

OPEN EDUCATIONAL RESOURCES

Tim Ormsby
Dr Gerti Szili

WE ARE ON KAURNA LAND...

We recognise that Flinders University operates on Indigenous peoples' traditional lands and waters, and acknowledge their continued responsibility to care for country at the University's various teaching locations, including the lands and waters of the following peoples: Kaurna (main campus at Bedford Park), Arrernte, Boandik, Bungarla, Gunditjmara, Jawoyn, Larrakia, Nauo, Ngarrindjeri, Peramangk, Ramindieri, Wurundjeri, Yolgnu.

TODAY, OVER 300
ABORIGINAL AND
TORRES STRAIT
ISLANDER STUDENTS
ARE ENROLLED
IN COURSES AT
FLINDERS UNIVERSITY.



What are Open Educational Resources (OERs)?

“OER are **teaching, learning, and research resources** that reside in the public domain or have been released under an intellectual property license that permits their **free use and re-purposing** by others. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to **support access to knowledge.**”

William and Flora Hewitt Foundation



Open [cropped] by Mikol, CC BY-SA 2.0

The 5Rs of OER

1. **Retain** – the right to make, own, and control copies of the content
2. **Reuse** – the right to use content in a wide range of ways
3. **Revise** – the right to adapt, adjust, modify, or alter the content itself
4. **Remix** – the right to combine the content with other material
5. **Redistribute** – the right to share copies of the original, revisions, and remixes with others

David Wiley



The copyright bit

Creative Commons

Open licenses that allow anyone to use the material (within limits)

- Ⓘ Attribution
- ♻️ Share-Alike
- Ⓜ️ Non-Commercial
- Ⓛ️ No-Derivatives

Public Domain

Copyright expired OR dedicated to the public domain



Why are we using OERs?

Textbooks are problematic

- Costs to students
- Cost to institutions
- Restrictive licensing
- Consolidated business practices
- Copyright and authors' rights
- Multiple editions
- Lack of availability
- High subscription costs



Image by Libby Levi for opensource.com, CC BY-SA 2.0

Costs on our students

"If you are **studying science, maths or economics** you can expect your textbooks to be **\$300 to \$800** a semester. Some **nursing** students spend **\$2000 on textbooks** at the start of a semester... **Law** students might spend **\$165 on a single textbook.**"

Cook, H 2016, *Why are textbooks so expensive in Australia?* The Age, 29 Feb



Australian Money [cropped] by Will, Cc BY-SA 2.0

Impact on students

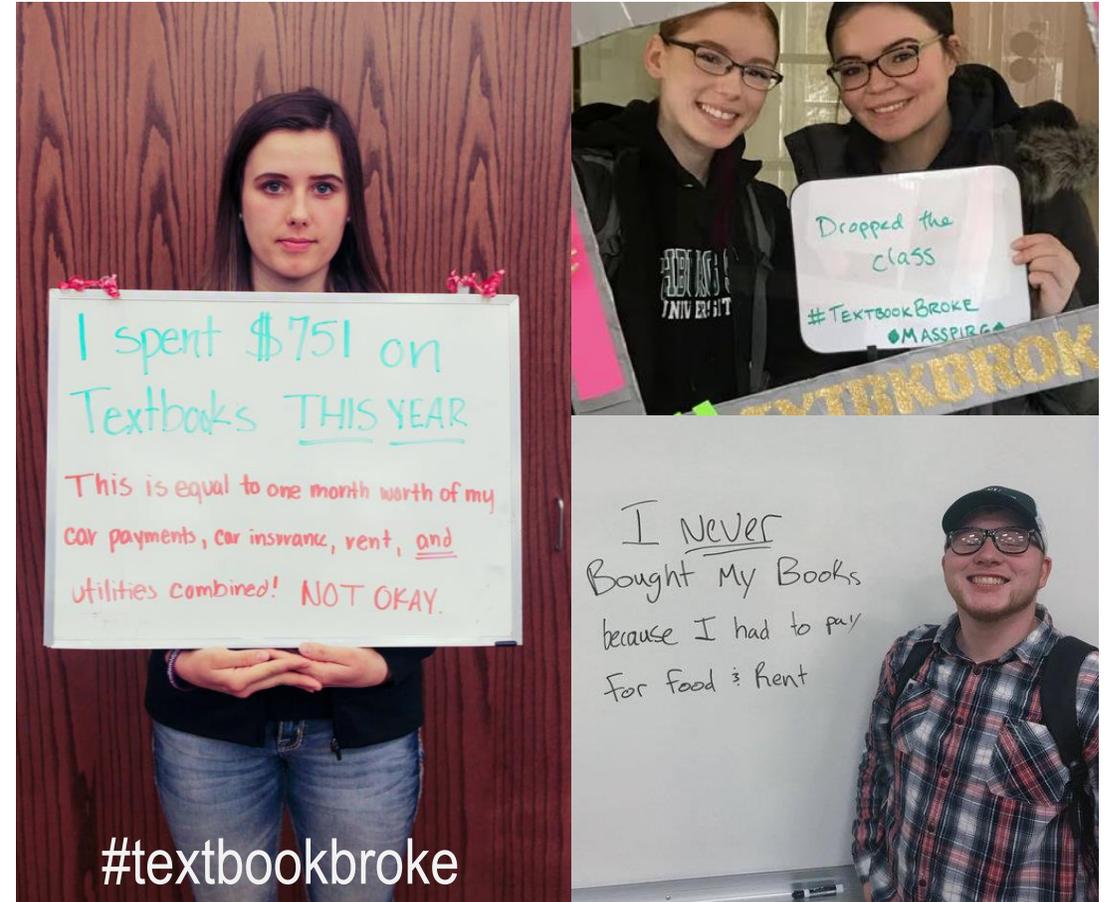
US studies have found students:

