

Quick Reference Guide

www.sciencedirect.com


ScienceDirect is Elsevier's peer-reviewed, full-text database of nearly 26,000 book titles and more than 2,200 journal titles. In addition to sophisticated search and retrieval tools, ScienceDirect includes content integrated from a variety of external sources in the form of audio, video, and datasets.

Searching

With ScienceDirect, you can start your search using the search bar at the top of the page, or use the *Advanced Search* form for specific searches.

1

Quick Search

Enter search terms in the appropriate fields and click the search icon. 

2

Advanced Search

Go to the Advanced search form to search specific items or access your search history.

3

Search across all sources; or specifically for journals, books, reference works, or images.

4

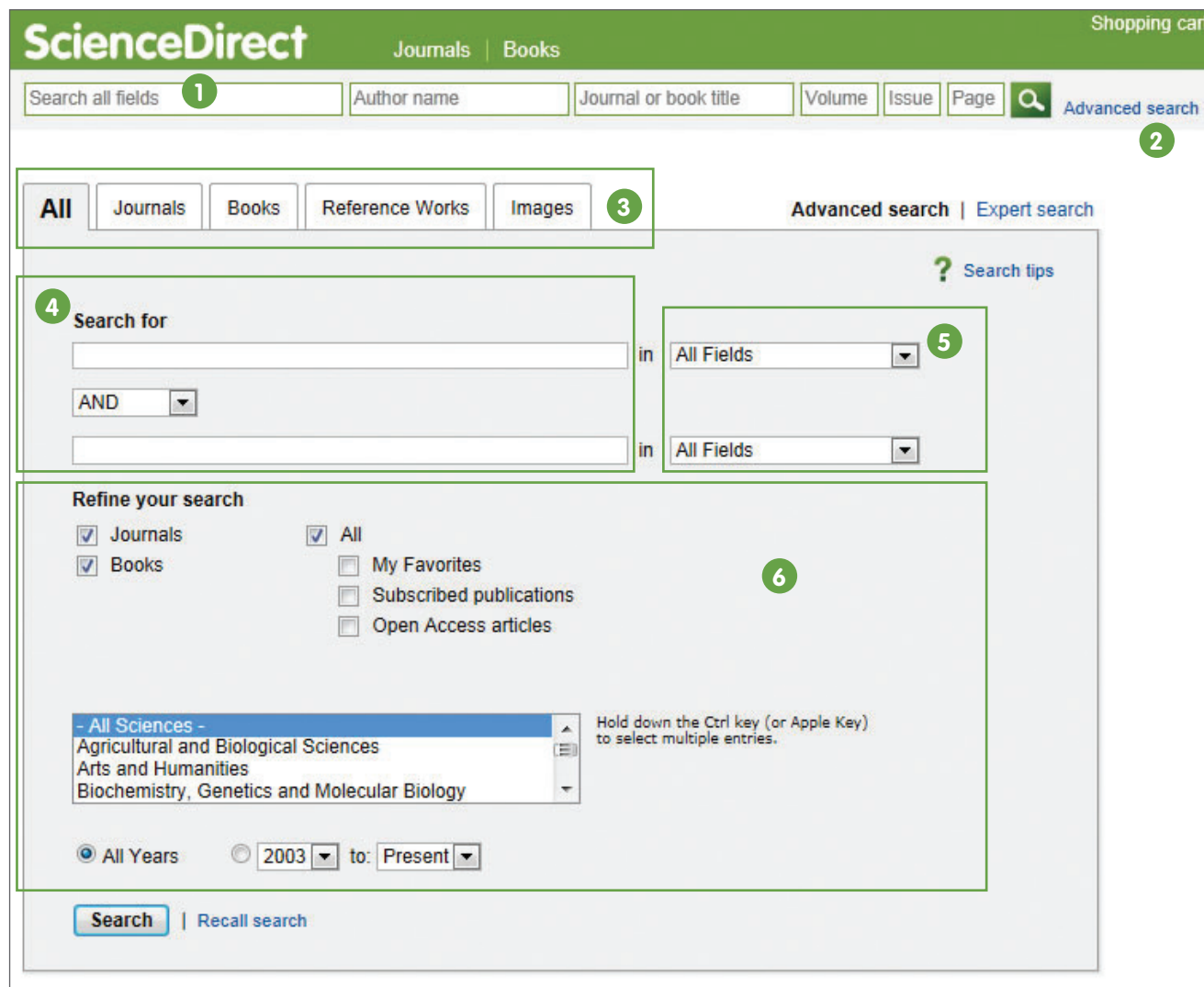
Enter search terms in the space(s) provided; using Boolean operators to combine search terms.

