

Chemistry : Industrial Chemistry / Chemical Engineering

Wilcox, Jennifer

Carbon Capture

- First authored book on the fundamental aspects of carbon capture
- First textbook on carbon capture
- Covers a diverse range of issues, such as thermodynamics, kinetics, mass transfer, and material properties

This book approaches the energy science sub-field carbon capture with an interdisciplinary discussion based upon fundamental chemical concepts ranging from thermodynamics, combustion, kinetics, mass transfer, material properties, and the relationship between the chemistry and process of carbon capture technologies. Energy science itself is a broad field that spans many disciplines -- policy, mathematics, physical chemistry, chemical engineering, geology, materials science and mineralogy -- and the author has selected the material, as well as end-of-chapter problems and policy discussions, that provide the necessary tools to interested students.

Springer

1st
edition

2012, XXIV, 324 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-1-4614-2214-3

£ 69,99 | CHF 94,50 | 79,99 € |

87,99 € (A) | 85,59 € (D)

Available

Discount group

Standard (0)

Product category

Graduate/advanced undergraduate textbook

Other renditions

Softcover

ISBN 978-1-4939-0125-8

Softcover

ISBN 978-1-4614-2216-7

[Order online at springer.com/booksellers](http://springer.com/booksellers)**Springer Nature Customer Service Center GmbH**

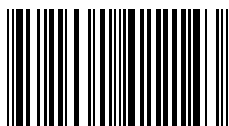
Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com

ISBN 978-1-4614-2214-3 / BIC: TDC / SPRINGER NATURE: SCC27000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**