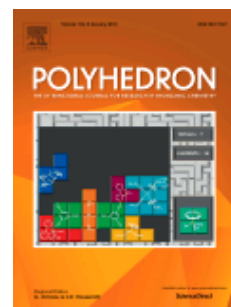




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Polyhedron publishes original, fundamental, experimental and theoretical work of the highest quality in all the major areas of **inorganic chemistry**. This includes **synthetic** chemistry, **coordination** chemistry, **organometallic** chemistry, **bioinorganic** chemistry, and **solid-state** and **materials** chemistry. Papers should be significant pieces of work, and all new compounds must be appropriately characterized. The inclusion of single-crystal X-ray structural data is strongly encouraged, but papers reporting only the X-ray structure determination of a single compound will usually not be considered. Papers on solid-state or materials chemistry will be expected to have a significant molecular chemistry component, such as the synthesis and characterization of the molecular precursors and/or a systematic study of the use of different precursors or reaction conditions. Polyhedron publishes **full papers**, specially commissioned review articles (**Polyhedron Reports**) and themed issues of the journal (**Polyhedron Symposia-in-Print**). Polyhedron does **not** publish communications or notes.

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#### *Crystallographic data*

#### **Validation of Deposition of Crystallographic Data**

#### **Information and Instructions to Authors of Papers Containing or Comprising Crystal Structure Determinations**

##### **1. Policy**

The Journal will accept for publication, papers containing, or comprising the results of crystal structure determinations which will be of interest to inorganic chemists. Papers reporting only crystallographic results must relate to work of novelty or special significance to inorganic and organometallic chemistry which must be emphasised.

##### **2. Submission of Papers**

The following procedures should be followed:

a) Prior to the submission of the manuscript, the author(s) should validate and deposit files in Crystallographic Information File (CIF) format.

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Within a day or two of submission the Data Centres will provide deposition codes for each data set. This should be noted in the Supplementary Material section at the end of the text file before the reference list in the manuscript submitted to the journal. The deposited data will be accessed by the journal and checked as part of the refereeing process.

b) When the paper is submitted to the Journal, the following guidelines should be adhered to: The **Title** should contain reference to the presence in the paper of X-ray crystallographic results. The **Abstract** should **not** contain crystal data, but should include a concise statement of the main features of the structural results.

The **Experimental** results must be presented in a concise format.

In general, authors should not include a detailed text description of data collection, crystal structure solution and refinement, especially if these followed standard procedures and no difficulties were met. Reference to a previous paper containing a more detailed experimental description can be given if relevant. However, if any parts of the structure analysis were unusual, and affected the presentation and/or accuracy of the results, then these should be discussed. The following crystallographic data should be given, all contained in a paragraph (if one structure reported), or table (two or more structures).

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(iii) Unit cell parameters with esds and X-ray wavelength used.

(iv) Crystal system, space group and number of complete chemical units (see ii) per cell.

(v) Type of diffractometer used and method of data collection. Total number of data collected, excluding any intensity controls, number unique  $R_{\text{int}}$  value, number observed (with cut-off parameter), and completeness of data to suitable  $2\theta$  or  $\sin/\lambda$  limit, use or otherwise of absorption correction.

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