eBooks
Discoverability
Empowering Usage

ScienceDirect

Presented by Pavel Milasevic
eBooks solutions manager

Date 12th and 13th June 2018
Agenda

Intro to ELSEVIER & eBooks
Just like the evolution of man, there has been an evolution of books over time.
Lead the way in advancing science, technology and health

Galileo’s last and greatest work, published in 1638 by Elzevir, Discorsi e Dimostrazioni Matematiche
CHALLENGES: global academic institutions

RANKING & REPUTATION
- Ranking measurement
- Allocation of funding for research
- Expanding quality content
- International research collaboration

CONTENT & LIBRARY
- Systems to collect and analyse usage data
- Acquisitions based not on evidence or information
- Access to specialized – high impact content
Combining Technology and Reference Content to Shape the Future
Agenda

Intro to ELSEVIER & eBooks

Data Driven Approach
At Elsevier we **monitor and analyze the world’s research flows**, providing insights you need to keep your library and institution A STEP AHEAD and your researchers A STEP CLOSER to their goals.
Our Data Driven Approach

1) Identify users’ needs

2) Identify research gaps in areas that are growing fastest

3) Create wide range of content for the future

4) Make content accessible to meet the needs of users

5) Provide data and insights to libraries to fill in the gaps
Elsevier Provides Essential Reference Knowledge in All Growing Subjects

Key Research Areas of Focus:

- Core Engineering
- Materials Science
- Biomedical Engineering
- Bioscience & Translational Medicine
- Food Science
- Neuroscience and Psychology
- Earth & Environmental Science
- Energy
- Social Science
- Chemistry & Chemical Engineering
- Economics
An advantageous mix of content

ScienceDirect

**Reference Modules**
Hand-picked and regularly updated collections spark new lines of inquiry.

**Major Reference Works**
A wide-angle view of the existing body of knowledge creates a cross-disciplinary bridge.

**Journals**
Dynamic links on ScienceDirect deepen exploration into the latest research findings.

**eBooks/Monographs**
Sustained arguments help widen the sphere of investigation to forge new paths forward.

**Book & Handbook Series**
A comprehensive snapshot of the current state of research offers fresh perspective.

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**Book & Handbook Series**
A comprehensive snapshot of the current state of research offers fresh perspective.
ScienceDirect for eBooks ....2007 till today June 2018

Since 2007, Elsevier has been adding books to the ScienceDirect platform so that researchers and students can access the highly regarded book content in an electronic environment.

Cumulative number of books published on ScienceDirect
Agenda

Intro to ELSEVIER & eBooks

Data Driven Approach

Research Trends
Trend of Top-5 Published Articles per Subject Area

Journal FTA Usage 2016

- Medicine and Dentistry
- Biochemistry, Genetics and...
- Chemistry
- Environmental Science
- Engineering
- Materials Science
- Agricultural and Biological...
- Chemical Engineering
- Energy
- Pharmacology, Toxicology and...
- Social Sciences
- Physics and Astronomy
- Earth and Planetary Sciences
- Neuroscience
- Computer Science
- Immunology and Microbiology
- Psychology
- Business, Management and...
- Mathematics
- Decision Sciences
- Economics, Econometrics and...
- Veterinary Science and...
- Nursing and Health Professions
- Arts and Humanities
Article Output vs eBooks Usage

- Medicine and Dentistry
- Engineering
- Agricultural and Biological Sciences
- Physics and Astronomy
- Chemistry
- Biochemistry, Genetics and Molecular Biology
- Materials Science
- Mathematics
- Computer Science
- Chemical Engineering
- Environmental Science
- Social Sciences
- Pharmacology, Toxicology and Pharmaceutical Science
- Earth and Planetary Sciences
- Energy
- Immunology and Microbiology
- Neuroscience
- Business, Management and Accounting
- Nursing and Health Professions
- Veterinary Science and Veterinary Medicine
- Psychology
- Arts and Humanities
- Economics, Econometrics and Finance
- Decision Sciences
- Multidisciplinary

- Publications (% of total)
- eBooks Usage (% of total)
- eBooks Turnaways (% of total)
Agenda

Intro to ELSEVIER & eBooks

Data Driven Approach

Research Trends

Holdings: eBooks in Serbia
Understand What You Have

How to Incorporate It

How to Access It
Evidence Based Selection (EBS)

Before committing to purchasing a particular title, it often makes sense to gauge its popularity with your patrons. The Evidence Based Selection (EBS) model offers "try-before-you-buy" access to your choice of content. For a minimal up-front fee, you pick from 24 different subjects in science, technology and medicine. At year’s end, evaluate actual usage to determine what titles you’d like to keep. You receive perpetual access to those titles, up to the value of the initial EBS fee paid.

Features

- Choose the most valuable collections from across 24 subject areas in science, technology and medicine
- Discounted, one-time fee for 12 months of full access to the selected collections (DRM free), plus archival rights to hand-picked titles at the end of the year based on usage data

Details

- EBS grants one (1) year of subscription access to selected eBook collection(s). After 10-11 months, you can pick and choose to perpetually purchase individual titles up to value (in current list price) of the paid fees
Scope

• EBS – access on ScienceDirect to all eBook subject collections published in 2012 - 2017. (more than 100 subject collections, more than 5000 titles)

• Consortium institutions in Serbia get access to Elsevier eBooks.

• Broader content accessible : all 24 subject areas

• The eBook EBS collection provides published content tailored made to support breakthroughs in research.

