

Renan Vidal Viesser

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The unexpected roles of σ^* and π orbitals in electron donor and acceptor group effects on the ^{13}C NMR chemical shifts in substituted benzenes. <i>Chemical Science</i> , 2017, 8, 6570-6576.	7.4	39
2	The halogen effect on the ^{13}C NMR chemical shift in substituted benzenes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11247-11259.	2.8	34
3	Trends of intramolecular hydrogen bonding in substituted alcohols: a deeper investigation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16904-16913.	2.8	30
4	Experimental and Theoretical Studies of Intramolecular Hydrogen Bonding in 3-Hydroxytetrahydropyran: Beyond AIM Analysis. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2794-2800.	2.5	18
5	Effects of stereoelectronic interactions on the relativistic spin-orbit and paramagnetic components of the ^{13}C NMR shielding tensors of dihaloethenes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19315-19324.	2.8	18
6	Experimental and theoretical evaluation of trans-3-halo-2-hydroxy-tetrahydropyran conformational preferences. Beyond anomeric interaction. <i>RSC Advances</i> , 2015, 5, 35412-35420.	3.6	14
7	NMR spin-spin coupling constants: bond angle dependence of the sign and magnitude of the vicinal $^3J_{\text{HF}}$ coupling. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24119-24128.	2.8	14
8	Influence of OH \cdots N and NH \cdots O inter- and intramolecular hydrogen bonds in the conformational equilibrium of some 1,3-disubstituted cyclohexanes through NMR spectroscopy and theoretical calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1599-1605.	3.9	12
9	Dealing with Hydrogen Bonding on the Conformational Preference of 1,3-Aminopropanols: Experimental and Molecular Dynamics Approaches. <i>Journal of Physical Chemistry A</i> , 2019, 123, 8583-8594.	2.5	9
10	The Antagonist Effect of Nitrogen Lone Pair: $3J_{\text{HF}}$ versus $5J_{\text{HF}}$. <i>ChemPhysChem</i> , 2018, 19, 1358-1362.	2.1	7
11	$^1J_{\text{CH}}$ Coupling in Benzaldehyde Derivatives: Ortho Substitution Effect. <i>ACS Omega</i> , 2019, 4, 1494-1503.	3.5	5
12	Inverse halogen dependence in anion ^{13}C NMR. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 3019-3030.	2.8	3
13	Counterintuitive deshielding on the ^{13}C NMR chemical shift for the trifluoromethyl anion. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 540-547.	1.9	2
14	Stereoelectronic interactions: A booster for $^4J_{\text{HF}}$ transmission. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 481-488.	1.9	1