

# ElectronicBook *Library*

## Thieme ElectronicBook Library User Guide

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# Thieme ElectronicBook Library 使用手冊

## 壹·資料庫簡介

**Thieme ElectronicBook Library** 是由來自德國，具有 100 年以上悠久出版歷史的 **Thieme Publishing Group** 所發行的線上參考書資料庫，該出版社出版超過 700 種醫學及科學專業書籍和期刊。**Thieme ElectronicBook Library** 精選**解剖學、放射學、臨床科學、基礎科學** 四大領域共 43 本書，涵蓋醫學院課程所需的訓練，也同時包含基礎科學，可供生命科學學院的學生參考。這些書籍的紙本在全球已經暢銷超過 20,000,000 本，其中 **Flexibook Atlases & Textbooks** 系列，不論在教學、臨床、研究領域都十分受歡迎並獲得高度評價，為醫學生和醫療專業人員採用超過 50 年。

承襲德意志民族嚴謹的優良傳統，書籍內附圖片精美、文字介紹清楚闡明主題，不但是**圖文並茂**而且**圖文相互對照**，您不需要再翻到其他章節或是頁面，就能得到完整的知識內容，因此，不論是**教學目的**、或是**臨床與研究人員溫故知新**，**Thieme ElectronicBook Library** 都是您的最佳選擇。

### Thieme e-Book 清單

#### Anatomy

- Color Atlas of Human Anatomy
- Pocket Atlas of Human Anatomy
- The Human Body

#### Basic Sciences

- Color Atlas of Biochemistry
- Color Atlas of Cytology
- Color Atlas of Genetics
- Color Atlas of Immunology
- Color Atlas of Neuroscience
- Color Atlas of Pathology
- Color Atlas of Pathophysiology
- Color Atlas of Pharmacology
- Color Atlas of Physiology
- Medical Microbiology
- Pocket Atlas of Nutrition
- Pocket Atlas of Ophthalmology
- Fundamentals of Neurology
- Basic Otorhinolaryngology



## Clinical Sciences

- A Pocket Guide to the Ear
- Color Atlas of Hematology
- Neurology
- Ophtho Notes
- Differential Diagnosis in Neurology and Neurosurgery
- Clinical Tests for the Musculoskeletal System
- Color Atlas of Neurology
- Pocket Atlas of Oral Diseases
- Ophthalmology
- Pocket Atlas of Endodontics
- Color Atlas of ENT Diagnosis
- Duus' Topical Diagnosis in Neurology
- Thieme Clinical Companions Dermatology
- Differential Diagnosis in Internal Medicine

## Radiology

- Color Atlas of Ultrasound Anatomy
- Pocket Atlas of Radiographic Anatomy
- Pocket Atlas of Sectional Anatomy - Vol. I: Head and Neck
- Pocket Atlas of Sectional Anatomy, Vol. II: Thorax, Heart, Abdomen, and Pelvis
- Pocket Atlas of Sectional Anatomy, Vol. III: Spine, Extremities, Joints
- MRI Parameters and Positioning
- Normal Findings in CT and MRI
- Pocket Atlas of Echocardiography
- Pocket Atlas of Dental Radiology
- Thieme Clinical Companions Ultrasound
- Essential Radiology
- Getting Started in Clinical Radiology

## 貳·首頁功能概覽

連線網址：<http://www.thieme.com/dyn/ebooklibrary/index.php>，首頁畫面顯示如下

The screenshot shows the homepage of the Thieme ElectronicBook Library. The layout includes a header with the library name, a navigation menu, a search bar, a list of available books, and a news section. Callout boxes A through F are placed over the page to highlight specific features:

- A:** Points to the Thieme ElectronicBook Library logo and header.
- B:** Points to the navigation menu (HOME, BOOKS, SEARCH, HELP).
- C:** Points to the search bar and the 'Advanced Search' link.
- D:** Points to the 'About' link in the navigation menu.
- E:** Points to the 'NEWS' section on the right side of the page.
- F:** Points to the 'The following books are available online now:' section, which includes a sub-menu for filtering books by specialty, title, or author.



