Maude Ferrari

List of Publications by Year
in descending order

20 papers	313 citations	1040056 9 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	409 citing authors

#	Article	IF	Citations
1	Longitudinal relaxation rate measurements for different signals unveiled by nutation spectroscopy: Application to the characterization of two arrangements experienced by water in a clay network. Magnetic Resonance in Chemistry, 2022, 60, 113-120.	1.9	0
2	Swelling of couscous grains under saturated conditions. Journal of Food Engineering, 2022, 319, 110910.	5.2	7
3	The liquid regime of waxy oils suspensions: A magnetic resonance velocimetry analysis. Journal of Non-Newtonian Fluid Mechanics, 2020, 279, 104261.	2.4	11
4	Factors Influencing the Development of Milk Production in Agricultural Holdings. Agricultural Engineering, 2020, 24, 23-34.	0.8	1
5	Proton nutation spectroscopy. Application to the quantitation of water in a kaolinite sample. Journal of Magnetic Resonance, 2019, 309, 106614.	2.1	1
6	Study of Dispersion in Porous Media by Pulsed Field Gradient NMR: Influence of the Fluid Rheology. Transport in Porous Media, 2018, 123, 101-124.	2.6	2
7	Rheology of fiber suspensions using MRI. Europhysics Letters, 2018, 121, 34003.	2.0	1
8	Measurement of short transverse relaxation times by pseudo-echo nutation experiments. Journal of Magnetic Resonance, 2018, 292, 8-15.	2.1	4
9	Dynamic Behavior of Dilute Bentonite Suspensions under Different Chemical Conditions Studied via Magnetic Resonance Imaging Velocimetry. Colloids and Interfaces, 2018, 2, 41.	2.1	1
10	Membrane contactors for process intensification of gas absorption into physical solvents: Impact of dean vortices. Journal of Membrane Science, 2017, 530, 20-32.	8.2	21
11	Quantum Chemical Study of the Thermochemical Properties of Organophosphorous Compounds. Journal of Physical Chemistry A, 2015, 119, 10527-10539.	2.5	29
12	New experimental evidence and modeling study of the ethylbenzene oxidation. Proceedings of the Combustion Institute, 2013, 34, 325-333.	3.9	48
13	Low temperature oxidation of benzene and toluene in mixture with n-decane. Proceedings of the Combustion Institute, 2013, 34, 297-305.	3.9	42
14	Experimental and modeling study of the oxidation of n-butylbenzene. Combustion and Flame, 2012, 159, 1399-1416.	5.2	59
15	New perspectives in the PAW/GIPAW approach: JP-O-Si coupling constants, antisymmetric parts of shift tensors and NQR predictions. Magnetic Resonance in Chemistry, 2010, 48, S86-S102.	1.9	42
16	¹⁴N Pulsed nuclear quadrupole resonance. 4. Two-pulse sequences for the determination of T₁and T₂relaxation times. Molecular Physics, 2009, 107, 2419-2430.	1.7	5
17	Fundamentals of Pulsed Nitrogen-14 Quadrupole Resonance. NATO Science for Peace and Security Series B: Physics and Biophysics, 2009, , 1-29.	0.3	4
18	A fully homemade 14N quadrupole resonance spectrometer. Comptes Rendus Chimie, 2008, 11, 568-579.	0.5	19

#	Article	IF	Citations
19	Nitrogen-14 nuclear quadrupole resonance (NQR): Dramatic sensitivity enhancement by large and fast temperature lowering. Journal of Magnetic Resonance, 2007, 188, 275-278.	2.1	3
20	14N Pulsed nuclear quadrupole resonance. 2. Effect of a single radio-frequency pulse in the general case. Molecular Physics, 2006, 104, 1391-1399.	1.7	13