

ACS Publications 簡介 & 簡易操作說明

簡介

由美國化學學會所出版的專業期刊，廣泛地涵蓋化學相關領域主題—分析化學、食品科學、材料科學、醫藥化學、毒物學、生物化學等，經過同儕評論高品質的文章，累積近 130 年化學的原始研究，包含三百萬頁超過 800,000 篇的文章，擁有耀眼的影響指數，被 ISI 的 Journal Citation Report (JCR) 評為：化學領域中，被引用次數最多之化學期刊。

ACS Publication 連結網址：<http://pubs.acs.org>

ACS Publication 線上操作說明：<http://pubs.acs.org/page/demo/index.html>

首頁介紹



The screenshot shows the ACS Publications homepage with several key features highlighted by yellow boxes and red outlines:

- Search Functionality:** A yellow box labeled "查詢特定的引用文獻" (Query specific citation documents) points to the search bar. Another yellow box labeled "檢索 CAS 分類的主題文章" (Search for articles by CAS classification) points to the "Citation" and "Subject" tabs. A third yellow box labeled "關鍵字檢索: 全文 | 篇名 | 作者 | 摘要" (Keyword search: Full text | Title | Author | Abstract) points to the "Advanced Search" button.
- Navigation Bar:** A red outline highlights the top navigation bar with links: Home, Authors & Reviewers, Librarians & Account Managers, ACS Members, Alerts, About Us, and ACS & Open Access.
- ACS Editors' Choice:** A yellow box labeled "ACS 出版部的相關資訊: 作者與審稿 | 圖館館員與帳戶管理 | ACS 會員資訊 | 通知設定 | 關於 ACS 出版部 | OA 發展" (ACS Publishing Department's related information: Authors and reviewers | Library staff and account management | ACS member information | Notification settings | About ACS Publishing Department | OA development) points to the "ACS Editors' Choice" section.
- Publications A-Z:** A red outline highlights the "Publications A-Z" link in the bottom left corner.
- Journal Browsing:** A yellow box labeled "期刊瀏覽方式: 期刊名排序 | CAS 主題分類 | 期刊封面" (Journal browsing methods: Journal name sorting | CAS subject classification | Journal cover) points to the "CAS Subjects" and "Cover Gallery" links.

The main content area features a "Bio-Imaging" section with a "Virtual Issue" for "NANO LETTERS" titled "Dynamic Nanomaterials Phenomena Investigated with In-Situ TEM".



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To: Month Year

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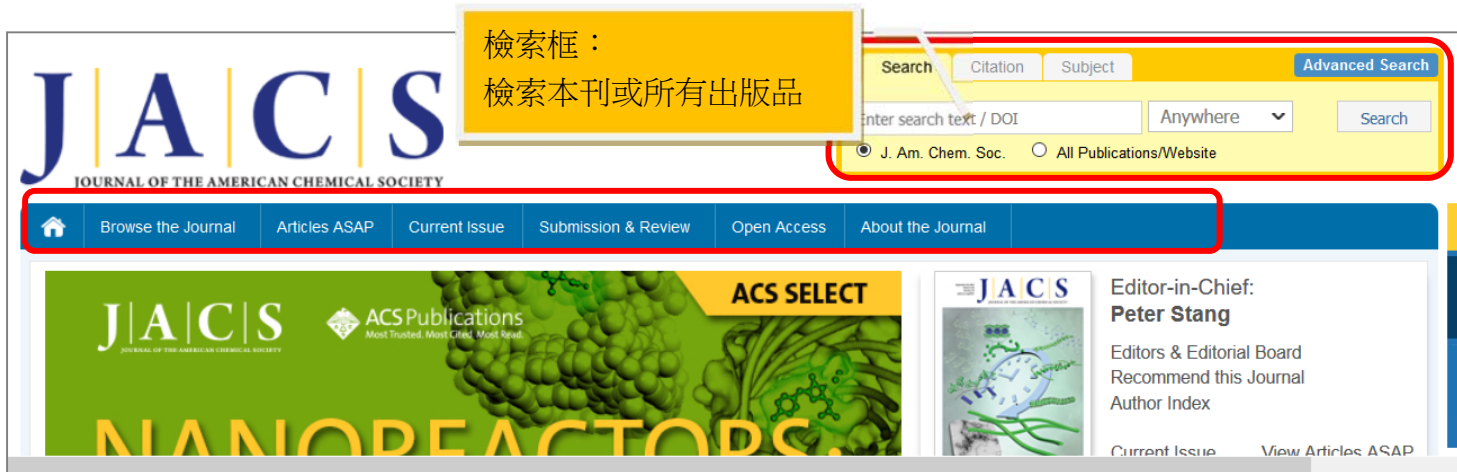
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Search Tips 搜尋技巧

