

Graham Carver

List of Publications by Year in descending order

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12
papers

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citations

933447

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docs citations

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395
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Pressure on the Magnetic Anisotropy in the Single-Molecule Magnet Mn ₁₂ -Acetate: An Inelastic Neutron Scattering Study. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4239-4242.	13.8	45
2	Structure and Bonding of the Vanadium(III) Hexa-Aqua Cation. 1. Experimental Characterization and Ligand-Field Analysis. <i>Inorganic Chemistry</i> , 2004, 43, 8049-8060.	4.0	38
3	Spectroscopic and Structural Characterization of the [Fe(imidazole) ₆] ²⁺ Cation. <i>Inorganic Chemistry</i> , 2003, 42, 5771-5777.	4.0	37
4	Electronic and Molecular Structure of High-Spin d ⁴ Complexes: Experimental and Theoretical Study of the [Cr(D ₂ O) ₆] ²⁺ Cation in Tutton's Salts. <i>Journal of the American Chemical Society</i> , 2004, 126, 16639-16652.	13.7	35
5	Structure and Bonding of the Vanadium(III) Hexa-Aqua Cation. 2. Manifestation of Dynamical Jahn-Teller Coupling in Axially Distorted Vanadium(III) Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 8061-8071.	4.0	22
6	Spectroscopic, Magnetochemical, and Crystallographic Study of Cesium Iron Phosphate Hexahydrate: Characterization of the Electronic Structure of the Iron(II) Hexa-aqua Cation in a Quasicubic Environment. <i>Inorganic Chemistry</i> , 2006, 45, 4695-4705.	4.0	21
7	Electronic Raman transitions from the vanadium(III) hexa-aqua cation, in guanidinium vanadium sulphate. <i>Chemical Physics Letters</i> , 2001, 337, 391-397.	2.6	19
8	Electronic Raman spectroscopy of the vanadium(III) hexaaqua cation in guanidinium vanadium sulphate: Quintessential manifestation of the dynamical Jahn-Teller effect. <i>Journal of Chemical Physics</i> , 2005, 122, 124511.	3.0	15
9	Low-Temperature Single-Crystal Raman and Neutron-Diffraction Study of the Hydrogenous Ammonium Copper(II) Tutton Salt and the Deuterated Analogue in the Metastable State. <i>Inorganic Chemistry</i> , 2003, 42, 8524-8533.	4.0	14
10	Direct Identification of the Minority and Majority Species in the Single-Molecule Magnet Mn ₁₂ -Acetate by Inelastic Neutron Scattering. <i>Journal of the American Chemical Society</i> , 2007, 129, 1526-1527.	13.7	12
11	The dependence of the spin-Hamiltonian parameters of the [Ti(OH ₂) ₆] ³⁺ cation on the mode of water co-ordination. <i>Chemical Physics</i> , 2002, 282, 245-263.	1.9	8
12	Theory of High-Spin d ⁴ Complexes: An Angular-Overlap Model Parametrization of the Ligand Field in Vibronic-Coupling Calculations. <i>Journal of Chemical Theory and Computation</i> , 2008, 4, 603-613.	5.3	6