

Włodzimierz Makulski

List of Publications by Year in descending order

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all docs

50
docs citations

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451
citing authors

#	ARTICLE	IF	CITATIONS
1	Multinuclear NMR spectroscopy of ethanol isotopic forms in the liquid and gas phase. Journal of Molecular Structure, 2022, 1254, 132335.	3.6	3
2	Absolute ¹³ C nuclear magnetic shielding of simple isolated molecules from gas phase measurements. Physical Chemistry Chemical Physics, 2022, 24, 8950-8961.	2.8	2
3	Probing Nuclear Dipole Moments and Magnetic Shielding Constants through ³ Helium NMR Spectroscopy. Physchem, 2022, 2, 116-130.	1.1	2
4	Gas-phase NMR of nuclei other than ¹ H and ¹³ C. , 2021, , .		1
5	Gas-phase ²¹ Ne NMR studies and the nuclear magnetic dipole moment of neon-21. Magnetic Resonance in Chemistry, 2020, 58, 648-652.	1.9	5
6	Deuterium isotope effects on ¹⁷ O nuclear shielding in a single water molecule from NMR gas phase measurements. Physical Chemistry Chemical Physics, 2020, 22, 17777-17780.	2.8	4
7	Explorations of Magnetic Properties of Noble Gases: The Past, Present, and Future. Magnetochemistry, 2020, 6, 65.	2.4	5
8	¹ H, ¹³ C and ²⁹ Si magnetic shielding in gaseous and liquid tetramethylsilane. Journal of Magnetic Resonance, 2020, 313, 106716.	2.1	12
9	Multinuclear Magnetic Resonance Study of Sodium Salts in Water Solutions. Magnetochemistry, 2019, 5, 68.	2.4	9
10	Liquid and gas phase NMR spectra of ¹³ CH ₃ ¹³ CHO acetaldehyde. Journal of Molecular Structure, 2018, 1152, 145-153.	3.6	5
11	Nuclear magnetic dipole moment of ^{209}Bi from NMR experiments. Physical Review A, 2018, 98, .	2.5	8
12	The Radiofrequency NMR Spectra of Lithium Salts in Water; Reevaluation of Nuclear Magnetic Moments for ⁶ Li and ⁷ Li Nuclei. Magnetochemistry, 2018, 4, 9.	2.4	10
13	¹⁷ O and ¹ H NMR spectral parameters in isolated water molecules. Physical Chemistry Chemical Physics, 2018, 20, 22468-22476.	2.8	10
14	¹⁸³ W nuclear dipole moment determined by gas-phase NMR spectroscopy. Chemical Physics, 2017, 498-499, 7-11.	1.9	4
15	NMR absolute shielding scale and nuclear magnetic dipole moment of ²⁰⁷ Pb. Physical Chemistry Chemical Physics, 2016, 18, 16483-16490.	2.8	23
16	¹²⁹ Xe and ¹³¹ Xe nuclear magnetic dipole moments from gas phase NMR spectra. Magnetic Resonance in Chemistry, 2015, 53, 273-279.	1.9	20
17	⁸³ Kr nuclear magnetic moment in terms of that of ³ He. Magnetic Resonance in Chemistry, 2014, 52, 430-434.	1.9	11
18	¹⁷ O and ³³ S nuclear magnetic shielding of sulfur trioxides from the experimental measurements and theoretical calculations. Magnetic Resonance in Chemistry, 2014, 52, 106-110.	1.9	1