5

Select which fields you wish to search (article title, affiliation name, source title, etc.)

6

Refine your search to, journals, books, open access articles, subject area, and/or years.



The screenshot shows the ScienceDirect Advanced Search interface. At the top, there's a green header with the ScienceDirect logo, navigation links for Journals and Books, and a Shopping cart icon. Below the header is a search bar with a 'Search all fields' button (callout 1) and a search icon (callout 2). To the right of the search bar are input fields for Author name, Journal or book title, Volume, Issue, and Page. Below the search bar is a row of buttons for 'All', 'Journals', 'Books', 'Reference Works', and 'Images' (callout 3). The main search area is divided into two sections. The top section is for 'Search for' (callout 4), with two input fields and a dropdown menu for 'AND' (callout 5). The bottom section is for 'Refine your search' (callout 6), which includes checkboxes for 'Journals', 'Books', 'All', 'My Favorites', 'Subscribed publications', and 'Open Access articles'. Below these is a dropdown menu for subject areas, currently showing '- All Sciences -', 'Agricultural and Biological Sciences', 'Arts and Humanities', and 'Biochemistry, Genetics and Molecular Biology'. At the bottom, there are radio buttons for 'All Years' and a date range selector for '2003' to 'Present'. A 'Search' button and a 'Recall search' link are at the bottom right.

Using Your Search Results

1

About your Search Results

Displays the number of search results and the search criteria used.

2

Set a Search Alert

Notifies you by email (*Save as search alert*) or RSS (*RSS Feed*) when a new article matching your search criteria becomes available (requires Sign in).

3

Sort Options

By default, search results are listed by relevance. You can change this to list by date.

4

Export Citation Information

Export citation information for the selected article(s) directly to Mendeley or RefWorks, or into a preferred format.




5

Download multiple PDFs

Download full-text PDFs of selected articles all at once and automatically assign them names based on specified rules.

