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优质学术资源，化学科学知识宝库

英国皇家化学会 (Royal Society of Chemistry, RSC) 成立于 1841 年，在全球范围内拥有超过五万名会员，是历史最悠久也最具影响力的化学专业团体之一。

英国皇家化学会同时也是一家声誉卓著的学术出版机构，拥有约 50 本高水平的化学和相关学科领域学术期刊以及图书、数据库和杂志。英国皇家化学会旗下的学术期刊不仅以前沿的科研论文和权威的研究综述享誉全球化学界，更因其严谨的科学态度、公正的同行评审、迅捷的出版速度而广受好评。

作为一家非营利性的出版机构，英国皇家化学会的出版业务盈余均被用于支持科学工作者的交流和推进化学科学的发展，包括举办学术会议、为科研人员提供支持、促进化学教育及向公众传播化学知识等。

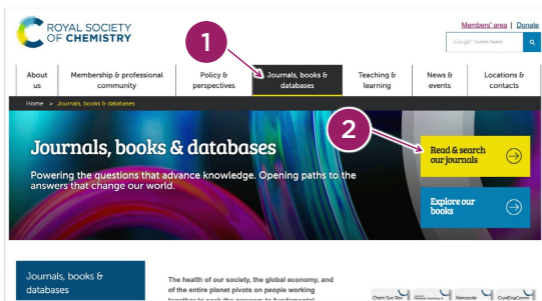


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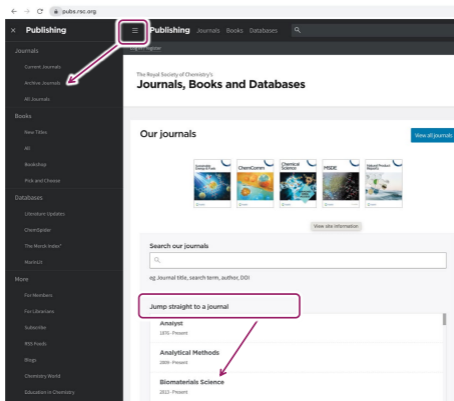
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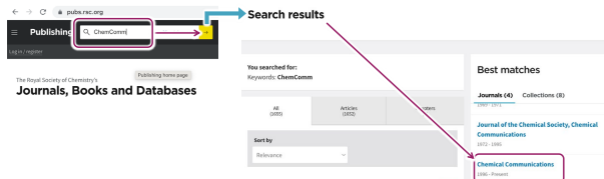
1. 通过期刊名称快速找到期刊：

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2. 通过期刊名称快速找到期刊：

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浏览某本期刊的论文目录/列表

1. Recent Articles 页面

这一部分列出了近期出版但尚未编卷期的论文，包括 Advance Article 和 Accepted Manuscript，两者均被视为「已出版」，均有 DOI 并且均可被引用。

- **Advance Article** 的 PDF 版本已经经过排版和校对，并且网页 HTML 版本已经上线，但尚未编排卷号和期号。
- **Accepted Manuscript** 是论文稿件的接收版本（经过同行评审和修改的终稿），但其 PDF 版本尚未按照 RSC 的版式进行过专门的排版与校对。通常 Accepted Manuscript 会在一周左右完成排版与校对，成为 Advance Article。

Recent Articles 页面上的 Advance Article 会显示论文标题、作者姓名、对所报道工作的一句话简短介绍、图片摘要、上线日期、出版年份、DOI 等信息。

为方便读者，点击黄色背景的「Download PDF」按钮可以直接下载论文的 PDF 版本，点击蓝色背景的「Article HTML」按钮可以直接进入全文的 HTML 页面。

The image shows two side-by-side screenshots of the 'Recent Articles' page on the Royal Society of Chemistry website. The left screenshot shows the 'Include Accepted Manuscripts' checkbox unchecked, resulting in 130 items being displayed. The right screenshot shows the checkbox checked, resulting in 195 items being displayed. Annotations in Chinese provide instructions: '勾选后可显示 Accepted Manuscripts' (After selecting, you can display Accepted Manuscripts), '翻页按钮' (Page navigation button), '点击下载 PDF 全文' (Click to download PDF full text), '点击可打开论文载入页' (Click to open the article loading page), and '打开 HTML 全文' (Open HTML full text).

勾选「Include Accepted Manuscripts」复选框后，除了显示 Advance Article 外，可以同时显示 Accepted Manuscripts。

Accepted Manuscripts 的论文仅显示论文标题、作者姓名、文字摘要、接收日期、DOI 等信息，并提供尚未正式排版的 PDF 的下载链接，尚不显示作者单位信息与图片摘要。

2. Published Issues 页面

这里按不同期列出的已编卷期的论文。点击「Cover info and contents」旁的+号，可以展开封面（封面、内封面）以及该期目录的 PDF 版本下载链接。

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点击 + 号查看此期封面与目录

Highlight
Manufacturing polymeric porous capsules
Claudia Contini, Wenyi Hu and Yuval Elani
The review paper outlines the current state-of-the-art strategies adopted to fabricate polymeric porous capsules which represent a novel supramolecular construct that broadens the applicability and versatility of self-assembled polymeric systems.