- Don't buy required books
- Take fewer courses
- Don't register for a course
- Drop a course

Deakin Study into OER:

"if textbooks are required for your unit, do you purchase it"

- 1300 students responded
- **NO 73%** **YES 27%**



Costs for the library

Required textbook for CHEM1101

- Chemistry: the central science, 15th ed
- 186 students

	Type	Cost	If all students had a copy...
Library	1 user	\$457.57	\$85,108
	3 user	\$1372.71	\$84,108
Student	eText	\$70	\$13,020
	Print	\$139.95	\$26,030

- Library already has lots of copies of older editions

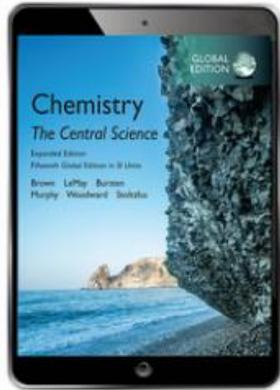
BOOK ” ✉ 🌟 ⋮

Chemistry : the central science
Theodore. Brown
15th ed. ; 2021 ; Harlow : Pearson Education, Limited
[Available Online >](#)

Chemistry: The Central Science in SI Units, Expanded Edition, Global Edition, 15th edition

eText	Mastering	Print
\$70.00	\$128.55	\$139.95

Theodore E. Brown, H Eugene LeMay, Bruce E. Bursten, Catherine Murphy, Patrick Woodward, Matthew E. Stoltzfus



eText

Chemistry: The Central Science in SI Units, Expanded Edition, Global Edition eBook

ISBN-13: 9781292408774

Instant access **\$70.00**

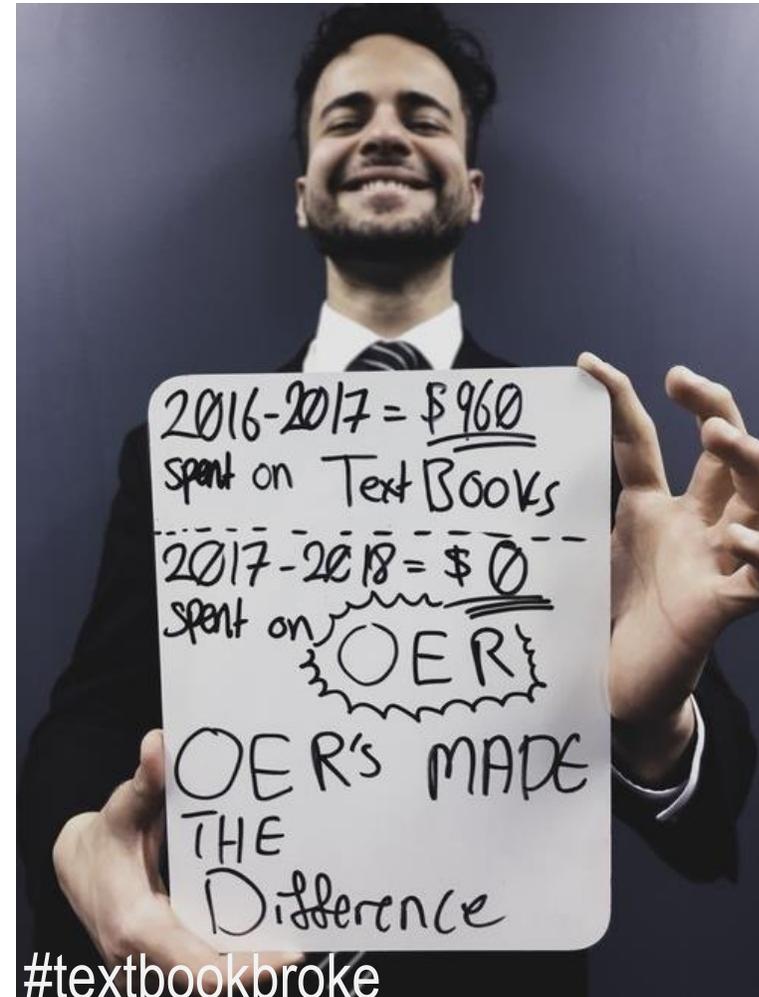
[Buy now](#)