6

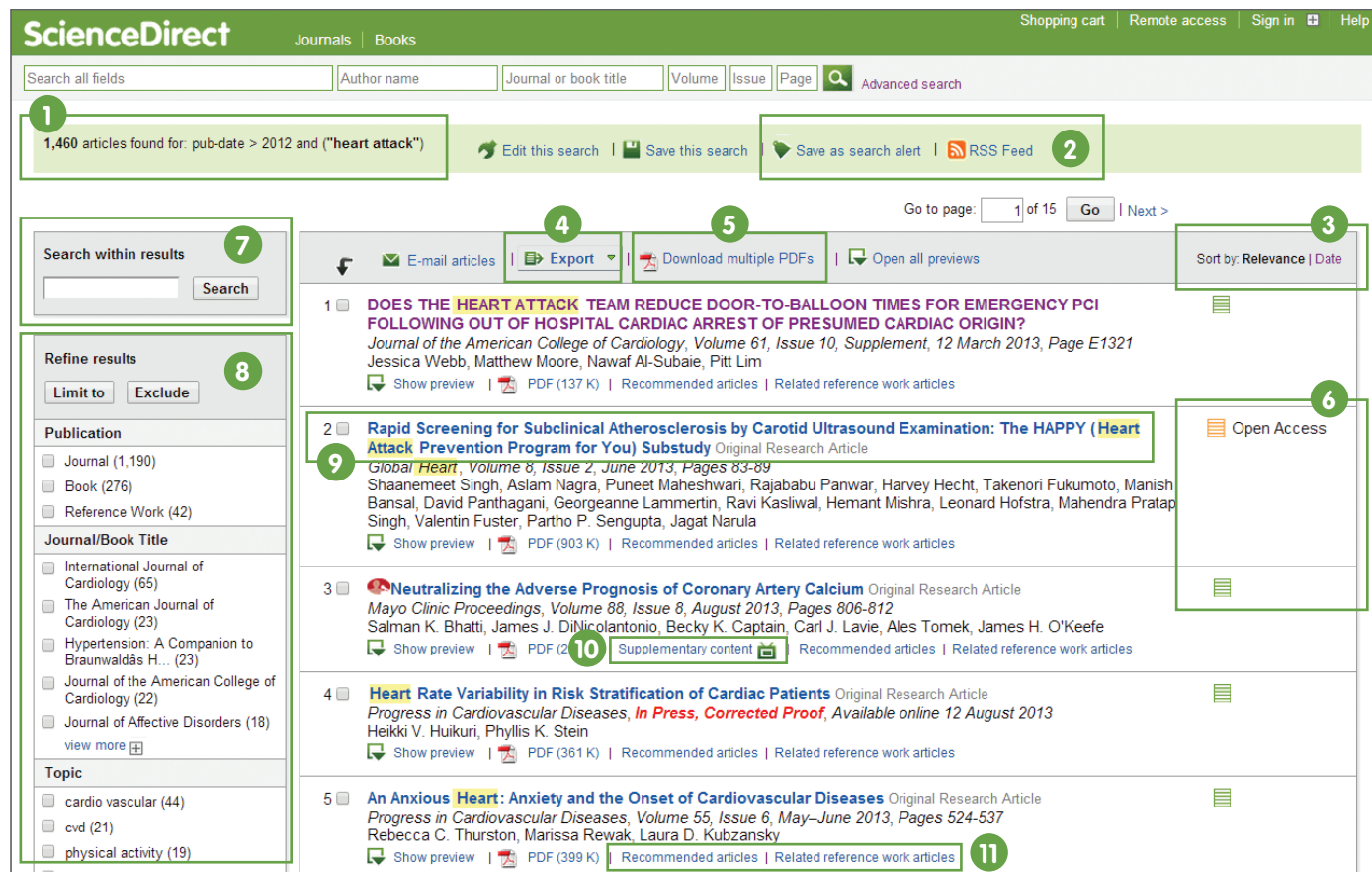
Access Rights

View whether the results are available for your institution in full-text (subscribed ) or open access () or abstract only (non-subscribed with purchase options for full-text )

7

Search within results

Enter additional terms to your search.



The screenshot shows the ScienceDirect search results interface. At the top, there's a navigation bar with 'Journals | Books' and links for 'Shopping cart', 'Remote access', 'Sign in', and 'Help'. Below this is a search bar with 'Search all fields' and filters for 'Author name', 'Journal or book title', 'Volume', 'Issue', and 'Page'. A search button and a link to 'Advanced search' are also present. The main results area shows '1,460 articles found for: pub-date > 2012 and ("heart attack")'. Below this, there are links to 'Edit this search', 'Save this search', 'Save as search alert', and 'RSS Feed'. The results are sorted by 'Relevance | Date'. On the left, there's a 'Search within results' box and a 'Refine results' section with filters for 'Publication' (Journal, Book, Reference Work), 'Journal/Book Title', and 'Topic'. The main list of results includes article titles, journal information, and links to 'Show preview', 'PDF', 'Recommended articles', and 'Related reference work articles'. On the right, there's an 'Open Access' button.

8

Refine results

Limit (*Limit to*) or exclude (*Exclude*) by specific source types (*Publications*), source title (*Journal/Book Title*), Topic, or publication year (*Year*).

9

Display Article Content

Click the article title to display the article content (HTML full text or abstract).

10

Supplementary content

Access content such as underlying datasets and author provided videos.

11

Discover more relevant articles

Find *recommended articles* based on similar subject matter and what others who read the article went on to read, or link to *related reference work articles*.

Searching Tips

It may be helpful to know how ScienceDirect's search engine works.

- Search terms are not case-sensitive, so it does not matter if you use lowercase or uppercase letters.
- Entering singular nouns will also search for plural nouns and possessives (with some exceptions).
- Entering search terms using either US or UK spellings will search for both (with some exceptions).
- Multiple words set off by spaces will search for documents or images with both words.
- You can use either quote marks or "curly brackets" to search for a phrase, but the results will differ in these ways:
 - Searches in quote marks (such as "heart-attack") will be "fuzzy searches" – the search engine will search for plural and singular nouns, US and UK spellings, ignore symbols and punctuation, and allow wildcards.
 - Searches in curly brackets (such as {heart-attack}) will be exact searches. The search engine will look only for that exact phrase, including symbols or punctuation.

Wildcards

- * can replace any number of characters
*toxi** will search for *toxin*, *toxic*, *toxicity* and *toxicology*
- ? replaces only one character
toxi? will search for *toxin* or *toxic* but not *toxicity* or *toxicology*

Logical operators and proximity operators

- *And* searches for articles containing both words
- *OR* searches for articles containing one or both words
- *And Not* searches for articles that do not contain the word that follows
- *W/n* restricts the search to a maximum number (n) of words between the two words. Word order is not set. Example: *Pain w/5 morphine* finds documents where *pain* appears within 5 words or less of *morphine*.
- *PRE/n* restricts the search to a maximum number (no) of words between the two words. Word order is set. The first word must precede the second word by the specified number of words or less. Example: *Newborn PRE/3 screening* finds documents where *Newborn* appears 3 words or less before *screening*. You can use more than one connector/proximity operator in a search if you use parentheses to separate the logic, e.g. (heart w/2 attack) OR coronary.

Finding Publications

Use the Publications page to find specific journal and book titles.

