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<b>Elsevier (ScienceDirect)</b>	On Campus	Remote Access	Guide Sheet 
<b>Oxford University Press</b>	On Campus	<b>Remote Access</b>	Guide Sheet 
<b>Springer Nature</b>	On Campus	Remote Access	Guide Sheet 

# Search for E-books by Subject (1/5)

- Browse by Subjectをクリックし、分野を選択

The screenshot shows the Oxford Scholarship Online website. At the top, there is a navigation bar with links for 'About', 'News', 'Partner Presses', 'Subscriber Services', 'Contact Us', 'Take a Tour', and 'Help'. Below this is the 'Oxford Scholarship Online' logo and a search bar. A yellow circle highlights the 'Browse by Subject' dropdown menu, which is open, showing a list of subjects including Biology, Business and Management, Classical Studies, Economics and Finance, History, Law, Linguistics, Literature, Mathematics, Music, Neuroscience, Palliative Care, Philosophy, Physics, Political Science, Psychology, Public Health and Epidemiology, Religion, Social Work, and Sociology. Below the menu, there is a featured book titled 'An Operating Principle for Nervous Systems' by Dale Purves. To the left of the book, there is a sidebar with statistics: '16,000+ books', '20 subject modules', '370+ subdisciplines', 'Written by 19,000+ authors', 'From 2,600+ institutions', 'Located in 90+ countries', and 'Updated 12 times a year'. To the right of the book, there is a 'News' section with dates and titles for new books published in March and February 2020.

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Alvaro De Rujula  
Publisher: Oxford University Press  
Published in print: 2018  
Published online: February 2020

Gravitational-Wave Astronomy  
Nils Andersson  
Publisher: Oxford University Press  
Published in print: 2019  
Published online: January 2020

