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List of Publications by Year in descending order

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12
papers

106
citations

1478505

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1281871

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The many-body expansion approach to <i>ab initio</i> calculation of electric field gradients in molecular crystals. <i>Journal of Chemical Physics</i> , 2020, 152, 124105.	3.0	5
2	¹⁴ N NQR spectroscopy reveals the proton position in N-H bonds: a case study with proton sponges. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 306-313.	2.8	6
3	¹ H- ¹⁴ N cross-relaxation spectrum analysis in sildenafil and sildenafil citrate. <i>Solid State Nuclear Magnetic Resonance</i> , 2016, 78, 16-23.	2.3	2
4	WURST-QCPMG sequence and α -spin-lock in ¹⁴ N nuclear quadrupole resonance. <i>Journal of Magnetic Resonance</i> , 2013, 233, 96-102.	2.1	14
5	Capacitor-based detection of nuclear magnetization: Nuclear quadrupole resonance of surfaces. <i>Journal of Magnetic Resonance</i> , 2011, 209, 79-82.	2.1	1
6	¹⁴ N Nuclear Quadrupole Resonance Study of Polymorphism in Trinitrotoluene Samples Obtained from Old Ordnances. <i>Applied Magnetic Resonance</i> , 2009, 36, 115-120.	1.2	4
7	Applicability of TNT α -super-detection to multipulse sequences. <i>Journal of Magnetic Resonance</i> , 2009, 201, 131-136.	2.1	6
8	Improving ¹⁴ N nuclear quadrupole resonance detection of trinitrotoluene using off-resonance effects. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 36, 96-98.	2.3	6
9	TNT detection with ¹⁴ N NQR: Multipulse sequences and matched filter. <i>Journal of Magnetic Resonance</i> , 2009, 198, 215-221.	2.1	21
10	¹⁴ N Nuclear Quadrupole Resonance Signals in Paranitrotoluene and Trinitrotoluene. Spin-Lock Spin-Echo Off-Resonance Effects. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009, , 171-191.	0.3	0
11	Relaxation during spin-lock spin-echo pulse sequence in ¹⁴ N nuclear quadrupole resonance. <i>Journal of Chemical Physics</i> , 2008, 129, 214504.	3.0	20
12	Polarization enhanced α -single shot ¹⁴ N nuclear quadrupole resonance detection of trinitrotoluene at room temperature. <i>Applied Physics Letters</i> , 2006, 89, 123509.	3.3	21