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Nanoporous, two-dimensional carbon materials for gas separation

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The main text of the article¹ should appear here.

0.1 This is the subsection heading style

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1 Graphics and tables

1.1 Graphics

Graphics should be inserted on the page where they are first mentioned (unless they are equations, which appear in the flow of the text).³



Fig. 1 An example figure caption

1.2 Tables

Tables typeset in RSC house style do not include vertical lines. Table footnote symbols are lower-case italic letters and are typeset

at the bottom of the table. Table captions do not end in a full point.^{4,5}

Table 1 An example of a caption to accompany a table

Header one/units	Header two	Header three
1	2	3
4	5	6
7	8	9
10	11	12

Adding notes to tables can be complicated. Perhaps the easiest method is to generate these manually.[§]

2 Equations

Equations can be typeset inline *e.g.* $y = mx + c$ or displayed with and without numbers:

$$A = \pi r^2$$

$$\frac{\gamma}{\epsilon x} r^2 = 2r \quad (1)$$

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[§]Footnotes should appear here. These might include comments relevant to but not central to the matter under discussion, limited experimental and spectral data, and crystallographic data.

$$T_{nn''}^{mm''} = \begin{cases} \frac{(q+p'')!(p-p'')!}{(q-q'')!(p+q'')!} a^{m-m''} b^{n''} P_{p-p''}^{(m-m'',n'')} (1-2A^2) P_{p-p''}^{(m-m'',n'')} (2B^2-1) \\ \text{when } n-n'' \geq m-m'' \geq 0, \\ \\ \frac{(p+q'')!(q-q'')!}{(p-p'')!(q+p'')!} a^{m''-m} b^{n''} P_{q-q''}^{(m''-m,n'')} (1-2A^2) P_{q-q''}^{(m''-m,n'')} (2B^2-1) \\ \text{when } n-n'' \geq m''-m \geq 0, \\ \\ 0 \text{ otherwise.} \end{cases} \quad (2)$$

You can also put lists into the text. You can have bulleted or numbered lists of almost any kind. The `mhchem` package can also be used so that formulae are easy to input: `\ce{H2SO4}` gives H_2SO_4 .

For footnotes in the main text of the article please number the footnotes to avoid duplicate symbols. e.g. `\footnote[num]{your text}` the corresponding author * counts as footnote 1, ESI as footnote 2, e.g. if there is no ESI, please start at [num]=[2], if ESI is cited in the title please start at [num]=[3] etc. Please also cite the ESI within the main body of the text using †.

3 Conclusions

The conclusions section should come at the end of article. For the reference section, the style file `rsc.bst` can be used to generate the

correct reference style.

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