Concepts of Elementary Particle Physics  
Michael E. Peskin  
Publisher: Oxford University Press  
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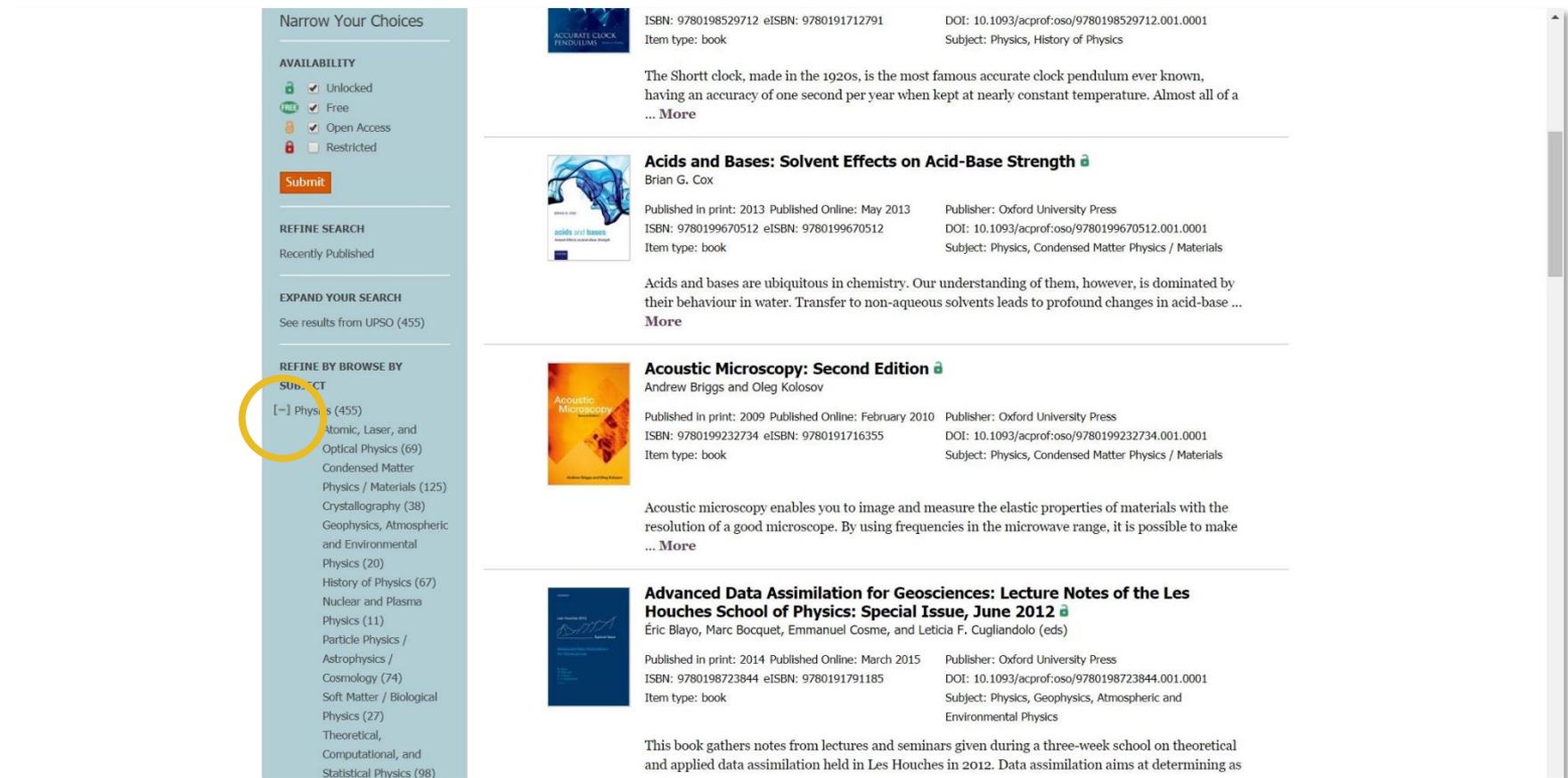
Accurate Clock Pendulums  
Robert J. Matthey  
Published in print: 2004 Published Online: January 2010 Publisher: Oxford University Press  
ISBN: 9780198529712 eISBN: 9780191712791 DOI: 10.1093/acprof:oso/9780198529712.001.0001  
Item type: book Subject: Physics, History of Physics

The Shortt clock, made in the 1920s, is the most famous accurate clock pendulum ever known, having an accuracy of one second per year when kept at nearly constant temperature. Almost all of a ... More

Acids and Bases: Solvent Effects on Acid-Base Strength  
Brian G. Cox

# Search for E-books by Subject (3/5)

- Click “[ + ]” to the left of subject > Choose subject and click book title



The screenshot displays a library search interface. On the left, a sidebar titled "Narrow Your Choices" contains several sections: "AVAILABILITY" with checkboxes for Unlocked, Free, Open Access, and Restricted; "REFINE SEARCH" with a "Recently Published" option; "EXPAND YOUR SEARCH" with a link to "See results from UPSO (455)"; and "REFINE BY BROWSE BY SUBJECT" with a list of subjects. The "Physics" subject is highlighted with a yellow circle. The main area shows search results for physics books, including "Accurate Clock Pendulums", "Acids and Bases: Solvent Effects on Acid-Base Strength", "Acoustic Microscopy: Second Edition", and "Advanced Data Assimilation for Geosciences: Lecture Notes of the Les Houches School of Physics: Special Issue, June 2012".