**A** 電子書首頁連結：當您在使用 **Thieme ElectronicBook Library** 時，無論何時，當您想回到電子書的首頁時，按下此產品 logo，即會帶領您回到首頁

**B** **Thieme ElectronicBook Library** 包含四個主要的標籤

[HOME](#) [BOOKS](#) [SEARCH](#) [HELP](#)

功能分述如下：

HOME：電子書首頁連結

BOOKS：進入書籍瀏覽清單頁面

SEARCH：進入進階搜尋頁面

HELP：簡要的使用說明

**C** 可在快速搜尋框中直接鍵入關鍵字搜尋，或點選 [Advanced Search](#) 進入進階搜尋頁面

**D**  [About](#)：關於 **Thieme** 電子書

[Licensing Information](#)：授權資訊

[FAQ](#)：常見問答集

[Contact](#)：連絡出版社

**E** 新聞區，又分為以下幾個區塊

[WinkingSkull.com](#) 新增至 **Thieme ElectronicBook Library** 的解剖學線上動態教材

[Recently added titles and new editions](#) 新增或改版的書籍介紹

[MARC records](#) 下載 [MARC records](#)

[Highlights](#) 重要事項(申請試用、推薦給圖書館、即將更新的書目、註冊 E-Newsletter)



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F 選擇書籍清單的排列方式，包括按科別、Title、作者三種排列方式

## 參·瀏覽功能介紹

在首頁中間的主要畫面為 Thieme e-book 的書籍清單，預設的排列方式是按照 Title 的 A-Z 順序排列，也可以選擇按科別跟作者的順序排列。

可由此選擇欲瀏覽的書籍，點選書籍的名稱進入瀏覽畫面。

The Thieme ElectronicBook Library launches with the popular Flexibook Atlases and Textbooks Series, the review and reference collection trusted by students and professionals worldwide for more than 40 years.

The following books are available online now:

BY SPECIALTY | BY TITLE | BY AUTHOR

- A Pocket Guide to the Ear
- Basic Otorhinolaryngology
- Clinical Tests for the Musculoskeletal System
- Color Atlas of Biochemistry
- Color Atlas of Cytology, Histology and Microscopic Anatomy, 4th edition
- Color Atlas of ENT Diagnosis
- Color Atlas of Genetics
- Color Atlas of Hematology
- Color Atlas of Human Anatomy, Vol. 3: Nervous System and Sensory Organs
- Color Atlas of Immunology
- Color Atlas of Neurology
- Color Atlas of Neuroscience
- Color Atlas of Pathology
- Color Atlas of Pathophysiology
- Color Atlas of Pharmacology
- Color Atlas of Physiology
- Color Atlas of Ultrasound Anatomy
- Differential Diagnosis in Internal Medicine

NEWS

WinkingSkull.com

A free study aid for must-know anatomy

Recently added titles and new editions

Pocket Atlas of Human Anatomy, 5th edition

Siegenthaler's Differential Diagnosis in Internal Medicine.

也可以點選左方標籤的 BOOKS，進入包括更詳細書籍資訊的排列清單，包含書籍的作者、版次及出版年等資訊。



Thieme ElectronicBook Library

HOME BOOKS SEARCH HELP

You are Here: **Books by Specialty**

**BIOCHEMISTRY**

- ▶ **Color Atlas of Biochemistry**  
by **J. Koolman, K. H. Röhm**  
2nd edition, 2005  
Series: Color Atlases of medicine and science

**CARDIOLOGY**

- ▶ **Pocket Atlas of Echocardiography**  
by **T. Boehmeke, R. Doliva**  
2006  
Series: Color Atlases of medicine and science

