

Riccardo Destro

List of Publications by Year in descending order

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#	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	Experimental Charge Density Analysis and Electrostatic Properties of Crystalline 1,3-Bis(Dimethylamino)Squaraine and Its Dihydrate from Low Temperature (T = 18 and 20 K) XRD Data. <i>Crystals</i> , 2020, 10, 894.	2.2	1
3	Anharmonic motions versus dynamic disorder at the Mg ion from the charge densities in pyrope (Mg ₃ Al ₂ Si ₃ O ₁₂) crystals at 30 K: six of one, half a dozen of the other. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 722-736.	1.1	12
4	On the Charge Density Refinement of Odd-Order Multipoles Invariant under Crystal Point Group Symmetry. <i>Symmetry</i> , 2017, 9, 63.	2.2	1
5	Single N=C Bond Becomes Shorter than a Formally Double N=C Bond in a Thiazete-1,1-dioxide Crystal: An Experimental and Theoretical Study of Strong Crystal Field Effects. <i>Crystal Growth and Design</i> , 2014, 14, 4418-4429.	3.0	11
6	Estimated H-atom anisotropic displacement parameters: a comparison between different methods and with neutron diffraction results. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, 465-475.	0.3	94
7	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
8	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
9	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
10	On the role of data quality in experimental charge-density studies. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2004, 60, 365-370.	0.3	18
11	Approximate anisotropic displacement parameters for H atoms in molecular crystals. <i>Chemical Physics Letters</i> , 2004, 386, 472-478.	2.6	58
12	Experimental Charge Density of L-Glycine at 23 K. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1047-1054.	2.5	114
13	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
14	A low-temperature (23 K) study of L-alanine. <i>The Journal of Physical Chemistry</i> , 1988, 92, 966-973.	2.9	194
15	Experimental Determination of Scan-truncation Losses from Low-temperature (16 K) Single-crystal X-ray Measurements. <i>Australian Journal of Physics</i> , 1988, 41, 503.	0.6	24