The screenshot shows the ScienceDirect website interface. At the top, the ScienceDirect logo is on the left, and navigation links for 'Journals' and 'Books' are in the center, with a '1' callout. On the right, links for 'Shopping cart', 'Remote access', 'John User', and 'Help' are visible. Below the header is a search bar with fields for 'Search all fields', 'Author name', 'Journal or book title', 'Volume', 'Issue', and 'Page', followed by a magnifying glass icon and a link to 'Advanced search'. On the left side, there is a 'Filter by subject' section with a '2' callout, containing checkboxes for 'Physical Sciences and Engineering', 'Life Sciences', 'Health Sciences', and 'Social Sciences and Humanities', with an 'Apply' button. The main content area shows 'Publications : 3289 titles found'. Below this, there are three filter dropdowns: 'Titles starting with "A"' (callout 3), 'All journals' (callout 4), and 'All access types' (callout 5). The results are displayed in a table with three columns: the source title, the source type (all 'Journal'), and the access type. The titles listed are 'AASRI Procedia', 'Academic Pediatrics', 'Academic Radiology', 'ACC Current Journal Review', 'Accident Analysis & Prevention' (callout 6), and 'Accident and Emergency Nursing'. The access types are 'Open Access', 'Contains Open Access', and empty icons.

Source Title	Source Type	Access Type
AASRI Procedia	Journal	Open Access
Academic Pediatrics	Journal	Contains Open Access
Academic Radiology	Journal	Contains Open Access
ACC Current Journal Review	Journal	
Accident Analysis & Prevention	Journal	Contains Open Access
Accident and Emergency Nursing	Journal	

1 Open the publications list by selecting Journals or Books in the navigation bar.


2-5 You can filter the list by:
Subject area **2**
Alphabetical order **3**
Source type **4**
Access types **5**