1. 布林邏輯：除了 Author 作者搜尋欄之外，其他的欄位皆允許使用者在關鍵字之間鍵入 And, Or, Not 的布林邏輯關係。系統預設的邏輯關係是 And
2. Phrases：當欲搜尋的關鍵詞為一特定的片語時，請在此關鍵詞的前後輸入引號，以避免系統使用預設的 And 連結關鍵字。此功能亦不適用於 Author 作者搜尋欄。
3. Wildcards 通配字元：在不確定關鍵字的確切拼法時，可使用 ? 代替任何一個字母，或是使用 * 代替多個字母。但不可使用於關鍵字的開頭，或是在特定的片語裡加上 ?
4. Stemming：當把 Enable stemming 的功能勾選起來時，系統將自動擴充您的搜尋範圍，包括和您的關鍵字相同字根的辭彙，例如當搜尋 "nanotubes" 時，也會一併搜尋此關鍵字的單數型 "nanotube"，以及其他有使用 nano 此字根的關鍵字
5. 選擇特定的期刊搜尋範圍：系統的預設是在所有 ACS 的期刊內搜尋，若欲指定欲搜尋的期刊種類時，可按下 Modify Selection 將出現期刊選單
6. Save Your Search 存取您的搜尋：如果您知道在未來您將常執行某一個搜尋時，您可以將您設定的搜尋條件存取至您的個人帳號裡，也可以設定訂時寄送搜尋結果至您的 e-mail 信箱，幫助您保持追蹤此領域文獻的更新狀況。



期刊頁面各功能介紹



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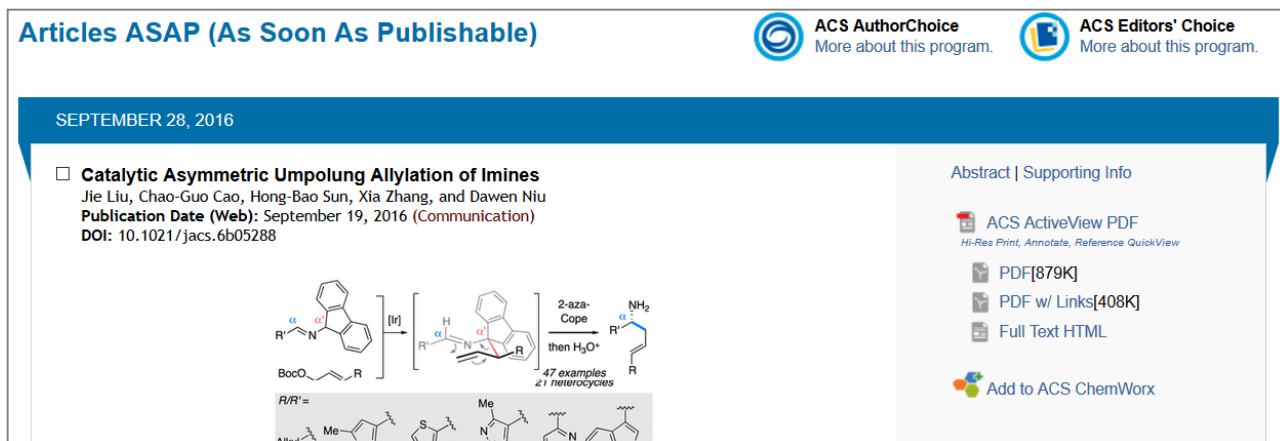