**DENTISTRY**

- ▶ **Pocket Atlas of Dental Radiology**  
by **Friedrich A. Pasler, Heiko Visser**  
2007  
Series: Color Atlases of medicine and science
- ▶ **Pocket Atlas of Oral Diseases**

Annotations:

- 選擇書籍排列方式
- 點選書名即可進入閱讀
- 選擇書籍的主題分類

假設我們選擇一本書進入閱讀後，首先會進入該本書籍的介紹及目錄 TOC 頁面，可從目

錄中點選欲瀏覽的章節，即可進入書籍內容中閱讀。



**Thieme ElectronicBook Library**

HOME BOOKS SEARCH HELP  
CONTENTS INDEX

快速搜尋框，可選擇在此本書或是整個 Thieme e-book 中進行搜尋

Color Atlas of Biochemistry

2005  
2nd edition  
467 pp, 215 color plates  
eISBN 9781604061239  
Georg Thieme Verlag

書籍的基本資訊介紹

書籍的目錄，可由此點選進入欲閱覽的章節內容中閱讀

電子書開啟的內容頁面如下：

A

B

C

D



Chapter > Basics > Chemistry > Periodic table

HOME BOOKS SEARCH HELP  
CONTENTS INDEX

Search

This Book  All Books  
> Advanced Search

**E**

Color Atlas of Biochemistry

- Book Info
- Basics
- Biomolecules
- Metabolism
- Organelles
- Molecular genetics
- Tissues and organs
- Nutrition
- Hormones
- Growth and development
- Annotated enzyme list
- Annotated enzyme list cont.
- Abbreviations
- Abbreviations cont.
- Quantities and units
- Further reading
- Source credits
- Index (PDF)

2 Basics

Periodic table

A. Biologically important elements

There are 81 stable elements in nature. Fifteen of these are present in all living things, and a further 8, 10 are only found in particular organisms. The illustration shows the first half of the periodic table, containing all of the biologically important elements. In addition to physical and chemical data, it also provides information about the distribution of the elements in the living world and their abundance in the human body. The laws of atomic structure underlying the periodic table are discussed in chemistry textbooks.

More than 99% of the atoms in animals' bodies are accounted for by just four elements—hydrogen (H), oxygen (O), carbon (C) and nitrogen (N). Hydrogen and oxygen are the constituents of water, which alone makes up 65–70% of cell mass (see p. 196). Together with carbon and nitrogen, hydrogen and oxygen are also the major constituents of the organic compounds on which most living processes depend. Many biomolecules also contain sulfur (S) or phosphorus (P). The above macromolecules are essential for all organisms.

A second biologically important group of elements, which together represent only about 0.5% of the body mass, are present almost exclusively in the form of inorganic ions. This group includes the alkali metals sodium (Na) and potassium (K), and the alkaline earth metals magnesium (Mg) and calcium (Ca). The halogen chlorine (Cl) is also always present in the cell. All other elements important for life are present in such small quantities that they are referred to as trace elements. These include transition metals such as iron (Fe), zinc (Zn), copper (Cu), cobalt (Co) and manganese (Mn). A few nonmetals, such as iodine (I) and selenium (Se), can also be classed as essential trace elements.

B. Electron configurations: examples

The chemical properties of atoms and the types of bond they form with each other are determined by their electron shells. The electron configurations of the elements are therefore also shown in Fig. A. Fig. B explains the symbols and abbreviations used. More detailed discussions of the subject are available in chemistry textbooks.

The possible states of electrons are called orbitals. These are indicated by what is known as the principal quantum number and by a letter—s, p, or d. The orbitals are filled one by one as the number of electrons increases. Each orbital can hold a maximum of two electrons, which must have oppositely directed spins. Fig. A shows the distribution of the electrons among the orbitals for each of the elements. For example, the six electrons of carbon (6) occupy the 1s orbital, the 2s orbital, and two 2p orbitals. A filled 1s orbital has the same electron configuration as the noble gas helium (He). This region of the electron shell of chlorine (17) consists of that of neon (Ne) and seven additional electrons in 3s and 3p orbitals. In iron (26), a transition metal of the first series, electrons occupy the 4s orbital even though the 3d orbitals are still partly empty. Many reactions of the transition metals involve empty d orbitals—e.g. redox reactions or the formation of complexes with ligands.