OERs offer a solution

Review of OER adoption studies:

“students achieve the same or better learning outcomes when using OER while saving significant amounts of money”

Hilton, J 2020, *Open educational resources, student efficacy, and user perceptions: a synthesis of research published between 2015 and 2018*, Educational Technology Research and Development, 68, 853–876



Benefits of OERs for students

- Equitable: free to access
- Easy online access, anytime, anywhere
- Many different formats: text, visual, audio
- Inclusive of more voices and perspectives
- Active learning through interactive components
- Increased accessibility



Benefits of OERs for teachers

- Flexibility: they can be used, remixed, and edited to suit learning outcomes and student needs
- Increases collaboration through the sharing of resources
- Creation can be an effective learning tool – either throughout the duration of a topic, or as an assessment piece



Benefits of OERs for authors

- Retain intellectual property of your work
- Can be updated whenever needed
- Increased citation count
- Tailored to specific topic content



How do you find OERs?

General OER repositories

- OER Commons
- MERLOT

OER textbook collections

- Open Textbook Library
- Bccampus

Subject OER repositories

- Chem Collective (chemistry)
- COELL (languages)

They can be anywhere...

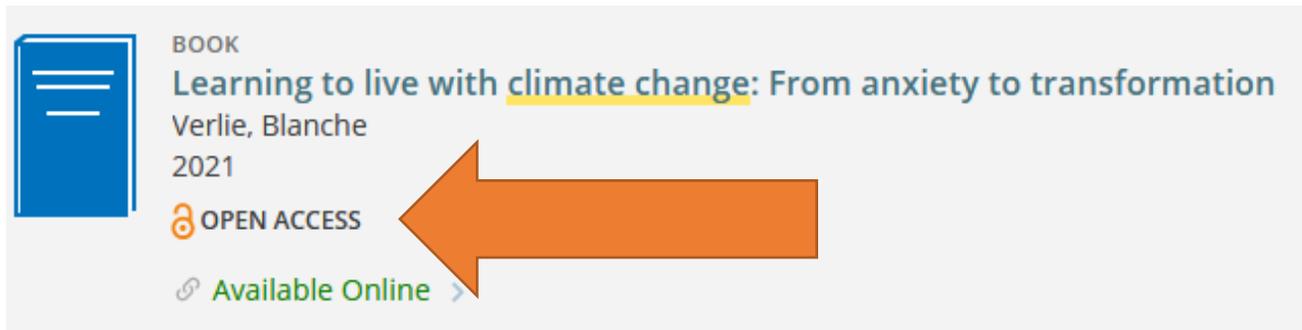


Spin and Find [cropped] by Tom Magliery, CC BY-SA 2.0

How do you find OERs?