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19	1JCH couplings in Group 14/IVA tetramethyls from the gas-phase NMR and DFT structural study: a search for the best computational protocol. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15699-15708.	2.8	10
20	The NMR spin-spin coupling constant $J(^{31}\text{P}, ^1\text{H})$ in an isolated PH_3 molecule. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21559-21563.	2.8	8
21	^{19}F and ^{29}Si nuclear magnetic shielding and spin-spin coupling constants in silicon tetrafluoride and hexafluorodisiloxane in the gaseous state. <i>Journal of Molecular Structure</i> , 2013, 1036, 168-173.	3.6	9
22	Spin-rotation and NMR shielding constants in HCl. <i>Journal of Chemical Physics</i> , 2013, 139, 234302.	3.0	25
23	Nuclear Magnetic Shielding for Hydrogen in Selected Isolated Molecules. <i>Journal of Physical Chemistry A</i> , 2012, 116, 11896-11904.	2.5	55
24	The determination of accurate nuclear magnetic dipole moments and direct measurement of NMR shielding constants. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2012, 67, 49-63.	7.5	54
25	Tetramethyltin study by NMR spectroscopy in the gas and liquid phase. <i>Journal of Molecular Structure</i> , 2012, 1017, 45-50.	3.6	14
26	NMR Shielding Constants in PH_3 , Absolute Shielding Scale, and the Nuclear Magnetic Moment of ^{31}P . <i>Journal of Physical Chemistry A</i> , 2011, 115, 10617-10623.	2.5	39
27	Precise determination of the ^{13}C nuclear magnetic moment from ^{13}C , ^3He and ^1H NMR measurements in the gas phase. <i>Chemical Physics Letters</i> , 2011, 511, 224-228.	2.6	14
28	^{13}C shielding scale for MAS NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 600-602.	1.9	11
29	NMR shielding constants in BF_3 and magnetic dipole moments of B^{11} and B^{10} nuclei. <i>Journal of Chemical Physics</i> , 2009, 130, 044309.	3.0	27
30	Temperature dependence of the $^1\text{J}(\text{B}^{11}\text{B}^{19}\text{F})$ spin-spin coupling in BF_3 molecule. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 857-861.	1.9	7
31	Indirect spin-spin coupling constants in CH_4 , SiH_4 and GeH_4 – Gas-phase NMR experiment and ab initio calculations. <i>Chemical Physics</i> , 2008, 352, 320-326.	1.9	27
32	^1H , ^{13}C , and ^{17}O nuclear magnetic shielding of methanol and its deuterated isotopomers from gas phase measurements. <i>Journal of Molecular Structure</i> , 2008, 872, 81-86.	3.6	18
33	An $^2\text{H(D)}$ isotope shift in the ^1H NMR spectra of water in gaseous environment of fluoromethanes. <i>Journal of Molecular Structure</i> , 2007, 839, 90-93.	3.6	16
34	Multinuclear magnetic resonance studies of gaseous and liquid dimethyl ethers. <i>Journal of Molecular Structure</i> , 2005, 744-747, 439-446.	3.6	5
35	Nuclear magnetic dipole moments from NMR spectra. <i>Chemical Physics Letters</i> , 2005, 411, 111-116.	2.6	65
36	Intermolecular effects on spin-spin coupling and magnetic shielding constants in gaseous difluoromethane. <i>Journal of Molecular Structure</i> , 2004, 704, 211-214.	3.6	11

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37	15N, 13C and 1H nuclear magnetic shielding and spin-spin coupling in gaseous 15N-enriched methylamine. <i>Journal of Molecular Structure</i> , 2004, 704, 305-309.	3.6	18
38	17O and 33S NMR studies of sulfur dioxide and sulfur trioxide. <i>Journal of Molecular Structure</i> , 2004, 704, 219-222.	3.6	15
39	The 17O nuclear magnetic shielding scale from gas-phase measurements. <i>Journal of Molecular Structure</i> , 2003, 651-653, 265-269.	3.6	23
40	Effects of Intermolecular Interactions on 33S Magnetic Shielding in Gaseous SF6. <i>Journal of Physical Chemistry A</i> , 2002, 106, 2829-2832.	2.5	23
41	An improved 33S nuclear magnetic shielding scale from the gas-phase study of COS. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 563-565.	1.9	25
42	Amidines. Part 41. Effects of substitution at the amidino carbon atom and at the imino nitrogen atom on the preferred configuration at the C=N bond in the 13C NMR spectra of N1,N2-dimethyl-N2-alkylamidines. <i>Perkin Transactions II RSC</i> , 2001, , 1186-1191.	1.1	8
43	Density-dependent 17O magnetic shielding in the gas phase. <i>Chemical Physics Letters</i> , 2001, 341, 369-372.	2.6	23
44	Rovibrationally Averaged Nuclear Shielding Constants in OCS. <i>Journal of Magnetic Resonance</i> , 1998, 135, 444-453.	2.1	24
45	A Comparison of the Experimental and ab Initio Values of the 17O NMR Chemical Shifts in the Carbonyl Group. <i>Journal of Magnetic Resonance</i> , 1997, 127, 139-143.	2.1	18
46	Investigations of the luminescence of N-alkenylcarbazoles and their charge-transfer complexes with 2,4,7-trinitro-9-fluorenone and 7,7,8,8-tetracyanoquinodimethane. <i>Journal of Luminescence</i> , 1984, 31-32, 535-537.	3.1	0
47	Gas phase photolysis of propylene at 8.4 and 10.0 eV. <i>Journal of Photochemistry and Photobiology</i> , 1982, 19, 123-131.	0.6	9
48	Gas phase photolysis of 1-butene at 147 nm (8.4 eV). <i>Journal of Photochemistry and Photobiology</i> , 1978, 9, 519-528.	0.6	4
49	Gas phase photolysis of 1-butene at 147 nm (8.4 eV). <i>Journal of Photochemistry and Photobiology</i> , 1978, 9, 519-528.	0.6	12