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- List of Issues
- Just Accepted Manuscripts
- Most Read Articles
- Author Index
- Cover Art Gallery
- Virtual Issues

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>> **Articles ASAP:** 最新文章檢索稱為 Articles ASAP (包括還未正式發行出版的文章)，ACS Web Edition 的使用者可以在 24 到 48 小時最快的時間內查閱到被作者授權發佈的文章。



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SEPTEMBER 28, 2016

☐ **Catalytic Asymmetric Umpolung Allylation of Imines**
Jie Liu, Chao-Guo Cao, Hong-Bao Sun, Xia Zhang, and Dawen Niu
Publication Date (Web): September 19, 2016 (Communication)
DOI: 10.1021/jacs.6b05288

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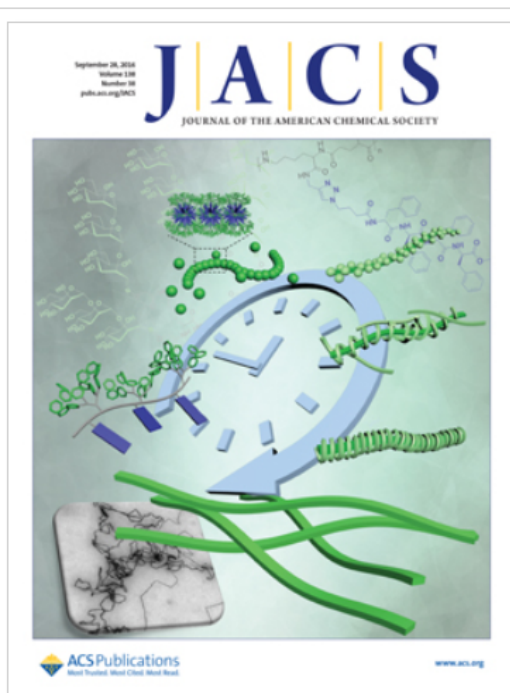
Chemical reaction scheme showing the catalytic asymmetric umpolung allylation of imines, involving an Ir catalyst and a 2-aza-Cope rearrangement, yielding 47 examples and 21 heterocycles.



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>> Current Issues:

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September 28, 2016

Volume 138, Issue 38

Pages 12303-12690

About the Cover:

A time dependent hierarchical self-assembly process from micelle to nanowire is observed in alternating amphiphilic glycopolymer brushes. Various morphologies, including nanowires, nanoribbon, and compound micelles, are achieved mainly depending on the structures of the pendant groups.

[View the article.](#)

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全文頁面介紹:

pubs.acs.org/doi/abs/10.1021/jacs.6b06859

Photocatalytic Metal–Organic Frameworks for Selective 2,2-Trifluoroethylation of Styrenes

Xiao Yu[†] and Seth M. Cohen^{*†}
[†] Department of Nanoengineering, University of California, San Diego, La Jolla, California 92093, United States
[‡] Department of Chemistry and Biochemistry, University of California, San Diego, La Jolla, California 92093, United States
J. Am. Chem. Soc., 2016, 138 (38), pp 12320–12323
DOI: 10.1021/jacs.6b06859
Publication Date (Web): September 12, 2016
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^{*}scohen@ucsd.edu

Abstract

Synthesis of CF₃-containing compounds is of great interest because of their broad use in the pharmaceutical and agrochemical industries. Herein, selective 2,2-trifluoroethylation of styrenes was catalyzed by Zr(IV) or Ir(III) polypyridyl complexes. A MOF-based catalyst suppressed selectivity of the desired hydroxylated product.

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Yu, Xiao Search

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[Website] <http://www.igroup.com.tw> [Service email] service@igrouptaiwan.com

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