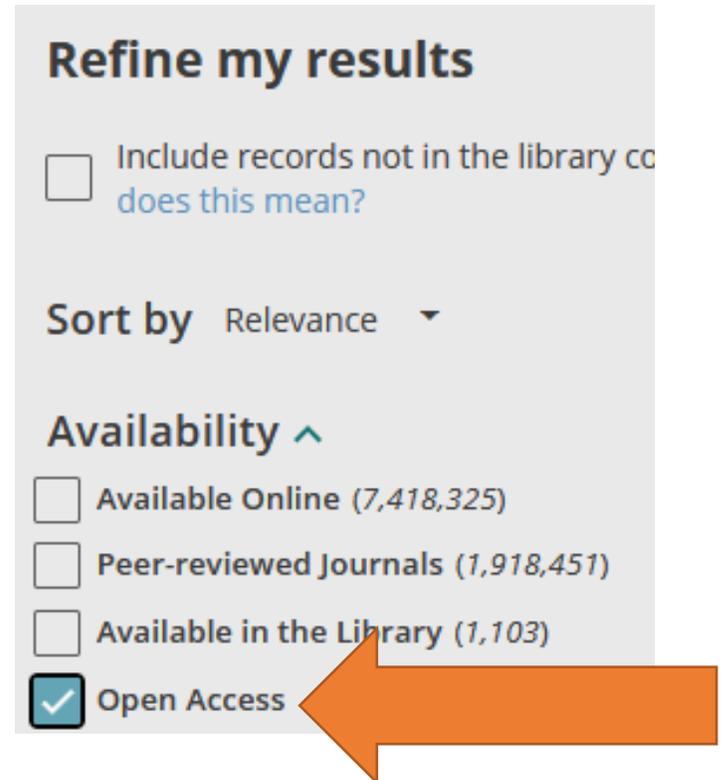
FindIt@Flinders contains thousands of OERs

- Refine your results using the Open Access filter



BOOK
Learning to live with climate change: From anxiety to transformation
Verlie, Blanche
2021
 OPEN ACCESS
[Available Online >](#)

An orange arrow points from the 'Available Online' link to the 'OPEN ACCESS' label.



Refine my results

Include records not in the library collection
[does this mean?](#)

Sort by Relevance ▾

Availability ^

Available Online (7,418,325)

Peer-reviewed Journals (1,918,451)

Available in the Library (1,103)

Open Access

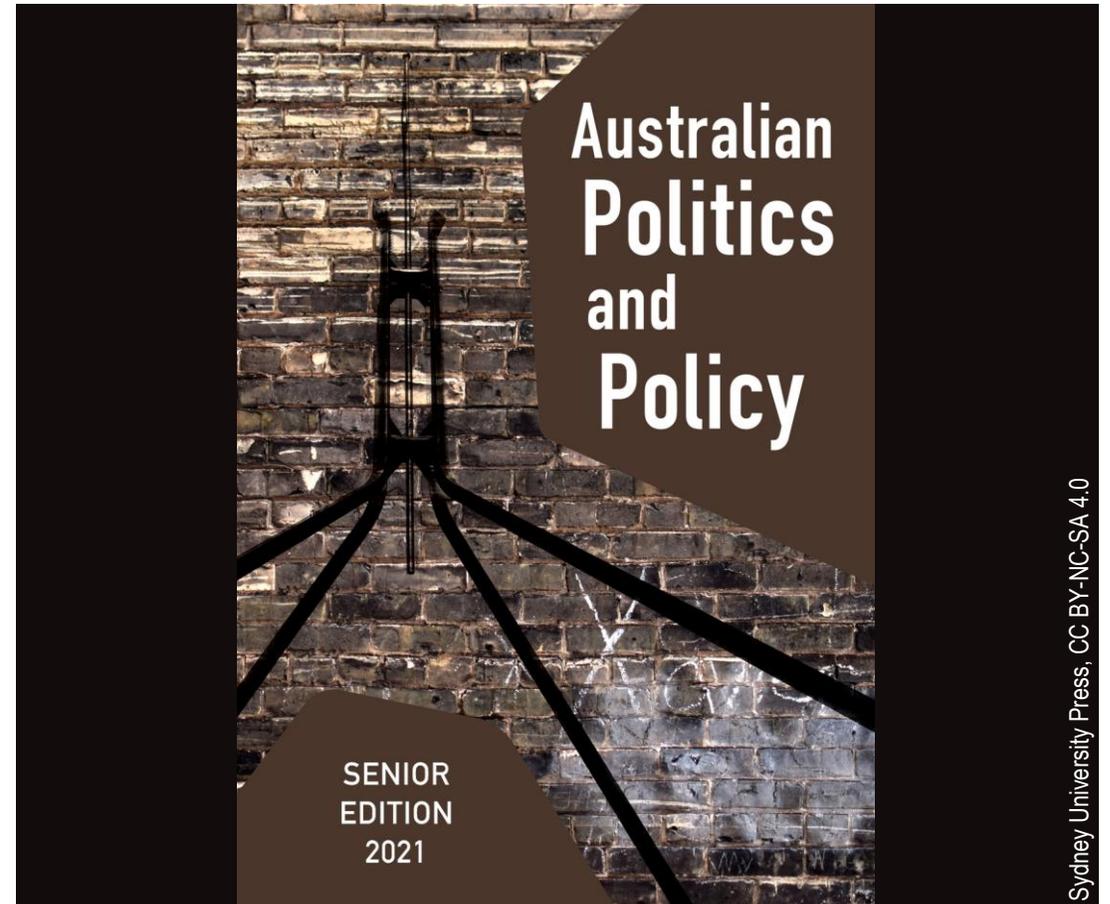
An orange arrow points from the 'Open Access' filter to the 'Available Online' filter.