6 Display the journal or book title page
Click on the source title to open the journal or book page.

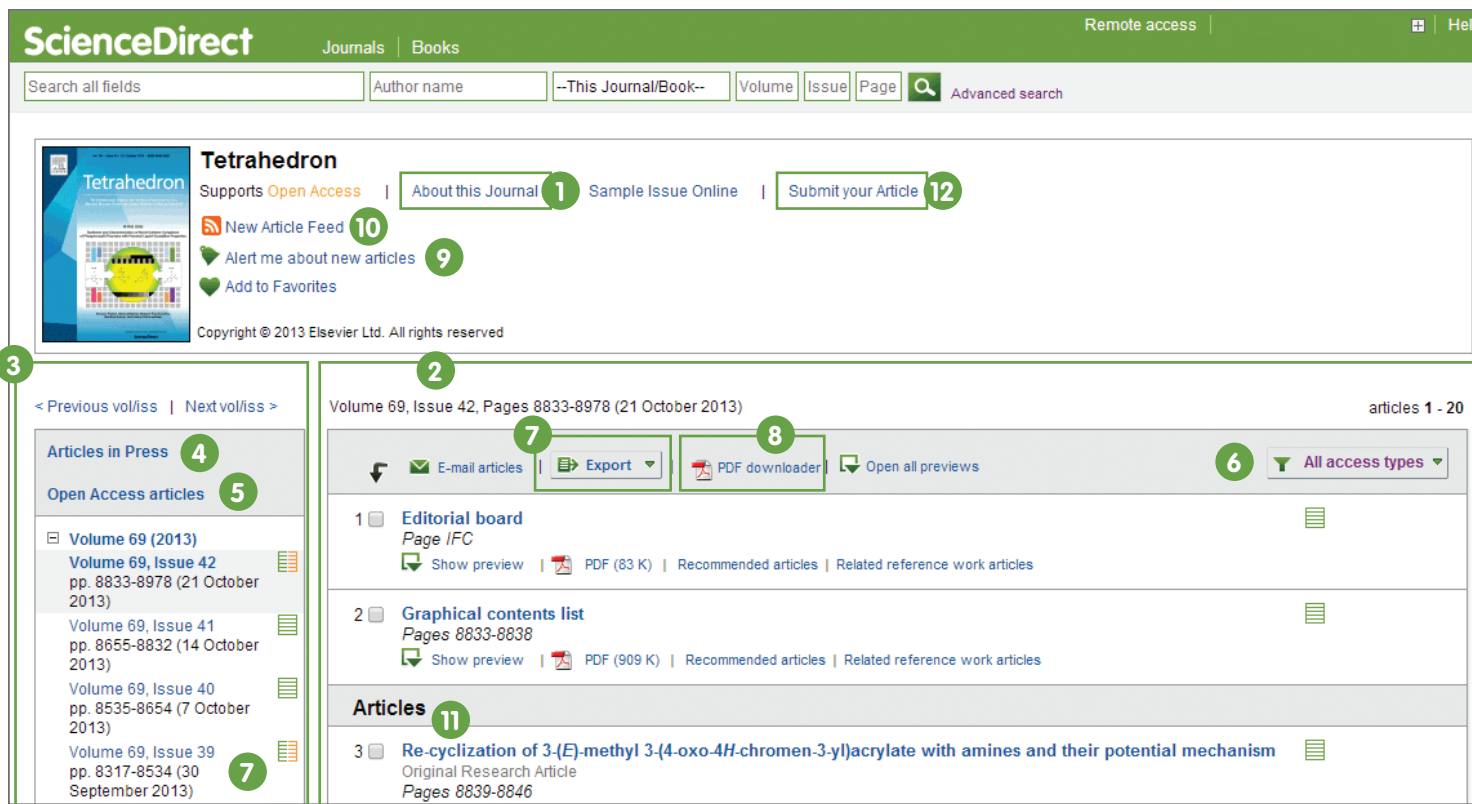
Journal Homepage

1 Journal Information
From *About this Journal*, you can view information about the title such as scope, editorial committee, impact factor, and more.

2 5 Volume List
By default, the table of contents for the latest issue is displayed; use the volume list **3** to see past issues. Selecting *Articles in Press* **4**, if available, lists articles that are published but pending issue placement. Selecting *Open Access articles* **5**, if available, lists open access articles published in the journal.

6 Access Rights
View whether the articles are available for your institution in full-text (includes free publications and open access publications ) or as abstract only (non-subscribed content with purchase options for full-text ).

7 Export Citation Information
Export citation information for the selected article(s) directly to Mendeley or RefWorks, or into a preferred file format.



The screenshot shows the ScienceDirect journal homepage for Tetrahedron. The header includes the ScienceDirect logo, navigation links for Journals and Books, and a search bar. The main content area features a journal cover, a sidebar with navigation links (About this Journal, Sample Issue Online, Submit your Article), and a list of articles. Numbered callouts identify key features: 1 (Journal Information), 2 (Volume/Issue Alert), 3 (Volume List), 4 (Articles in Press), 5 (Open Access articles), 6 (Access Rights), 7 (Export Citation Information), 8 (Download multiple PDFs), 9 (Alert me about new articles), 10 (New Article Feed), 11 (Display Article Page), and 12 (Online Submission).

8 Download multiple PDFs
Select articles and click on *PDF downloader* to save multiple articles all at once and automatically assign them names based on specific rules.

9 10 Volume/Issue Alert
You can be alerted by e-mail (*Alert me about new articles* **9**) or RSS (*New Article Feed* **10**) when the latest issue or articles for the journal become available (requires Sign in).

11 Display Article Page
Clicking on the article title (**11**) will display the article page (HTML full text or abstract).

12 Online Submission
From *Submit your Article* (**12**), you can link to the online submission system.

Book Homepage

1

Book Information

From *About this Book*, you can view additional information about the title such as audience, reviews, etc.

2

Book Description

Read the description to determine if the book is relevant to your interests.


3

Expanded table of contents

Browse through the contents of the book.

ScienceDirect
Journals | Books
Remote access | Help

Search all fields
Author name
--This Journal/Book--
Volume
Issue
Page
Advanced search



Achieving Market Integration

Best Execution, Fragmentation and the Free Flow of Capital
A volume in Securities Institute Global Capital Markets

About this Book

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ISBN: 978-0-7506-5745-7

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Table of Contents

Acknowledgements , Page xi	Show preview PDF (31 K) Recommended articles Related reference work articles
Preface , Pages xii-xiii	Show preview PDF (45 K) Recommended articles Related reference work articles
Foreword , Page xiv	Show preview PDF (37 K) Recommended articles Related reference work articles
1 - Introduction , Pages 1-3	Show preview PDF (49 K) Recommended articles Related reference work articles
Part I: Best execution	
2 - Is this regulation necessary? , Pages 7-13	Show preview PDF (74 K) Recommended articles Related reference work articles
3 - Fundamental issues , Pages 14-30	Show preview PDF (145 K) Recommended articles Related reference work articles
4 - Putting it together: Elements of a sound best execution policy , Pages 31-40	Show preview PDF (97 K) Recommended articles Related reference work articles
5 - Comparing approaches , Pages 41-65	Show preview PDF (200 K) Recommended articles Related reference work articles
6 - A legal approach , Pages 66-73	Show preview PDF (87 K) Recommended articles Related reference work articles

Book description

Best execution, market integration, and other major financial market issues have traditionally been dealt with as separate matters requiring individual solutions. In **Achieving Market Integration** the author demonstrates the interrelated nature of these and other imperative problems, and sensibly reduces them to their common fundamental principles. Beginning with an in-depth examination of best execution in today's multiple-market environment, the book moves logically into an examination of market structure and the problems of achieving genuine integration. The book makes the case that order interaction is fundamental to addressing each of these issues, and develops a unified regulatory approach to achieve true market integration based on intermarket linkages and a cross-market best execution policy. This unique approach culminates in a coherent set of policy recommendations and an innovative framework for assessing the effectiveness of future policy proposals.