From the themed collection: [2022 Emerging Investigators](#)

The article was first published on 17 Mar 2022
Chem. Commun., 2022, **58**, 4409–4419
<https://doi.org/10.1039/D1CC06565C>

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- Issue 29, Page 4543 to 4676
- Issue 28, Page 4399 to 4542
- Issue 27, Page 4269 to 4398
- Issue 26, Page 4105 to 4268

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3. 引导栏上的其它标签页面

部分跨学科期刊的「Subject Area」标签下将所发论文按照学科领域进行了分类。「Themed Collections」标签下则列出了该刊现有的各个“专题合辑”。

学科领域分类

专题合辑

定位或搜索所需论文

1. 浏览定位至所需论文

如果知道某篇论文的期（卷）号以及页码，可按前述期刊浏览方法找到该篇论文。

2. 通过 DOI 号直达论文

如果有论文的 DOI 号，也可以在浏览器地址栏输入以下 URL，按下回车键后直达该片论文的载入页：<https://doi.org/DOI>。以 DOI 号为 10.1039/C4CS00388H 的论文为例，在浏览器地址栏直接输入「<https://doi.org/10.1039/C4CS00388H>」，然后按回车键或浏览器上的「前往」按钮即可直达。

3. 通过普通搜索功能查找到所需论文

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4. 通过高级搜索功能查找到所需论文

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 Book Chapters

FULL TEXT

with all of the words

with at least one of the words

with the exact phrase

without the words

Advanced Search Tips

Journal Articles / Book Chapters

The default search covers both journals and books content. To search only within journals or a single journal, select the option to 'Search for Journal Articles'. Separate search options are also available for book chapters.

Full Text / Keyword

其中，「with all of the words」为非精确匹配，「with the exact phrase」则执行精确匹配。比如，搜索「aggregation induced emission」时，前者则会得到 aggregation、emission 等分开搜索的结果，后者则会精确匹配「聚集诱导发光」。

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Issue 48, 2021

From the journal: **Chemical Science**

Uncommon carbene insertion reactions

Ming-Yao Huang^a and Shou-Fei Zhu^{a, *}

Author affiliations

Abstract

Transition-metal-catalysed carbene insertion reaction is a straightforward and efficient protocol for the construction of carbon-carbon or carbon-heteroatom bonds. Compared to the intensively studied and well-established "common" carbene insertion reactions, including carbene insertion into C-H, Si-H, N-H, O-H, and S-H bonds, several "uncommon" carbene insertion reactions, including carbene insertion into B-H, Sn-H, Ge-H, P-H, F-H, C-C, and M-M bonds, have been neglected for a long time. However, more and more studies on uncommon carbene insertion reactions have been disclosed recently, and clearly demonstrate the great synthetic potential of these reactions. The current perspective reviews the history and the newest advances of uncommon carbene insertion reactions, discusses their potential applications and challenges, and also presents an outlook of this promising field.

Chemical reaction scheme showing carbene insertion into various bonds:

$$\begin{array}{c}
 \text{X-H} \\
 \text{[C]-[C]} \\
 \text{[M]-[M]}
 \end{array}
 \begin{array}{c}
 \text{[M]} \\
 \text{R}^1 \text{---} \text{C} \text{---} \text{R}^2 \\
 \text{or} \\
 \text{R}^1 \text{---} \text{C} \text{---} \text{R}^2 \\
 \text{[M]}
 \end{array}
 \begin{array}{c}
 \text{H X} \\
 \text{R}^1 \text{---} \text{C} \text{---} \text{R}^2 \\
 \text{[C]-[C]} \\
 \text{R}^1 \text{---} \text{C} \text{---} \text{R}^2 \\
 \text{[M]-[M]} \\
 \text{X}
 \end{array}$$

Article information

<https://doi.org/10.1039/D1SC03328J>

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2. 获取论文被引用情况以及有关联的内容

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Issue 48, 2021

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 \begin{array}{c}
 \text{[M]} \\
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 \text{[M]}
 \end{array}
 \begin{array}{c}
 \text{H X} \\
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 \text{[C]-[C]} \\
 \text{R}^1 \text{---} \text{C} \text{---} \text{R}^2 \\
 \text{[M]-[M]} \\
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 \end{array}$$

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Recent advances in transition-metal-catalyzed carbene insertion to C-H bonds

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The screenshot shows the RSC Publishing website interface. On the left, a navigation menu is visible with 'Publishing' at the top. A red box highlights the 'Publishing' menu item, and a red arrow points to the 'Subscribe' option. Another red arrow points to the 'RSS Feeds' option, with a red annotation '点此订阅 RSS 通知' (Click here to subscribe to RSS notifications). The main content area shows the 'Email Alerts Service' form. A red box highlights the 'Amend existing email alerts' section, with a red annotation '邮件订阅已有用户修改订阅选项' (Click here to modify subscription options for existing email subscribers). Another red box highlights the 'Sign up for new email alerts' section, with a red annotation '邮件订阅新用户' (Click here to subscribe as a new user). At the bottom of the form, a red box highlights the 'Select the email alerts you would like to receive' section, with a red annotation '选择订阅内容' (Click here to select subscription content). The form includes fields for 'Email Address', 'Title', 'First Name', and 'Surname', and a table for selecting 'Issue Alerts' and 'News Alerts' for various journals like 'Analyst', 'Analytical Methods', 'Biomaterials Science', and 'Catalysis Science & Technology'.