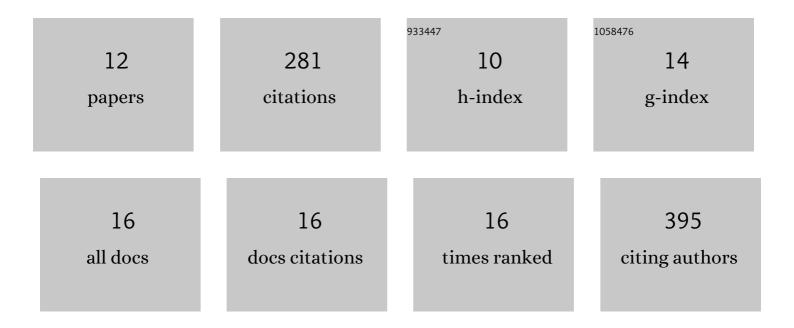
## **Graham Carver**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Theory of High-Spin d <sup>4</sup> Complexes: An Angular-Overlap Model Parametrization of the Ligand Field in Vibronic-Coupling Calculations. Journal of Chemical Theory and Computation, 2008, 4, 603-613.	5.3	6
2	Direct Identification of the Minority and Majority Species in the Single-Molecule Magnet Mn12-Acetate by Inelastic Neutron Scattering. Journal of the American Chemical Society, 2007, 129, 1526-1527.	13.7	12
3	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. Inorganic Chemistry, 2006, 45, 4695-4705.	4.0	21
4	Effect of Pressure on the Magnetic Anisotropy in the Single-Molecule Magnet Mn12-Acetate: An Inelastic Neutron Scattering Study. Angewandte Chemie - International Edition, 2005, 44, 4239-4242.	13.8	45
5	Electronic Raman spectroscopy of the vanadium(III) hexaaqua cation in guanidinium vanadium sulphate: Quintessential manifestation of the dynamical Jahn–Teller effect. Journal of Chemical Physics, 2005, 122, 124511.	3.0	15
6	Structure and Bonding of the Vanadium(III) Hexa-Aqua Cation. 2. Manifestation of Dynamical Jahnâ^'Teller Coupling in Axially Distorted Vanadium(III) Complexes. Inorganic Chemistry, 2004, 43, 8061-8071.	4.0	22
7	Electronic and Molecular Structure of High-Spin d4 Complexes:  Experimental and Theoretical Study of the [Cr(D2O)6]2+ Cation in Tutton's Salts. Journal of the American Chemical Society, 2004, 126, 16639-16652.	13.7	35
8	Structure and Bonding of the Vanadium(III) Hexa-Aqua Cation. 1. Experimental Characterization and Ligand-Field Analysis. Inorganic Chemistry, 2004, 43, 8049-8060.	4.0	38
9	Spectroscopic and Structural Characterization of the [Fe(imidazole)6]2+Cation. Inorganic Chemistry, 2003, 42, 5771-5777.	4.0	37
10	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. Inorganic Chemistry, 2003, 42, 8524-8533.	4.0	14
11	The dependence of the spin-Hamiltonian parameters of the [Ti(OH2)6]3+ cation on the mode of water co-ordination. Chemical Physics, 2002, 282, 245-263.	1.9	8
12	Electronic Raman transitions from the vanadium(III) hexa-aqua cation, in guanidinium vanadium sulphate. Chemical Physics Letters, 2001, 337, 391-397.	2.6	19