*The first book on this important subject for the finance community
*Explains the aims and proposes solutions to the difficulties of establishing a stock market that integrates the diverse national exchanges around Europe

Reading

1-2

Reading an article

Scroll through the main body of the article **1**, or use the *Article outline* **2** to navigate to specific sections and quickly access figures, tables, and/or supplementary material.

3-5

Discover more

Find *Recommended articles* **3**, *Citing articles* **4**, and *Related reference work articles* **5**.

6

Interact with innovative content

When applicable to a specific article, interact with tools such as a protein viewer, interactive maps, audio slides, and more.

7-9

Download the article

Use the *Download PDF* **7** button to save the PDF article, select your preferred reference manager or file format type to export the citation **8**, and download the article to your eReader by selecting the correct format under *More Options* **9**.

The screenshot displays the ScienceDirect interface for the article 'Evolutionary morphology of the hemolymph vascular system in scorpions: A character analysis' by B.-J. Klußmann-Fricke, L. Prendini, and C.S. Wirkner. The page is annotated with numbered circles 1 through 9, corresponding to the instructions in the adjacent text blocks.

- 1**: The main article text area, showing the title, authors, and abstract.
- 2**: The 'Article outline' sidebar on the left, listing sections like Abstract, Keywords, Introduction, Materials and methods, Results, Discussion, Acknowledgments, Appendix A, Supplementary data, and References.
- 3**: The 'Recommended articles' section on the right, featuring articles like 'Incorporating interactive three-dimensional gra...' and 'Comparative morphology of the hemolymph va...'.
- 4**: The 'Citing articles' section on the right, showing 'Evolutionary morphology of the hemolymph va...'.
- 5**: The 'Related reference work articles' section on the right.
- 6**: The 'Supplementary 3D models' section at the bottom right, which includes a 3D model of a scorpion's hemolymph vascular system and a 'Model hierarchy' tree.
- 7**: The 'Download PDF' button at the top of the article page.
- 8**: The 'Export' button, used for saving the citation.
- 9**: The 'More Options' button, used for selecting the correct format for downloading the article to an eReader.

The article abstract states: 'Phylogenetically informative characters from the internal anatomy of scorpions were first reported more than 150 years ago, but the subject received little attention after the mid-1920s. Recent investigations, using traditional dissection, illustration and histological sectioning, microscopy, and innovative new methods for investigating complex soft tissue anatomy identified a new wealth of variation. Additionally, these investigations confirmed the phylogenetic significance of previously identified structures. Building on earlier work we present a more detailed description of the hemolymph vascular system (HVS) in scorpions, based on comparison of the vascular structures of the heart and the branching pattern of the prosomal arteries among 45 exemplar species representing most of the major scorpion lineages. Using corrosion-casting, MicroCT in combination with computer-aided 3D-reconstruction, and scanning electron microscopy, we conceptualize a series of phylogenetically informative characters for the anterior aorta system and characters of the heart and associated structures (e.g. arrangement of the ostia) of scorpions. Furthermore, we optimize the possible evolution of these new characters on a previous hypothesis of scorpion phylogeny, and discuss alternative character state transformations, their evolutionary consequences, and possible underlying evolutionary mechanisms acting on the HVS.'

Personalization Features

1-6

Sign in

If you already have a user name and password, click *Sign in* 1 to enter them. If this is not a shared computer, you can check *Remember me* 2 and your sign in information will be stored. If you have forgotten your password, click *Forgotten your username and password?* 3 and enter the email address you used to register. Once signed in, you will be able to *manage your alerts* 4, *change your password* 5, and *update personal details & settings* 6 as needed.

7

Not Registered

To register as a new user, click *Register* and enter the required information.

The screenshot shows the ScienceDirect homepage with a login overlay. The overlay contains the following elements:

- Sign in using your ScienceDirect credentials**: A section with fields for Username and Password, a "Remember me" checkbox, and a "Sign in" button. Callout 1 points to the "Sign in" button, callout 2 to the "Remember me" checkbox, and callout 7 to the "Not Registered?" link.
- OpenAthens login**: A link for institutional login.
- Login via your institution**: A section with a link for "Other institution login".
- Remote access activation**: A link to "Click here to activate".
- Forgotten username or password?**: A link for password recovery, with callout 3 pointing to it.

