

The American Chemical Society provides comprehensive collection of most cited peer-reviewed journals covering broad spectrum of scientific disciplines – chemical science, agricultural science, biotechnology, analytical chemistry, applied chemistry, biochemistry and molecular biology, chemical biology, chemical engineering, computer science, inorganic and nuclear chemistry, crystallography, energy and fuels, food science, medicinal chemistry, organic chemistry, pharmacology, physical chemistry, plant sciences, polymer sciences and toxicology. ACS Journal Archives facilitates searchable access to:

- 37 journals
- Over 130 years of original research in chemistry
- Over 750,000 articles
- Over 3 million plus pages of chemistry findings

Accessible to: 113 Univ.

Coverage: All volumes

Browse

To browse the journals follow the steps given below:

- Click on **Journals list A-Z** tab on the homepage of ACS.



- It displays list of journals organized in ascending order by default, if user wants to view the list of journals organized by subject click on **Subject Areas**
- Select journal name. For example: **Chemical Reviews**

ACS Journals | ACS ChemWorx | ACS Books | ACS Style Guide | C&EN Archives | Subscribe | Help

ACS Publications
MOST TRUSTED. MOST CITED. MOST READ.

Search Citation DOI Subject Search Advanced Search

Search text Anywhere Search

Subscriber access provided by INFLIBNET CENTRE

Publications A-Z Books C&EN Archives Authors & Reviewers Librarians ACS Members Video About Us e-Alerts Help

Publications A-Z

The American Chemical Society is the leading publisher of peer-reviewed research journals in the chemical and related sciences, serving scientific communities worldwide through an unparalleled commitment to quality, reliability, and innovation.

Publications A-Z
List View CCS Section

List of Articles in Alphabetical Order

Other Publications

ACS Books
ACS Symposium Series Home
Advances in Chemistry Home
The ACS Style Guide
ACS Division Proceedings
Reagent Chemicals
ACS Books Home

C&EN
C&EN Archives

Magazines
C&EN Online
ChemMatters
(Published by the ACS Education Division)

ADVERTISEMENT
More than 59 Million Reactions in SciFinder®
Info for Advertisers
Get Access to ACS Journals
Subscriptions for Individuals
Follow ACS
e-Alerts, RSS Feeds and more!
ADVERTISEMENT
Sync YOUR

- It displays the journal homepage, which contains list of current issues. For example: screenshot given below, a user can browse current issues of Chemical Reviews
- The user can view articles categories under following headings like:
 1. ASAP Articles (As Soon As Publishable Articles)
 2. Previous Issues
 3. Next Issues
- It facilitates **Supporting information**, which is published for many articles appearing in ACS journals, providing details that are too voluminous to be printed in the journals themselves.
- Click at **Author Index** to browse content by author

ACS Publications
MOST TRUSTED. MOST CITED. MOST READ.

ACS Journals | ACS ChemWorx | ACS Books | ACS Style Guide | C&EN Archives | Subscribe | Help

CHEMICAL REVIEWS

Search Citation DOI Subject Search Advanced Search

Search text: Anywhere Search

Chem. Rev. All Publications/Website

Subscriber access provided by INFIBNET CENTRE

Browse the Journal | Articles ASAP | Current Issue | Submission & Review | Subscribe | About

2012 Impact Factor

Editor: Josef Michl

Editors

About the Journal

This Journal

Sample Issues

Info for Advertisers

Browse By Issue

Select Decade

Select Volume

Select Issue

List of Issues GO

Articles ASAP | Current Issue | Most Read

RSS feed

C&EN Latest News

Now showing 1-5 View All

Articles ASAP (As Soon As Publishable)

ASAP articles are edited and published online ahead of print.

View Abstracts Add to ACS ChemWorx Download Citations

Development of Computational Methodologies for Metal-Organic Frameworks and Their Application in Gas Separations

Qingyuan Yang, Dahuan Liu, Chongli Zhong, and Jian-Rong Li

Articles ASAP (As Soon As Publishable)

Publication Date (Web): July 5, 2013 (Review)

DOI: 10.1021/cr400005f

First Page

ACS ActiveView PDF

PDF [15196K]

PDF w/ Links [2109K]

Full Text HTML

Add to ACS ChemWorx

Onyx Rejects Amgen Offer July 04, 2013

Bacterial Disguise Ripped Away July 04, 2013

Micromachine Writes Calligraphy With Atoms July 03, 2013

More Latest News >

Publishing 101

Neutralize the research

Access your research from anywhere.

