

ACS Publications 簡介 & 簡易操作說明

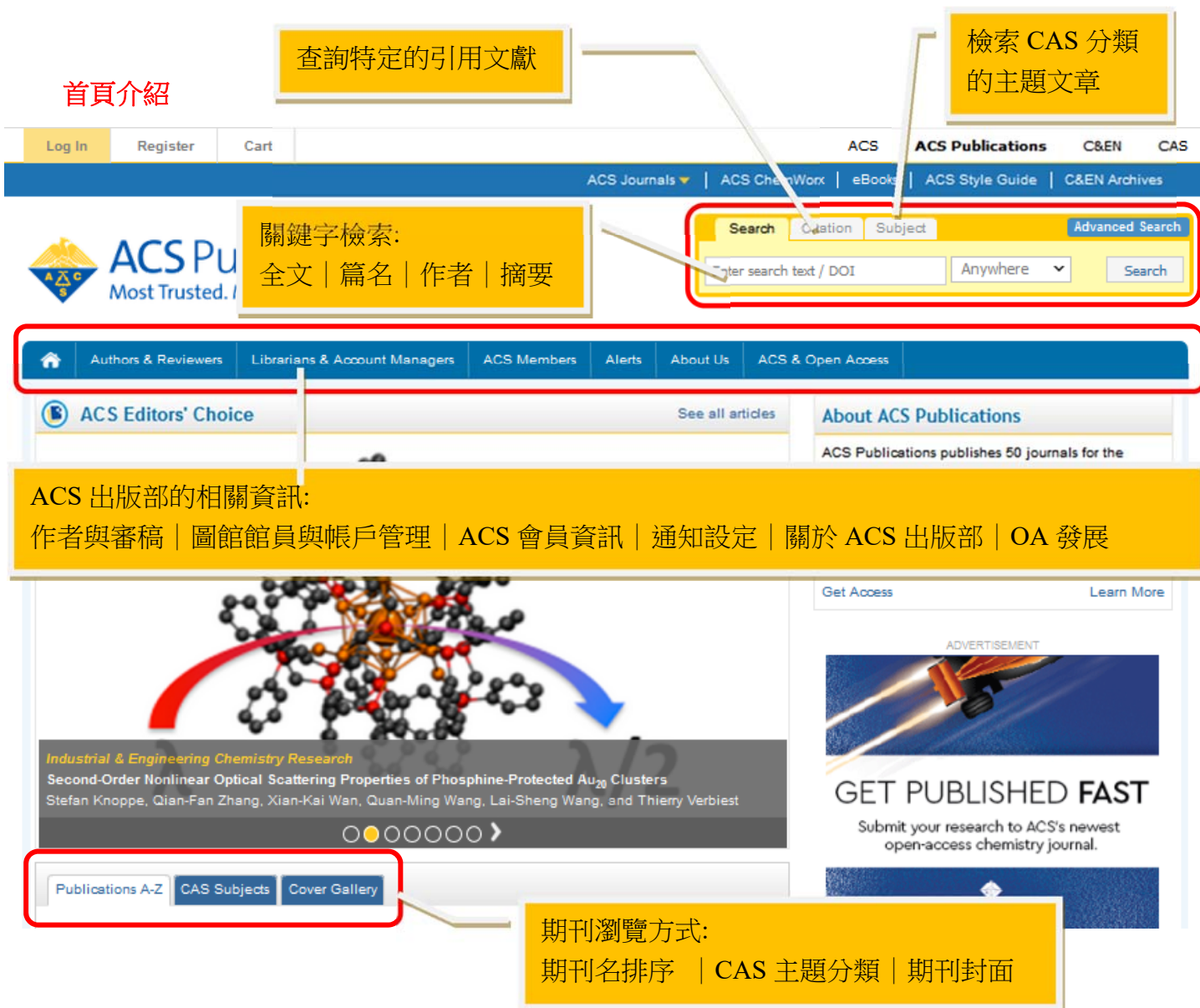
簡介

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。

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首頁介紹



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

- 查詢特定的引用文獻** (Query specific citation documents): Points to the search bar.
- 檢索 CAS 分類的主題文章** (Search for articles by CAS classification): Points to the 'Subject' search tab.
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- ACS 出版部的相關資訊:** (ACS Publishing Department related information): Points to the navigation bar.
- ACS 出版部** (ACS Publishing Department): Points to the 'ACS Publications' link in the top navigation bar.
- 期刊瀏覽方式:** (Journal browsing methods): Points to the 'Publications A-Z', 'CAS Subjects', and 'Cover Gallery' links at the bottom.

The website interface includes a top navigation bar with links for Log In, Register, Cart, ACS Publications, C&EN, and CAS. Below this is a secondary navigation bar with links for ACS Journals, ACS ChemWorx, eBooks, ACS Style Guide, and C&EN Archives. The main content area features a search bar with tabs for Search, Citation, Subject, and Advanced Search. A navigation bar below the search bar includes links for Authors & Reviewers, Librarians & Account Managers, ACS Members, Alerts, About Us, and ACS & Open Access. The main content area also includes a section for ACS Editors' Choice and a section for ACS Publications publishing 50 journals for the year.