The background shows the ScienceDirect logo, a search bar, and a list of subject categories like Physical Sciences and Engineering, Life Sciences, and Arts and Humanities.

The screenshot shows the "Remote access" dropdown menu for a logged-in user. The menu contains the following options:

- Activate remote access
- Change personal details & settings 6
- Manage my alerts 4
- Change password 5
- View electronic holdings reports
- Sign out

The background shows the "Remote access" tab selected in the top navigation bar.

Open Access

1

Find a list of open access journals



You can navigate to our list of open access journals from the ScienceDirect homepage by clicking the link "[Open Access Journal Directory](#)" or bookmarking <http://www.sciencedirect.com/science/browse/all/open-access>.

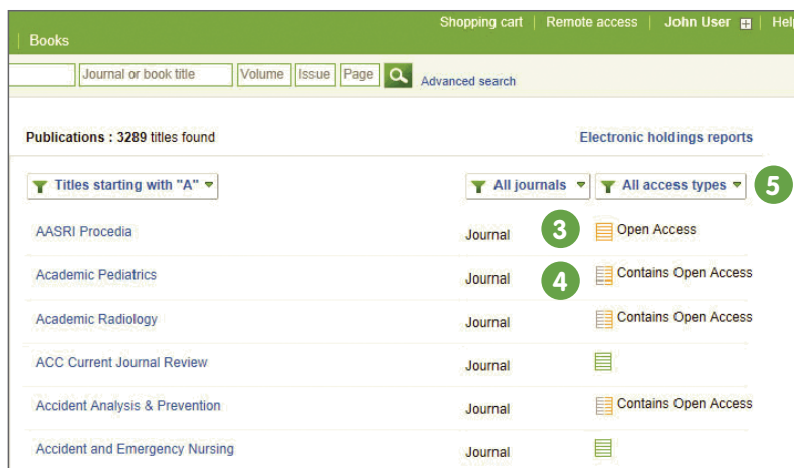
2

Find a list of all journals that have open access articles

In addition to our 56 open access journals, we give authors the option to publish open access articles in over 1,600 of our established journals. Find a list of these journals by going to the ScienceDirect homepage and clicking on "[View all publications with Open Access articles](#)", or bookmarking <http://www.sciencedirect.com/science/browse/all-open-access>.

3 5

Once you are in the publication list, you can limit your results to *open access journals*  **3**, or *journals that contain open access articles*  **4** by using the *access type* filter **5** and selecting the relevant checkboxes.



ScienceDirect

Journals | Books

Search all fields

Author name

Journal d

ScienceDirect

is a leading full-text scientific database offering journal articles and book chapters

Browse publications by subject

Physical Sciences and Engineering

Chemical Engineering

Chemistry

Computer Science

Earth and Planetary Sciences

Energy

Engineering

Materials Science

Mathematics

Physics and Astronomy

Life Sciences

Agricultural and Biological Sciences

Biochemistry, Genetics and
Molecular Biology

Environmental Science

Immunology and Microbiology

Neuroscience

Open Access

Articles published in our Open Access journals are made permanently free for everyone to access immediately upon publication.