Particularly stable electron arrangements arise when the outermost shell is fully occupied with eight electrons (the 'octet rule'). This applies, for example, to the noble gases, as well as to ions such as  $\text{Cl}^-$  ( $2s^2 2p^6$ ) and  $\text{Na}^+$  ( $2s^2 2p^6$ ). It is only in the cases of hydrogen and helium that two electrons are already sufficient to fill the outermost 1s orbital.

3 Chemistry

A. Biologically important elements

Group

|   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 13 | 14 | 15 | 16 | 17 | 18 |    |    |    |    |    |    |    |    |
| 1 | 2 | 13 | 14 | 15 | 16 | 17 | 18 |    |    |    |    |    |    |    |    |
| 3 | 4 | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 4 | 5 | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |    |
| 5 | 6 | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |    |    |

B. Electron configurations: examples

Helium (He, Noble gas)  $1s^2$

Neon (Ne, Noble gas)  $1s^2 2s^2 2p^6$

Argon (Ar, Noble gas)  $1s^2 2s^2 2p^6 3s^2 3p^6$

1. Carbon (C)  $1s^2 2s^2 2p^2$

2. Chlorine (Cl)  $1s^2 2s^2 2p^6 3s^2 3p^5$

3. Iron (Fe)  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^6$

1 of 2

**F** **G**

A 跳至電子書索引頁

B 由左至右依次為：



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TEL: +886-2-2707 6611 FAX: +886-2-2705 0482

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瀏覽工具列 - 放大或是縮小、長度延伸、寬度延伸、調整顯示比例

其他工具 - 旋轉工具、復原、重覆、線上搜尋

D 前一頁跟下一頁

E 電子書目錄，黃色網底處為標示目前所在位置

F 瀏覽工具：

觀看第一頁、觀看前一頁、觀看下一頁、觀看最後一頁

G 調整電子書呈現方式：單一頁、連續頁、多頁、雙頁

Thieme 電子書的編排通常是一頁圖片、一頁文字，方便讀者在閱讀時做相互對照，透過圖片的連結更加快速了解文字的真義。並且 Thieme 所使用圖片的解析度品質都很高，即使放大也

## 肆·搜尋功能介紹



在每一頁的左方皆有一個快速搜尋框

使用者可直接於此鍵入關鍵字進行搜尋，若需要設定更精準的搜尋條件，可按下搜尋框下

方的 Advanced Search 進入進階搜尋畫面。

進階搜尋畫面如下：



### Advanced Search

**Search area:**

- Pocket Atlas of Oral Diseases
- Thieme Clinical Companions Dermatology
- Duus' Topical Diagnosis in Neurology
- 
- Anatomy Books
  - Color Atlas of Human Anatomy, Vol.3
  - Pocket Atlas of Human Anatomy
  - The Human Body
- 
- Radiology Books

Hold CTRL to select multiple.  
 Search only in the Index

**Search for documents that...**

must contain (AND) the words in the body (full text)

...and...

must not contain (NOT) the words in the body (full text)

**...and show...**

10 results sorted by relevance with summaries

[Help](#)