How do you find OERs?

The screenshot shows the 'serviceone' website interface. At the top, there is a dark blue header with the 'serviceone' logo on the left and 'Switch to Platform' and 'What's new' links on the right. Below the header is a breadcrumb trail: 'Home > All Catalogs > Education Services > Planning & preparation'. To the right of the breadcrumb is a search bar with a magnifying glass icon. On the left side, there are two vertical navigation menus. The first is titled 'Catalogs' and has a dropdown menu currently set to 'All'. The second is titled 'Categories' and lists several options: 'Education Services', 'Planning & preparation' (highlighted in yellow), 'Teaching', 'Evaluation & assessment', 'Research Services', 'General Services', 'Facility Services', and 'Technology Services'. In the center, there are three yellow buttons: 'Planning & preparation', 'Teaching', and 'Evaluation & assessment'. Below these buttons, the page is titled 'Planning & preparation' and includes the text: 'The following services may be of assistance when you are setting up a topic.' Below this text is a grid of nine service tiles, each with an icon and a title. A large orange arrow points from the left towards the bottom-left tile, 'Online content for topics'. The tiles are: 1. Copyright for my teaching material (C icon); 2. Embedding library skills in my topic (head with gears icon); 3. FLO - General Query (FLO icon); 4. FLO - Teaching Team Member Update (FLO icon); 5. Library support for accreditation (book icon); 6. Library support for course design and approval (graduation cap icon); 7. Online content for topics (computer monitor icon); 8. Readings query (open book icon); 9. Recording room familiarisation session (clapperboard icon).

OER @ Flinders

- OER textbook with contributions from academics across Australia
- Including Flinders academics – Andrew Parkin, Leonie Hardcastle, Rob Manwaring & Josh Holloway
- First edition 2019 with second out in 2021 – with COVID chapter
- Chapters set as required readings in 2 Flinders courses



CAUL OER Collective Pilot Project

- Provide a shared open textbook publishing platform (Pressbooks) for participating university libraries in Australia and New Zealand.
- Facilitate both independent and collaborative, cross-institutional publishing.
- Build community and capacity across Australian and New Zealand universities to support open textbook publishing.



