Magnetic Resonance relaxometry. Journal of Magnetic Resonance, 2021, 327, 106976.	1.2	5
15	Dynamics of solid alanine by means of nuclear magnetic resonance relaxometry. Journal of Chemical Physics, 2017, 146, 164501.	1.2	4
16	1H spin-lattice NMR relaxation in the presence of residual dipolar interactions â€“ Dipolar relaxation enhancement. Journal of Magnetic Resonance, 2020, 318, 106783.	1.2	4
17	Non-cooperative immobilization of residual water bound in lyophilized photosynthetic lamellae. Cellular and Molecular Biology Letters, 2015, 20, 717-35.	2.7	3
18	Dynamics of Arabic Gum Aqueous Solutions as Revealed by <scp>NMR</scp> Relaxometry. Journal of the Science of Food and Agriculture, 2022, , .	1.7	1