

Mario Barzaghi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Anharmonic Thermal Motion Modelling in the Experimental XRD Charge Density Determination of 1-Methyluracil at T = 23 K. <i>Molecules</i> , 2021, 26, 3075.	3.8	5
2	Physicochemical Properties of Zwitterionic L- and D-Alanine Crystals from Their Experimental and Theoretical Charge Densities. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5163-5174.	2.6	59
3	Progress in the Understanding of Drug-Receptor Interactions, Part 2: Experimental and Theoretical Electrostatic Moments and Interaction Energies of an Angiotensin II Receptor Antagonist (C30H30N6O3S). <i>Chemistry - A European Journal</i> , 2007, 13, 6942-6956.	3.3	21
4	Progress in the Understanding of Drug-Receptor Interactions, Part 1: Experimental Charge-Density Study of an Angiotensin II Receptor Antagonist (C30H30N6O3S) at T=17 K. <i>Chemistry - A European Journal</i> , 2005, 11, 4621-4634.	3.3	36
5	Structural Study of the Solid-State Photoaddition Reaction of Arylidenoxyindoles. <i>Journal of Organic Chemistry</i> , 2000, 65, 3416-3425.	3.2	22
6	Experimental Charge Density of L-Glycine at 23 K. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1047-1054.	2.5	114
7	Charge density in crystalline citrinin from X-ray diffraction at 19 K. <i>Canadian Journal of Chemistry</i> , 1996, 74, 1145-1161.	1.1	82
8	Substituent effect on the planarization energy and the relative stability of Winstein and Möbius structures of the homotropylium cation. <i>Computational and Theoretical Chemistry</i> , 1988, 167, 275-300.	1.5	6
9	Thermal rearrangements of the homotropylium cation: An MO investigation of some relevant stationary points on the potential energy surface. <i>Computational and Theoretical Chemistry</i> , 1988, 166, 431-438.	1.5	3
10	The conformational structure of 1,2-dimethoxy-ethane in the gas phase. <i>Computational and Theoretical Chemistry</i> , 1988, 170, 69-74.	1.5	13
11	Electron spin resonance and ENDOR investigation of the ion pairs of 4,4'-dicyanobenzophenone ketyl with alkali-metal cations. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1988, 84, 3279.	1.0	5
12	Dynamic EPR and ENDOR spectroscopies of organic radicals. <i>International Reviews in Physical Chemistry</i> , 1987, 6, 315-336.	2.3	3
13	Momoaromaticity versus Möbius aromaticity. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1987, 84, 783-789.	0.2	7
14	Considered as onium ions. 31. Protonated hydronium dication, H ₄ O ₂ ⁺ . Hydrogen-deuterium exchange of D ₂ H ₁₇ O ⁺ in HF-SbF ₅ and DH ₂₁₇ O ⁺ in DF-SbF ₅ and theoretical calculations. <i>Journal of the American Chemical Society</i> , 1986, 108, 1032-1035.	13.7	35
15	Cyclopropane ring closure in 11,11-disubstituted 1,6-methano [10] annulenes. <i>Computational and Theoretical Chemistry</i> , 1986, 138, 39-50.	1.5	17
16	Charge density topological approach to the dinorcaradiene .dblharw. [10]annulene equilibrium in some 11,11-disubstituted 1,6-methano[10]annulenes. <i>Journal of the American Chemical Society</i> , 1985, 107, 878-887.	13.7	40
17	The ring closure reaction in 1,6-methano-[10]annulene. <i>International Journal of Quantum Chemistry</i> , 1984, 26, 433-438.	2.0	3
18	Iterative computer analysis of complex dynamic EPR bandshapes. Fast motional region. <i>Journal of Magnetic Resonance</i> , 1983, 51, 175-204.	0.5	17

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19	Regioselectivity of 1,3-dipolar cycloadditions of (phenylsulfinyl)- and (phenylsulfonyl)alkenes. Journal of Organic Chemistry, 1983, 48, 3807-3810.	3.2	23
20	Carbocations. 7. Structure and stability of diprotonated methane, CH ₆ ²⁺ . Journal of the American Chemical Society, 1983, 105, 5258-5263.	13.7	54
21	Carbocations. 6. The ethylene dication: a theoretical study of the ethylene dication (C ₂ H ₄ ²⁺) potential-energy surface. Journal of the American Chemical Society, 1983, 105, 5252-5257.	13.7	56
22	Effects of ion pair association on the barrier to hindered internal rotation in nitrobenzophenone and dinitrobenzophenone radical anions. The Journal of Physical Chemistry, 1983, 87, 881-888.	2.9	10
23	Diprotonated methane, CH ₆ ²⁺ , and diprotonated ethane, C ₂ H ₈ ²⁺ . Journal of the American Chemical Society, 1982, 104, 6851-6852.	13.7	49
24	Kinetics and thermodynamics of restricted rotation of the formyl group in nitrobenzaldehyde anion radicals. Journal of the American Chemical Society, 1982, 104, 6506-6515.	13.7	10
25	An electron spin resonance investigation of the intermediates and products in the basic reduction of cis- and trans-p-nitro- ¹² -bromostyrenes. Journal of the Chemical Society Perkin Transactions II, 1982, , 349-354.	0.9	8
26	Kinetics and thermodynamics of triple-ion formation. An EPR investigation. The Journal of Physical Chemistry, 1981, 85, 1799-1808.	2.9	13
27	Electron spin resonance study of hindered internal rotation in the 3,5-dinitrobenzamide radical anion and related compounds. The Journal of Physical Chemistry, 1980, 84, 1959-1968.	2.9	13
28	ESR study of the mechanism of an intermolecular cation-exchange reaction between 3,5-dinitrobenzotrile-sodium ion pair and sodium tetraphenylborate. The Journal of Physical Chemistry, 1980, 84, 1717-1724.	2.9	9
29	An electron spin resonance study of side reactions in the equilibria of formation of triple ions. Journal of the Chemical Society Perkin Transactions II, 1980, , 1617.	0.9	8
30	Oxygen chemisorption by ³ -Al ₂ O ₃ phthalocyaninato cobalt(II). Influence of the surface species ³ -Al ₂ O ₃ on O ₂ fixation. Journal of the Chemical Society Faraday Transactions I, 1979, 75, 1857.	1.0	7
31	Electron spin resonance line-width alternation and sodium(1+) transfer in the ion pairs of 3,5-dinitropyridine. Journal of the American Chemical Society, 1978, 100, 3132-3139.	13.7	17
32	An electron spin resonance investigation of substituted 3-nitropyridines radical anions. The Journal of Physical Chemistry, 1978, 82, 2105-2114.	2.9	13
33	An electron spin resonance investigation on intermediates and products in the basic oxidation of nitrodiphenylethylenes. Journal of the American Chemical Society, 1978, 100, 251-259.	13.7	25
34	Geometry and electronic structure of nitrostyrene molecules and anions. The Journal of Physical Chemistry, 1974, 78, 49-56.	2.9	16