

美國化學學會
American Chemistry Society



大綱

- 學會及其出版物介紹
- 平台的使用

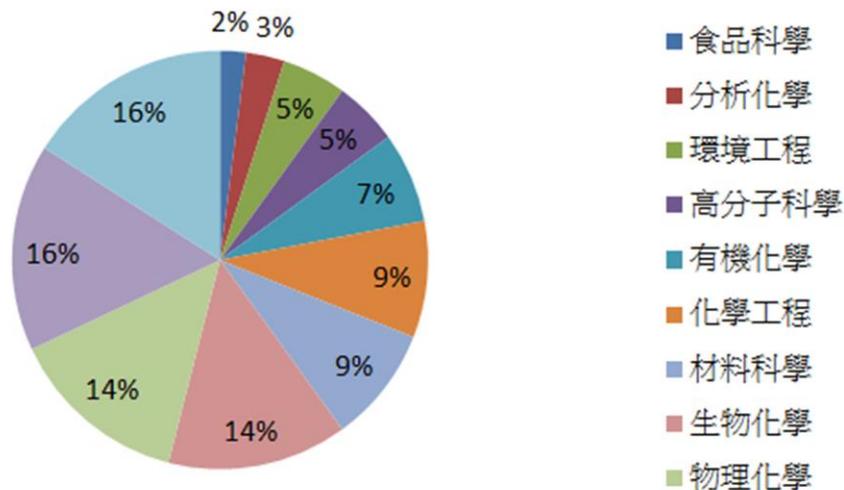
美國化學學會 (American Chemical Society) 簡稱ACS，成立於1876年，擁有超過16萬全球會員，是世界上最大的非營利科技學會之一，一直以來恪守促進科學發展的最高宗旨，其威權性和影響力受到全球化學、化工材料、生技界人士認可和推崇。

ACS: Chemistry for Life ; More than Chemistry

ACS 期刊概述

ACS Publications的有機化學、醫藥化學、材料科學、物理化學和跨學科化學類期刊的被引用量佔學科總引用量的30%

ACS期刊的學科分布

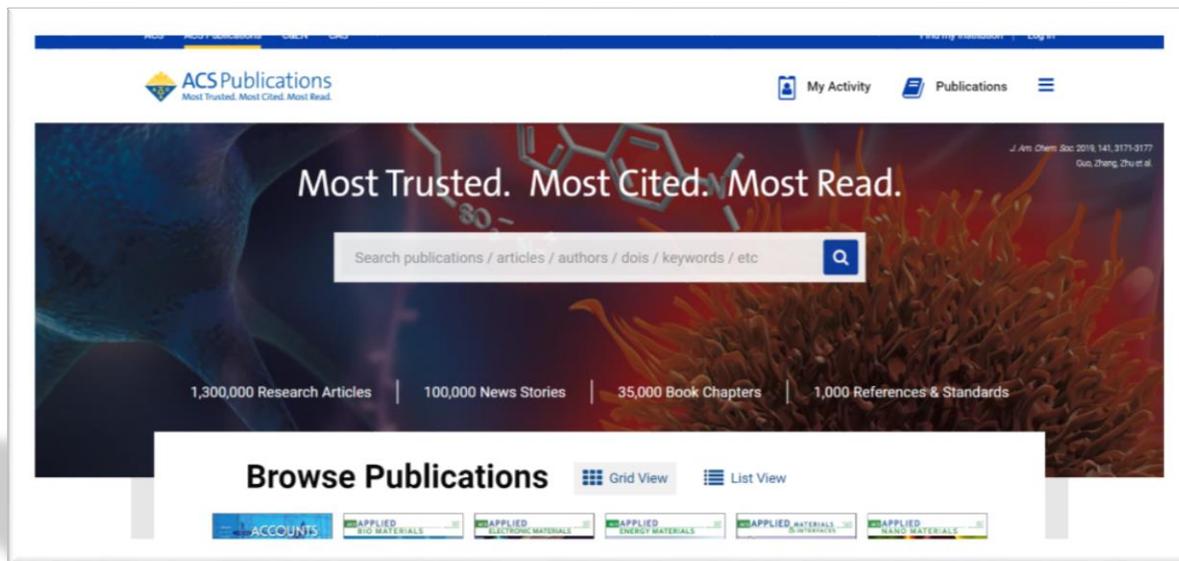


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J. Am. Chem. Soc. 2019, 141, 3171-3177
Guo, Zhang, Zhu et al.