Add articles to ACS ChemWorx to access your ACS ActiveView PDF annotations from multiple devices.

- The user can select back volumes of journals by selecting i) decade; ii) volume and iii) issue number
- Click on **HTML/PDF** to access the full text articles
- Articles in HTML can be printed in **Printer-friendly version**
- Click at **HTML/PDF** to view full-text articles in HTML or PDF format

http://pubs.acs.org/cgi-bin/article.cgi?chreay/1998/98/i05/pdf/cr980027p.pdf - Microsoft Internet Explorer

File Edit Go To Favorites Help

Address Google [C] Settings

1 / 2 102%

CHEMICAL REVIEWS

Volume 98, Number 5 July/August 1998

Cyclodextrins: Introduction

Cyclodextrins are seductive molecules, appealing to investigators in both pure research and applied technologies. They are most unusual in that they transcend traditional barriers separating many sub-disciplines of the chemical sciences. Biological chemists, physical chemists, and synthetic chemists all work shoulder to shoulder in their pursuits of the creation, analyses, and uses of these captivating molecules, and they do so while admitting that their common interests are held together only by a very thin thread of circularly linked sugar monomers. Why is this so? What is so significant about these cyclic oligomers that they have drawn together such a diverse set of people for such a long time? This special issue of *Chemical Reviews* that focuses on both the scientific and technological aspects of cyclodextrins, the main emphasis of this issue, would be best served by allowing this freedom rather than insisting on strict adherence to a set of nomenclature rules.

A lengthy introduction for this special issue by the guest editors might have been warranted because of the enormous size that the field of cyclodextrin research has attained. This role has however been taken over by the authoritative overview written by József Szejtli, a leading figure in many aspects of cyclodextrins, and one who may legitimately be called a "godfather" of cyclodextrins. This is a definitive and sometimes cutting assessment of how far the field has come and the direction in which it is going. A chapter by Hans-Jörg Schneider and his collaborators focuses on the various uses of NMR spectroscopy for understanding the structural, dynamical

Done 12 of 24 - Clipboard Item collected.

Search

The search interface of ACS facilitates following four types of searches.

Basic Search

Enter keyword(s) in the first text entry box. Select search field from drop-down menu and Click on **Search** button. For example: To search a string **Nucleic Acid** in the title of article, enter **Nucleic Acid** in the first text entry box and select **Title or Abstract** from drop-down box as shown below:

Enter Search Term

Select Search Criteria

Citation Search

The user can either specify citation of articles, which he/she wants to search or enter DOI (Digital Object Identifier). To specify citation, select journal name from drop-down menu, enter volume number and first page number as shown below:

Search Citation DOI Subject Search Advanced Search

Chem. Rev.

Volume: 3 Page: 1 | Go

DOI Search

Enter DOI Number and Click on Go to execute the search.

Search Citation DOI Subject Search Advanced Search

Digital Object Identifier (DOI)

10.1021/cr60009a001 | Go

Advanced Search

- Select appropriate option from drop-down menu related to search terms
- Enter search term(s) in the first text entry box
- Select Boolean operator
- Select next search field from the next drop-down menu for more targeted search
- Enter search term in next text entry box
- Click on **Search** button

The screenshot shows a search form titled "Your Search" with a "Search Criteria" tab. It contains several text input fields: "Anywhere in Content / Website:", "Title:" (with "Nucleic Acid" entered), "Author:" (with "HArleen Kaur" entered), "Abstract:", and "Figure/Table Captions:". There is a checkbox for "Enable stemming (include root terms)" and a "SEARCH" button at the bottom right.

Specify Journal

The user can search across all the journals or select specific journal(s)

Tip: To select multiple journals not adjoining, hold alt + click (PC). To select multiple journals grouped together, hold shift + click (PC). To deselect an item, repeat these commands while clicking the item.

The screenshot shows a "Content Type" form. It has two sections: "Search within sources:" with a "Modify Selection" button and a list item "» All Journals, Books and C&EN Archives"; and "Search within section:" with a "Modify Selection" button and a list item "» Search All sections".