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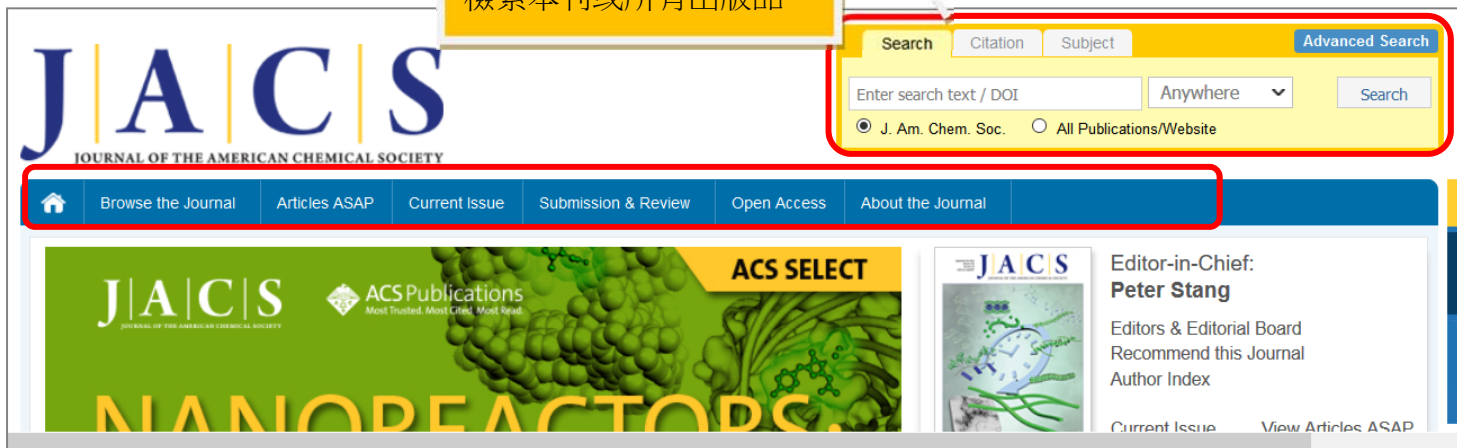
Search Tips 搜尋技巧

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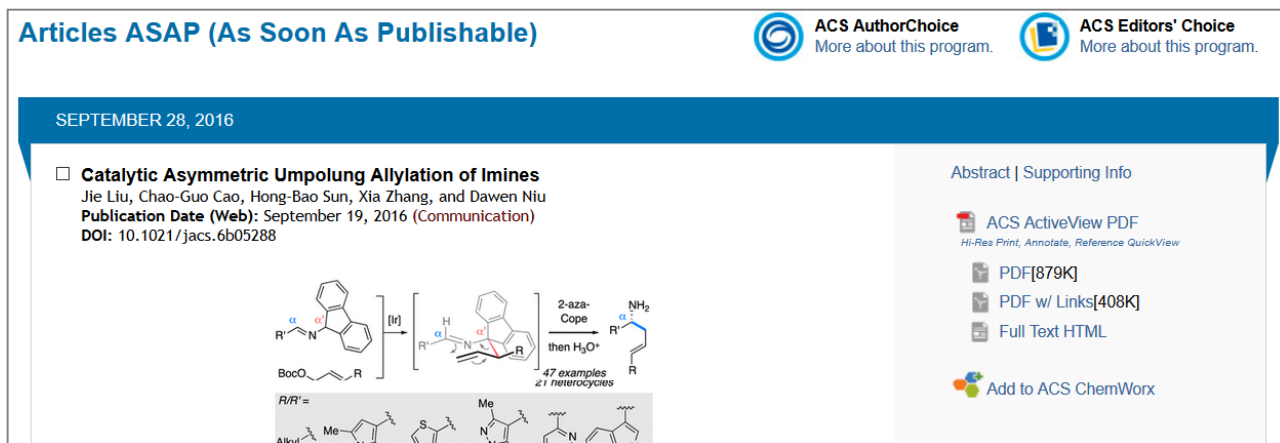


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SEPTEMBER 28, 2016

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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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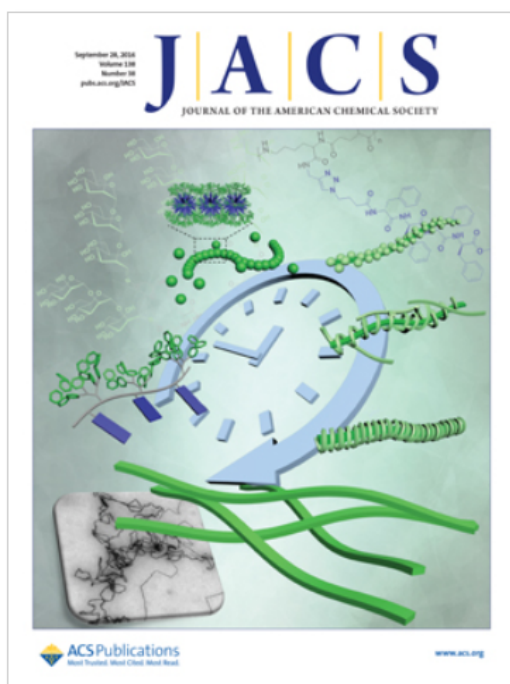




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Volume 138, Issue 38

Pages 12303-12690

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

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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

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J. Am. Chem. Soc., 2016, 138 (38), pp 12320–12323
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Publication Date (Web): September 12, 2016
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Abstract

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

Figure

Figure showing the photocatalytic 2,2-trifluoroethylation of styrenes catalyzed by Zr(IV) of Ir(III) polypyridyl complexes. The figure displays a chemical structure of a MOF-based catalyst and a reaction scheme showing the conversion of styrene to a trifluoroethylated product.

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