GUIDES



TRAINING



CHECKLISTS



**COMMUNITY
OF PRACTICE
EMAIL LIST**



**COMMUNITY
OF PRACTICE
MEETINGS**



**COMMUNITY
OF PRACTICE
SLACK SPACE**

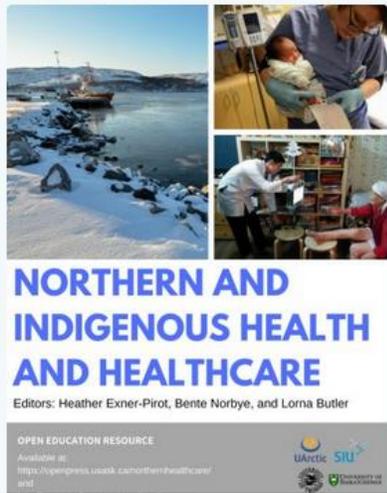
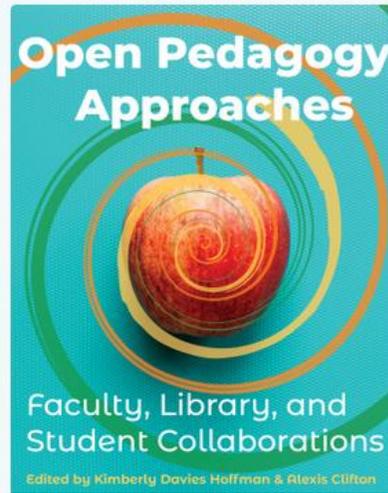
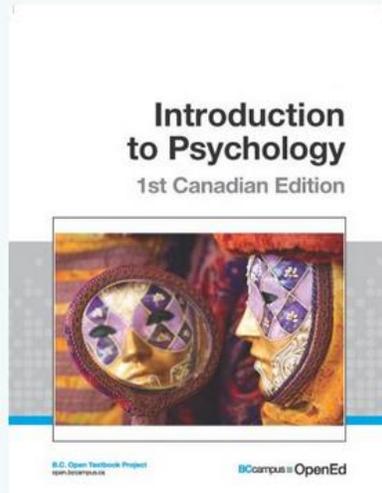
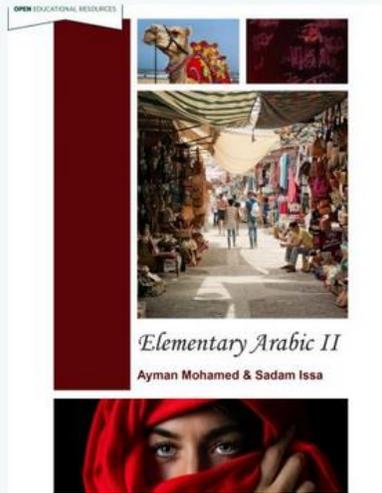
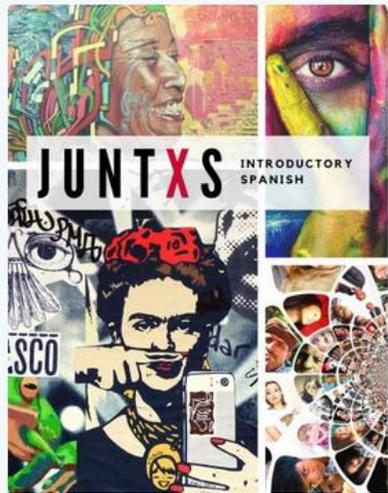
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Healthcare

USQ.PRESSBOOKS.PUB | UNIVERSITY OF SOUTHERN QUEENSLAND

Fundamentals of Anatomy and Physiology

416,779 words | 2470.76 MB | [583 H5P activities](#)

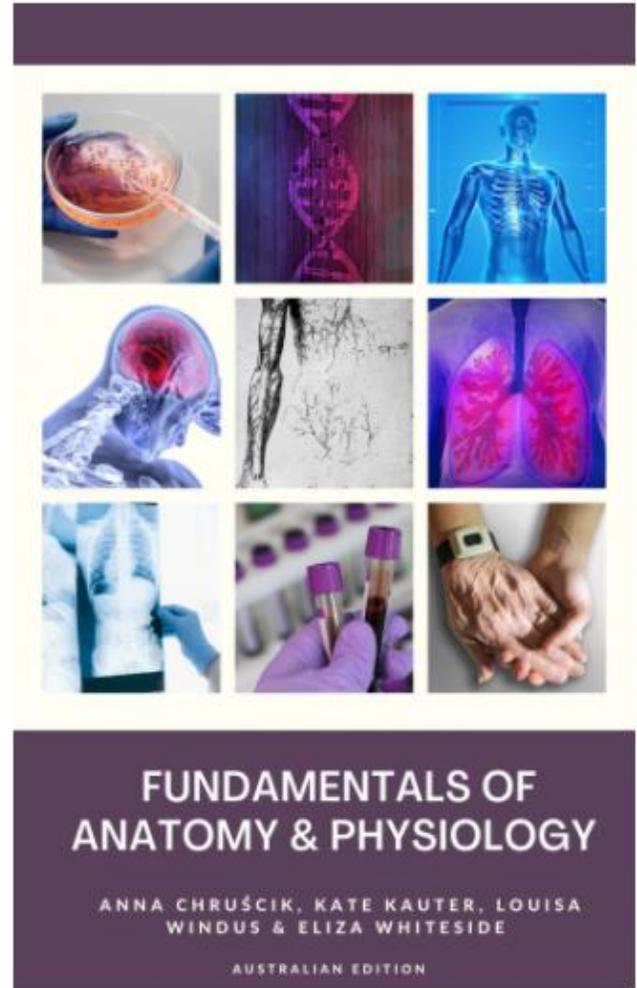
Author(s): Anna Chruściak, Kate Kauter, Louisa Windus, Eliza Whiteside

Subject(s): Anatomy, Physiology

Updated: 04-19-2021

Publisher: University of Southern Queensland

Language: English



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