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- Nuclear and Plasma Physics (11)
- Particle Physics / Astrophysics / Cosmology (74)
- Soft Matter / Biological Physics (27)
- Theoretical, Computational, and Statistical Physics (98)

**Accurate Clock Pendulums**

ISBN: 9780198529712 eISBN: 9780191712791 DOI: 10.1093/acprof:oso/9780198529712.001.0001  
Item type: book  
Subject: Physics, History of Physics

The Shortt clock, made in the 1920s, is the most famous accurate clock pendulum ever known, having an accuracy of one second per year when kept at nearly constant temperature. Almost all of a ... **More**

**Acids and Bases: Solvent Effects on Acid-Base Strength**

Brian G. Cox

Published in print: 2013 Published Online: May 2013 Publisher: Oxford University Press  
ISBN: 9780199670512 eISBN: 9780199670512 DOI: 10.1093/acprof:oso/9780199670512.001.0001  
Item type: book  
Subject: Physics, Condensed Matter Physics / Materials

Acids and bases are ubiquitous in chemistry. Our understanding of them, however, is dominated by their behaviour in water. Transfer to non-aqueous solvents leads to profound changes in acid-base ... **More**

**Acoustic Microscopy: Second Edition**

Andrew Briggs and Oleg Kolosov

Published in print: 2009 Published Online: February 2010 Publisher: Oxford University Press  
ISBN: 9780199232734 eISBN: 9780191716355 DOI: 10.1093/acprof:oso/9780199232734.001.0001  
Item type: book  
Subject: Physics, Condensed Matter Physics / Materials

Acoustic microscopy enables you to image and measure the elastic properties of materials with the resolution of a good microscope. By using frequencies in the microwave range, it is possible to make ... **More**

**Advanced Data Assimilation for Geosciences: Lecture Notes of the Les Houches School of Physics: Special Issue, June 2012**

Éric Blayo, Marc Bocquet, Emmanuel Cosme, and Leticia F. Cugliandolo (eds)

Published in print: 2014 Published Online: March 2015 Publisher: Oxford University Press  
ISBN: 9780198723844 eISBN: 9780191791185 DOI: 10.1093/acprof:oso/9780198723844.001.0001  
Item type: book  
Subject: Physics, Geophysics, Atmospheric and Environmental Physics

This book gathers notes from lectures and seminars given during a three-week school on theoretical and applied data assimilation held in Les Houches in 2012. Data assimilation aims at determining as

# Search for E-books by Subject (4/5)

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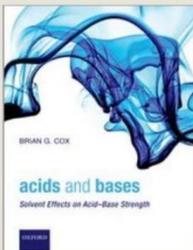
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**Acids and Bases: Solvent Effects on Acid-Base Strength**  
Brian G. Cox

**ABSTRACT**  
Acids and bases are ubiquitous in chemistry. Our understanding of them, however, is dominated by their behaviour in water. Transfer to non-aqueous solvents leads to profound changes in acid-base strengths and to the rates and equilibria of many processes: for example, synthetic reactions involving acids, bases, and nucleophiles; isolation of pharmaceutical actives through salt formation; formation of zwitter-ions in amino acids; and chromatographic separation of substrates. This book seeks to enhance our understanding of acids and bases by reviewing and analysing their behaviour in non-aqueous ... [More](#)

**KEYWORDS:** acids, bases, solvent effects, protic solvents, aprotic solvents, dissociation constants, pKa-values, ion solvation, carbon acids, salt formation

**BIBLIOGRAPHIC INFORMATION**  
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1 Introduction

2 Acid-Base Equilibria: Quantitative Treatment

3 Solvation and Acid-Base Strength

4 Determination of Dissociation Constants

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- Titles are available in HTML or PDF format

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Contents

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2 Acid-Base Equilibria: Quantitative Treatment

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7 Low-Basicity and Low-Polarity Aprotic Solvents

8 Acid-Base Equilibria and Salt Formation

9 Appendices: Dissociation Constants in Methanol and Aprotic Solvents

[+] END MATTER

Acids and Bases: Solvent Effects on Acid-Base Strength

Brian G. Cox

Print publication date: 2013  
Print ISBN-13: 9780199670512  
Published to Oxford Scholarship Online: May 2013  
DOI: 10.1093/acprof:oso/9780199670512.001.0001

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Introduction

Brian G. Cox

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[-] Abstract and Keywords

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