

# Alan GregoroviÄ•

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

106  
citations

1478505

6  
h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

86  
citing authors

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