#### ■ 搜尋範例

以 Influenza (流行性感冒) 和 virus (病毒) 搜尋所有的電子書，也可選擇搜尋單一電子書，或是按下 CTRL 鍵同時選取多本電子書

Influenza 必須出現在書籍的關鍵字，vir

進行搜尋，搜尋結果以相關程度排列，

設定搜尋的範圍，可選擇 All Books 搜尋所有的電子書，也可選擇搜尋單一電子書，或是按下 CTRL 鍵同時選取多本電子書

皆為 AND，  
some e-book 中

選擇關鍵字的 1.布林邏輯，2.是單字、片語或人名 3.在全文或關鍵字中搜尋

輸入欲搜尋的關鍵字，最多可輸入兩組關鍵字組。



設定搜尋結果顯示比數、排列方式以及是否包含摘要

### Advanced Search

**Search area:**

- All Books
- Basic Science Books
  - Color Atlas of Biochemistry
  - Color Atlas of Cytology
  - Color Atlas of Genetics
  - Color Atlas of Immunology
  - Medical Microbiology
  - Color Atlas of Neuroscience
  - Color Atlas of Pathology

Hold CTRL to select multiple.

Search only in the Index

**Search for documents that...**

must contain (AND) the words in the keywords (meta tags)

influenza

**...and...**

must contain (AND) the words in the body (full text)

virus

**...and show...**

10 results sorted by relevance with summaries

[Help](#)

■ 搜尋結果頁面

### Search

**Results for:** +keywords:influenza, +virus

2 results found, sorted by relevance 1-2

**Differential Diagnosis in Internal Medicine**  
 536 18 Pulmonary Opacities Viral Pneumonia Influenza pneumonia is fairly common and has been described as an acutely progressive and fatal disease during influenza epidemics. Although influenza ...  
[ebooklibrary/flexibook/pubid-724524616/pdf/pubid-724524616\\_1269.pdf](ebooklibrary/flexibook/pubid-724524616/pdf/pubid-724524616_1269.pdf)

**Differential Diagnosis in Internal Medicine**  
 140 proximal muscles of the extremities. The pain is sharp and respiration-dependent. Intense attacks alternate with pain-free intervals. Frequent concomitant symptoms are fever and headaches. Catarrhal manifestations ...  
[ebooklibrary/flexibook/pubid-724524616/pdf/pubid-724524616\\_1071.pdf](ebooklibrary/flexibook/pubid-724524616/pdf/pubid-724524616_1071.pdf)

2 results found, sorted by relevance

[New Search](#) | [Advanced Search](#)

搜尋結果筆數

點選標題，進入搜尋結果閱讀



開啟新的搜尋頁面

## 伍·News 新訊區介紹

- **WinkingSkull.com**：為免費解剖學學習教材，使用者可點選位於首頁右方的圖示進入。使用此學習教材須先註冊一個免費的個人帳密，登入後即可使用。

WinkingSkull.com



A free study aid for must-know anatomy

WinkingSkull.com

Home | Atlas | About | Quick Tips | Help | Invite a Friend | My Account | Log

WinkingSkull.com PLUS  
Already own *Atlas of Anatomy*? Click here to enter your access code and get started.

Select a Region to Begin

- Back
- Thorax
- Abdomen & Pelvis
- Upper Limb
- Lower Limb
- Head & Neck
- Neuroanatomy

Greetings WinkingSkuller!

Thieme Publishers launched WinkingSkull.com in January of 2008. From Boston to Berlin to Beijing, WinkingSkull.com is rapidly becoming a global phenomenon as interest grows from around the world. This website is a free, interactive resource for medical students and people interested in science.

In June of 2008, WinkingSkull.com was revised to optimize the studying and testing experience and to facilitate cross-referencing with the newly published *Atlas of Anatomy*.

**New!** Winking Skull now provides every user the option to switch back and forth between English and Latin versions of the site. Use the drop-down menu in the upper right-hand corner of the screen to switch to your language of preference. Users can determine their preferred version of the site they want to default to by logging into their account. [Winking Skull PLUS](#) is now also available in Latin!

Click [here](#) to read the website history or [login](#) to begin studying!

*Atlas of Anatomy* contains everything you need to successfully tackle the daunting challenges of anatomy. [Learn more](#) about the new *Atlas of Anatomy* behind WinkingSkull.com!