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Search publications / articles / authors / dois / keywords / etc

1,300,000 Research Articles | 100,000 News Stories | 35,000 Book Chapters | 1,000 References & Standards

Browse Publications

Grid View List View

瀏覽全部期刊

ACCOUNTS APPLIED BIO MATERIALS APPLIED ELECTRONIC MATERIALS APPLIED ENERGY MATERIALS APPLIED MATERIALS & INTERFACES APPLIED NANO MATERIALS



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Professor Teri Odom, Executive Editor of ACS Photonics, Northwestern ...

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Ambient PM_{2.5} Reduces Global and Regional Life Expectancy

Joshua S. Apte*, Michael Brauer, Aaron J. Cohen, Mostafa Ezzamel, and G. Carter Pope

Cite This: *Environ. Sci. Technol. Lett.* 2018, 5, 9, 546-551
Publication Date: August 22, 2018
<https://doi.org/10.1021/acs.estlett.8b00360>
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Browse Publications [Grid View] [List View]

Grid View: A grid of journal covers including ACCOUNTS, APPLIED BIO MATERIALS, APPLIED ELECTRONIC MATERIALS, APPLIED ENERGY MATERIALS, APPLIED MATERIALS & INTERFACES, APPLIED NANO MATERIALS, APPLIED POLYMER MATERIALS, ACS Biomaterials, ACS Catalysis, ACS Central Science, ACS Chemical Biology, ACS Chemical Neuroscience, ACS Combinatorial Science, ACS Earth and Space Chemistry, ACS Energy, ACS Macro Letters, and ACS Medical Chemistry Letters.

List View: A detailed view of the 'Browse Publications' page with the following sections:

- CONTENT TYPES**
 - All Types >
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 - ACS Applied Nano Materials
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 - ACS Omega**
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- Chemistry of Materials**
 - Crystal Growth & Design
- E**
 - Energy & Fuels
 - Environmental Science & Technology
 - Environmental Science & Technology Letters
- I**
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 - Industrial & Engineering Chemistry Chemical & Engineering Data Series
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Journals Volume Page

0 Research Articles | 100,000 News Stories | 35,000 Book Chap

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尋找特定期刊、年卷和頁碼

The image shows a search interface with a main search bar and a secondary search bar for citations. The main search bar has a dropdown menu with 'Journals', 'Volume', and 'Page' options. The secondary search bar is for 'OR SEARCH CITATIONS'. Below the search bars, there are statistics: '0 Research Articles', '100,000 News Stories', and '35,000 Book Chap'. Two callout boxes provide instructions: one for the main search bar and one for the citation search bar.

查詢結果限縮 進階檢索

NARROW RESULTS

CONTENT TYPE

- Book Chapter 159
- C&EN Article
- Journal Article

ARTICLE TYPE

PUBLICATION DATE

AUTHOR

PUBLICATION

Matsuda, Kenji 28
Jacquemin, Denis 21
MORE (20)

PUBLICATION

Journal of the American Chemical Society 385

限縮查詢結果：
文章類型、出版日期、作者與期刊

CONTENT TYPE

- Book Chapter 30
- C&EN Article 29
- Journal Article 1976

ARTICLE TYPE

- Research Article 1656
- Rapid Communication 248
- Review Article 64
- Chapter 29
- Brief Report 16

MORE (13)

PUBLICATION DATE

- Last Year 113
- Last 6 Months 67

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PUBLICATION

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Published in e.g. Journal of The American Chemical Society

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- All dates
- Last
- Custom range

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Editor-in-Chief: Peter Stang | Editors & Editorial Board

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Volume 141, Issue 25
June 26, 2019