Time Frame/Date Range

The user can enter date range (enter month and year) to limit the search. A user can also select timeframe option to limit the search. Timeframe contains following four options:

- **ASAP Articles:** Articles published on the Web prior to appearing in print. This is the most recently published research;
- **Current:** Articles published during the years 1996-2006;
- **Legacy Archives:** Articles published before 1996, back to 1879;
- **All:** Most inclusive search option.

The screenshot shows a "Date Range" form. It has two radio buttons: "Web Pub. Date" (selected) and "Print Pub. Date". Below are "From:" and "To:" labels, each followed by "Month" and "Year" dropdown menus. At the bottom, there is a checkbox for "Search only Articles ASAP and Just Accepted Manuscripts".

It displays search result of a previous query.

The screenshot displays the ACS Publications website interface. At the top, there is a navigation bar with links for ACS Journals, ACS ChemWorx, ACS Books, ACS Style Guide, CBEI Archives, and Subscribe. Below this is the ACS Publications logo and a search bar with options for Citation, DOI, Subject Search, and Advanced Search. The main content area shows search results for 'Nucleic Acid' by 'harleen kaur'. On the left, there is a 'Your Search' section with filters applied: Title: Nucleic Acid, Author: harleen kaur. Below this is a 'Section' filter with options like Enzymes (1) and General Biochemistry (4). A 'Publication' filter lists journals like J. Phys. Chem. B and C. An 'Author' filter lists names like Arora, Amit and Wengel, Jesper. On the right, a search result for 'Locked onto the Target': Increasing the Efficiency of Antagonizymes Using Locked Nucleic Acid Modifications is shown. This result includes the authors Vinod Scarla and Souvik Maiti, the journal information (2010, 49 (44), pp 9449-9456), and a 'Full Text HTML' link. Three callout boxes are overlaid on the image: 'Download Citations' points to the 'Download Citations' button; 'Access Full-text Articles' points to the 'ACS ActiveView PDF' download options; and 'Refine Search Results' points to the 'Filters Applied' section.

Alerting Services

ACS publications offers the following two free and easy-to-use services designed to alert users as soon as new ACS web edition content is published on-line.

ASAP Alerts

As Soon As Publishable alerts service is designed for the users, who wants to get an e-mail alert, when an article is published on-line. A user receives an e-mail, which contains information about the title, author, journal name, web publication date and direct link to the full text article.

TOC Alerts

Table of Content Alerts service is designed for the users who prefer to know complete information about the entire issue at once. A user receives an e-mail which contains the title, journal name and actual page number with a direct URL link to the full text article on the web.

To avail ASAP and TOC alerts services, users have to register by submitting an on-line registration form.

ACS Publications
MOST TRUSTED. MOST CITED. MOST READ.

Search Citation DOI Subject Search Advanced Search

Subscriber access provided by INFILIBNET CENTRE

Follow ACS

Facebook Twitter e-Alerts RSS Feeds Communities YouTube

e-Alerts

ASAPSM Alerts
Daily or weekly email alerts when individual articles (Articles ASAPSM) from the journal(s) you have selected are released on the web.

Table of Contents (TOC) Alerts
Email alerts with the Table of Contents for specific issues on the day the complete issue is posted to the web.

LOG IN Log in to sign up for Journal Email Alerts or modify your existing alerts. You can also view and modify the Citation Alerts that you are currently receiving.

Email Alerts ASAP and TOC

To set up Email Alert, You have to Log-in Here

RSS Feeds

RSS facilitates a user to stay up to date with websites that provides RSS feeds for their content. The user need not to visit each website for collecting all the information. RSS reader collects all information from RSS feeds. It allows subscribers to browse informative contents.

Subscribe to this feed using

Always use Live Bookmarks to subscribe to feeds.

Latest Articles (ACS Publications)

Keyword search result for -- New results matching your keyword search query (updated daily).

"Locked onto the Target": Increasing the Efficiency of Antagomirzymes Using Locked Nucleic Acid Modifications
Wednesday, October 13, 2010 9:30 AM

Biochemistry, Volume 49, Issue 44, Page 9449-9456, November 9, 2010.

Effects for the Incorporation of Five-atom Thioacetamido Nucleic Acid (TANA) Backbone on Hybridization Thermodynamics and Kinetics of DNA Duplexes
Thursday, February 26, 2009 1:37 PM

The Journal of Physical Chemistry B, Volume 113, Issue 9, Page 2944-2951, March 5, 2009.