按照身體部分區，由此選擇不同部位的解剖教材

以選擇 Back (背部) 的 Bones (骨頭) 為例，將出現此範圍不同類型、剖面的縮圖，由此點選欲進入學習解剖圖中



長智文化事業有限公司

IG Knowledge Services Ltd.

TEL: +886-2-2707 6611 FAX: +886-2-2705 0482

10658 台北市大安區信義路三段 162-20 號 5F

WinkingSkull.com PLUS  
 Already own Atlas of Anatomy? Click here to enter your access code and get started.

Select a Region to Begin

- Back
  - Bones
  - Muscles
  - Neurovasculature
- Thorax
- Abdomen & Pelvis
- Upper Limb
- Lower Limb
- Head & Neck
- Neuroanatomy

Back / Bones

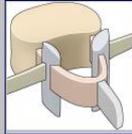
Click thumbnail image to enlarge.



Vertebral column. Left lateral view. Regions of the spine.



Bones of the vertebral column. Posterior view.



Structural elements of a vertebra. Left posteriosuperior view.



Cervical spine. Left lateral view. Bones of the cervical spine.



Thoracic spine. Left lateral view.



Lumbar spine. Left lateral view.



Sacrum and coccyx. Anterior view.



Joints of the vertebral column.



Craniovertebral joints. Atlas and axis, posteriosuperior view.



Anterior longitudinal ligament. Anterior view with base of skull removed.

以選擇此胸椎的左側剖面圖為例

**Back > Bones**

**Thoracic spine. Left lateral view.**  
Illustrator: Karl Wesker

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**Control Box** Reset

**Navigate** ◀ ▶

**Labels**  ON  OFF

**Zoom**  +

TEST

DEFAULTS

---

**Thumbnail Navigation**

**Navigate** : 選擇此分類下前一個或下一個解剖圖

**Labels** : 開啟或關閉顯示名稱



**Zoom**：調整圖片的大小

**TEST**：開始測驗，可設定測驗的時間、測驗的顯示方式。測驗完成後，會告知你測驗的結果、使用的時間，選擇重新測驗一次，或學到學習畫面針對不熟悉的地方重新學習。

**DEFAULTS**：更改你的聯絡方式、設定學習頁面的顯示偏好、重設 password



## ■ MARC records

## MARC records

Download  
MARC records for  
the ElectronicBook  
Library

於 Thieme e-book 頁面右方 News 區下方，可由此點選進入 MARC records 下載專區

**Definition:** The MARC 21 format is a standard for the representation and communication of bibliographic and related information in machine-readable form.

MARC records for all existing Thieme ebooks can be downloaded here, in .mrc (machine-readable) and .oc (machine-readable) format. Depending on your system and your load table, you will need to choose the corresponding file format (i.e. ILS systems load .mrc-files).

To learn more about MARC records, please visit the Library of Congress (LOC) at <http://www.loc.gov/marc/>.

MARC records for new titles will be made available in certain time intervals after the book has been added to the electronic book library.

### All MARC records\*

in .mrc (machine-readable) format  
in .oc (machine-readable) format

### MARC records by specialty\*

in .mrc (machine-readable) format  
in .oc (machine-readable) format

### Single MARC records\*

in .mrc (machine-readable) format  
in .oc (machine-readable) format

### We welcome your feedback!

Do not hesitate to send us all suggestions that you might have about Thieme MARC records.

### You may contact us directly:

Institutional Sales:

The Americas:

Tel:  +1-212-584-4695 

Email: [esales@thieme.com](mailto:esales@thieme.com)

Rest of the World:

Tel:  +49-711-8931-407 

Email: [sales@thieme-connect.com](mailto:sales@thieme-connect.com)

可於此選擇 MARC records 下載的格式及下載的項目 (全部、按科別、單一書籍)



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