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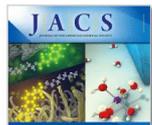
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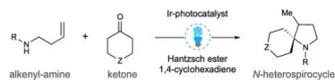
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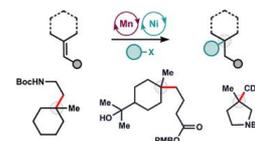
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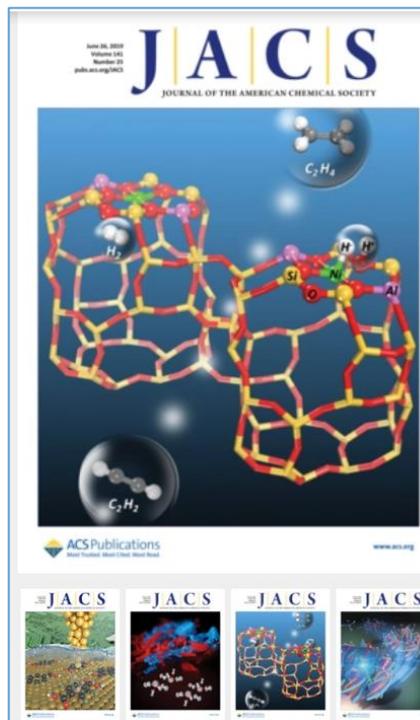


Hydroalkylation of Olefins To Form Quaternary Carbons

Samantha A. Green, ... and Ryan A. Shenvi*

April 29, 2019

About the Journal



June 26, 2019
< Volume 141, Issue 25 >
Pages 9747-10118

本期封面介紹

About the Cover:

Cationic nickel confined in a zeolite can efficiently catalyze the selective hydrogenation of acetylene to ethylene by utilizing the local electrostatic field within the zeolite for dihydrogen heterolytic activation and by linking heterogeneous and homogeneous catalysis.

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The screenshot shows the ACS Publications interface for the article "Disphenoidal Zero-Dimensional Lead, Tin, and Germanium Halides: Highly Emissive Singlet and Triplet Self-Trapped Excitons and X-ray Scintillation". The page includes the ACS logo, a search bar, and navigation links for "My Activity" and "Publications". The article title and authors (Viktoriia Morad, Yevhen Shynkarenko, Sergii Yakunin, Alexandra Brumberg, Richard D. Schaller, and Maksym V. Kovalenko*) are displayed. The journal information is "Journal of the American Chemical Society 2019, 141, 25, 9764-9768 (Communication)" with a publication date of June 17, 2019. Below the title, there are buttons for "ACS AuthorChoice", "Abstract", "Full text", and "PDF". A callout box points to the "Full text" button, stating "Full text : 線上閱讀全文" and "PDF : 下載檔案閱讀". Another callout box points to the "ACS AuthorChoice" button, listing benefits: starting in 2006, authors can retain the final manuscript without charge, authors can provide open access through reasonable fees, and ACS offers discounts to ACS All Pubs Collection subscribers and ACS members. A third callout box points to the article abstract, which discusses low-dimensional metal halides as optoelectronic materials and reports on isostructural halide complexes of Ge(II), Sn(II), and Pb(II) with a 1-butyl-1-methyl-piperidinium cation (Bmpip).

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Disphenoidal Zero-Dimensional Lead, Tin, and Germanium Halides: Highly Emissive Singlet and Triplet Self-Trapped Excitons and X-ray Scintillation

Viktoriia Morad, Yevhen Shynkarenko, Sergii Yakunin, Alexandra Brumberg, Richard D. Schaller, and Maksym V. Kovalenko*

Journal of the American Chemical Society 2019, 141, 25, 9764-9768 (Communication)
Publication Date (Web): June 17, 2019

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^ ABSTRACT

Low-dimensional metal halides have been researched as optoelectronic materials for the past two decades. Zero-dimensional halides of ns² elements (Sn, Pb, Sb) have recently gained attention as highly efficient broadband light emitters. These compounds comprise discrete metal halide centers, isolated by bulky organic cations. Herein, we report isostructural halide complexes of Ge(II), Sn(II), and Pb(II) with a 1-butyl-1-methyl-piperidinium cation (Bmpip), featuring unusual disphenoidal coordination with a highly stereoactive lone pair. Spectrally broad.

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Disphenoidal Zero-Dimensional Lead, Tin, and Germanium Halides: Highly Emissive Singlet and Triplet Self-Trapped Excitons and X-ray Scintillation

Viktoriia Morad, Yevhen Shynkarenko, Sergii Yakunin, Alexandra Brumberg, Richard D. Schaller and Maksym V. Kovalenko*

Cite This: *J. Am. Chem. Soc.* 2019, 141, 25, 9764-9768
Publication Date: June 17, 2019
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Abstract

Low-dimensional metal halides have been researched as optoelectronic materials for the past two decades. Zero-dimensional halides of pn^2

PLQY up to 75% NaI:Tl

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