1 View the Open Access journal directory


- View all publications with Open Access articles **2**

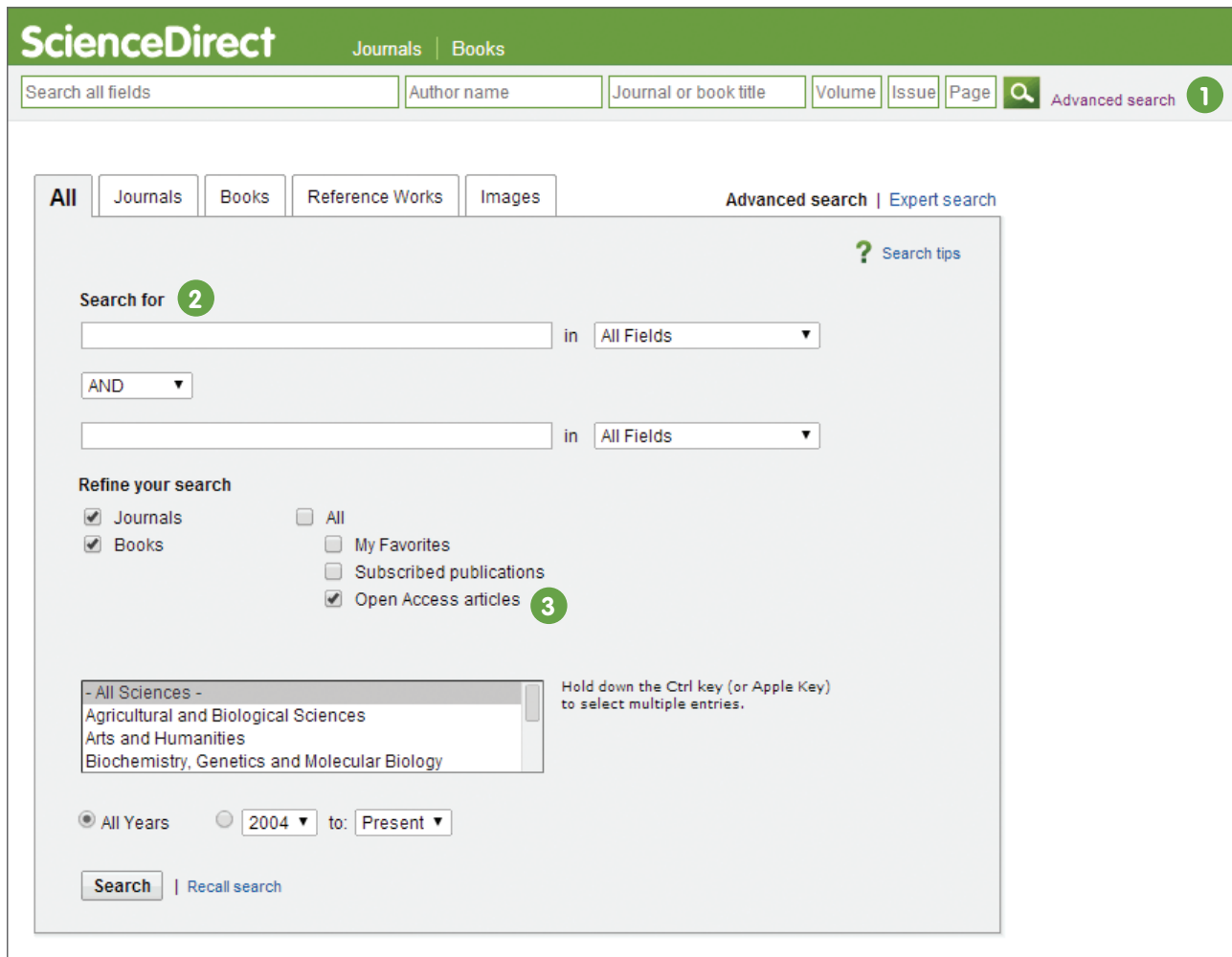
Find out more about Elsevier's Open Access publishing at www.elsevier.com/openaccess.

Open Access

1-3

Find a list of open access articles

The easiest way to find relevant open access articles is to search ScienceDirect and look for the Open Access icon  in your search results. If you would prefer to see a filtered list of only open access articles, you will need to use the *Advanced search form* **1**. Enter your search terms **2** and select the *Open Access articles* **3** checkbox in the *Refine your search* area.



The screenshot shows the ScienceDirect website interface. At the top, there's a green header with the ScienceDirect logo and navigation links for Journals and Books. Below the header, there's a search bar with the placeholder text "Search all fields" and a magnifying glass icon. To the right of the search bar, there are input fields for "Author name", "Journal or book title", "Volume", "Issue", and "Page". Further right, there's a link to "Advanced search" with a circled "1" next to it. Below the search bar, there are tabs for "All", "Journals", "Books", "Reference Works", and "Images". To the right of these tabs, there are links for "Advanced search" and "Expert search". Below the tabs, there's a "Search for" section with a text input field and a dropdown menu set to "All Fields". Below this, there's a dropdown menu set to "AND". Below that, there's another text input field and a dropdown menu set to "All Fields". Below these, there's a "Refine your search" section with several checkboxes: "Journals" (checked), "Books" (checked), "All" (unchecked), "My Favorites" (unchecked), "Subscribed publications" (unchecked), and "Open Access articles" (checked, with a circled "3" next to it). Below the checkboxes, there's a list of categories: "- All Sciences -", "Agricultural and Biological Sciences", "Arts and Humanities", and "Biochemistry, Genetics and Molecular Biology". To the right of this list, there's a note: "Hold down the Ctrl key (or Apple Key) to select multiple entries." Below the categories, there's a radio button for "All Years" and a date range selector set to "2004" to "Present". At the bottom, there's a "Search" button and a link to "Recall search".

Submitting an Article

To submit articles to Elsevier's open access results, use the Elsevier Editorial System (EES). It lists information about each journal, the submission standards, support information, etc. Email: authorsupport@elsevier.com