

# Maude Ferrari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1239316/publications.pdf>

Version: 2024-02-01

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  | Experimental and modeling study of the oxidation of n-butylbenzene. <i>Combustion and Flame</i> , 2012, 159, 1399-1416.   | 5.2 | 59        |
| 2  | New experimental evidence and modeling study of the ethylbenzene oxidation. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 325-333.   | 3.9 | 48        |
| 3  | New perspectives in the PAW/GIPAW approach: JP-O-Si coupling constants, antisymmetric parts of shift tensors and NQR predictions. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, S86-S102.            | 1.9 | 42        |
| 4  | Low temperature oxidation of benzene and toluene in mixture with n-decane. <i>Proceedings of the Combustion Institute</i> , 2013, 34, 297-305.  | 3.9 | 42        |
| 5  | Quantum Chemical Study of the Thermochemical Properties of Organophosphorous Compounds. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10527-10539.  | 2.5 | 29        |
| 6  | Membrane contactors for process intensification of gas absorption into physical solvents: Impact of dean vortices. <i>Journal of Membrane Science</i> , 2017, 530, 20-32.                                 | 8.2 | 21        |
| 7  | A fully homemade <sup>14</sup> N quadrupole resonance spectrometer. <i>Comptes Rendus Chimie</i> , 2008, 11, 568-579.   | 0.5 | 19        |
| 8  | <sup>14</sup> N Pulsed nuclear quadrupole resonance. 2. Effect of a single radio-frequency pulse in the general case. <i>Molecular Physics</i> , 2006, 104, 1391-1399.                                    | 1.7 | 13        |
| 9  | The liquid regime of waxy oils suspensions: A magnetic resonance velocimetry analysis. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2020, 279, 104261.   | 2.4 | 11        |
| 10 | Swelling of couscous grains under saturated conditions. <i>Journal of Food Engineering</i> , 2022, 319, 110910.   | 5.2 | 7         |
| 11 | <sup>14</sup> N Pulsed nuclear quadrupole resonance. 4. Two-pulse sequences for the determination of T <sub>1</sub> and T <sub>2</sub> relaxation times. <i>Molecular Physics</i> , 2009, 107, 2419-2430. | 1.7 | 5         |
| 12 | Measurement of short transverse relaxation times by pseudo-echo nutation experiments. <i>Journal of Magnetic Resonance</i> , 2018, 292, 8-15.   | 2.1 | 4         |
| 13 | Fundamentals of Pulsed Nitrogen-14 Quadrupole Resonance. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009, , 1-29.  | 0.3 | 4         |
| 14 | Nitrogen-14 nuclear quadrupole resonance (NQR): Dramatic sensitivity enhancement by large and fast temperature lowering. <i>Journal of Magnetic Resonance</i> , 2007, 188, 275-278.                       | 2.1 | 3         |
| 15 | Study of Dispersion in Porous Media by Pulsed Field Gradient NMR: Influence of the Fluid Rheology. <i>Transport in Porous Media</i> , 2018, 123, 101-124.   | 2.6 | 2         |
| 16 | Rheology of fiber suspensions using MRI. <i>Europhysics Letters</i> , 2018, 121, 34003.   | 2.0 | 1         |
| 17 | Dynamic Behavior of Dilute Bentonite Suspensions under Different Chemical Conditions Studied via Magnetic Resonance Imaging Velocimetry. <i>Colloids and Interfaces</i> , 2018, 2, 41.                    | 2.1 | 1         |
| 18 | Proton nutation spectroscopy. Application to the quantitation of water in a kaolinite sample. <i>Journal of Magnetic Resonance</i> , 2019, 309, 106614.   | 2.1 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Factors Influencing the Development of Milk Production in Agricultural Holdings. <i>Agricultural Engineering</i> , 2020, 24, 23-34.  | 0.8 | 1         |
| 20 | 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. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 113-120. | 1.9 | 0         |