• eBook EBS Collection provides archival right in line with the level of investment.
Evidence Based Selection

Existing Library
(before contract)

1-Year Access
(during contract)

Perpetual Ownership
(after contract)
Try before you buy – EBS Process

1. Select collections and gain access to them for 12 months, for a minimal, up-front fee

2. Review usage reports throughout the year

3. Pick and choose those titles you want to retain at the end of the period
What Makes Book Series on ScienceDirect the Perfect Compliment to Primary Research?

- Highly cited, high quality content and authorship
- Provides the methodologies or in-depth perspective researchers need
- Links to related monographs, reference works, and journal articles
- Instantly accessible to all users, all the time
- Powerful search and browse features
- Flexibility to download and print without restriction
- Increased discoverability and comprehensive usage reports
26,000 DRM-free titles across 24 subject areas

<table>
<thead>
<tr>
<th>2018 Frontlist Collection* (# of Titles)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural, Biological and Food Sciences</td>
<td>118</td>
<td>Immunology and Microbiology</td>
<td>22</td>
</tr>
<tr>
<td>Biochemistry, Genetics and Molecular Biology</td>
<td>48</td>
<td>Materials Science</td>
<td>131</td>
</tr>
<tr>
<td>Biomedical Science and Medicine</td>
<td>78</td>
<td>Mathematics</td>
<td>10</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>65</td>
<td>Neuroscience</td>
<td>56</td>
</tr>
<tr>
<td>Chemistry</td>
<td>47</td>
<td>Pharmacology, Toxicology and Pharmaceutical Science</td>
<td>38</td>
</tr>
<tr>
<td>Computer Science</td>
<td>7</td>
<td>Physics and Astronomy</td>
<td>4</td>
</tr>
<tr>
<td>Earth and Planetary Sciences</td>
<td>52</td>
<td>Psychology</td>
<td>28</td>
</tr>
<tr>
<td>Energy</td>
<td>86</td>
<td>Social Sciences</td>
<td>53</td>
</tr>
<tr>
<td>Engineering</td>
<td>197</td>
<td>Specialty Medicine</td>
<td>69</td>
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<tr>
<td>Environmental Science</td>
<td>38</td>
<td>Health Professions</td>
<td>9</td>
</tr>
<tr>
<td>Finance</td>
<td>25</td>
<td>Veterinary Medicine</td>
<td>7</td>
</tr>
<tr>
<td>Forensics, Security and Criminal Justice</td>
<td>25</td>
<td>Specialty Surgery</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total # of Titles</strong></td>
<td><strong>1254</strong></td>
<td></td>
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</tr>
</tbody>
</table>

*Estimated number of titles for each subject package. Official # of titles published cannot be confirmed until the end of the year due to publishing changes.
IESBS 2nd Edition:
New and Updated Coverage, and a more Representative Editorial Board
IESBS, 2nd edition updates reflect dominant trends in the social and behavioral sciences over the past two decades

The first edition of the International Encyclopedia of the Social and Behavioral Sciences was published in 2000

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Globalization</td>
<td>Enhanced international coverage and increased diversity of editors and authors, as well as the coverage of subject matter</td>
</tr>
<tr>
<td>Specialization vs. Integration</td>
<td>Entire sections of IESBS 2nd edition have been developed with interdisciplinarity as a central theme</td>
</tr>
<tr>
<td>Expert Curation</td>
<td>The authors and editors deployed in the creation of IESBS 2nd edition comprise a small army of some 10,000 scholars</td>
</tr>
<tr>
<td>Coverage of Applications</td>
<td>Increased coverage of practical applications throughout, equipping readers with applied knowledge alongside theory</td>
</tr>
<tr>
<td>Integration of Social and Biological Sciences</td>
<td>Sections include a balanced mix of both the social and biological sciences, as well as coverage of their interaction</td>
</tr>
</tbody>
</table>

It has generated nearly 7,000 citations and about two million “hits” on ScienceDirect since publication and has stood as the reference volume of choice in social and behavioral science for fifteen years.

Key New Sections:

Social Work
Gerontology and Aging
Life Course Studies
Sexuality
Criminology
Business, Marketing and Finance
Labor Studies
War, Peace, Violence and Conflict
Gay, Lesbian, Bisexual and Trans-sexual Studies
Applied Social and Behavioral Sciences

Over 90% of the content is new or updated, and the number of sections has increased from 39 to 54, to reflect disciplinary growth trends and support cutting edge research.
Contemporary psychology and cognate behavioral sciences coverage has been greatly expanded to reflect research growth

**Contemporary Psychology and Cognate Behavioral Sciences**

<table>
<thead>
<tr>
<th>Clinical Psychology</th>
<th>Memory: Cognitive and Neurosci. Aspects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied, Industrial and Org. Psychology</td>
<td>Linguistics A</td>
</tr>
<tr>
<td>Developmental Psychology</td>
<td>Linguistics B</td>
</tr>
<tr>
<td>Social Psychology</td>
<td>Neuroscience of Language</td>
</tr>
<tr>
<td>Personality Psychology</td>
<td>Behavioral Neuroscience</td>
</tr>
<tr>
<td>Motivational Psychology</td>
<td>Cognitive Neuroscience</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Cognitive Psychology</td>
</tr>
</tbody>
</table>
In comparison to the First Edition, the Second Edition provides:

IESBS incorporates comparative, cross-cultural, and international themes as well as perspectives into its research articles

- **33% more** nations represented in author base
- **3x** as many female editors
- **50% fewer** North American authors
- More international editorial board, author base, and more subject matter coverage

New countries represented on editorial board:

- Luxembourg
- Greece
- Finland
- Japan
- China
- Ireland
- Singapore
- Spain
- Russia
- Austria
- Israel
- Netherlands
In 2015, 785,309 search terms were used to discover IESBS...

...the top 367 terms used over 100 times provides to researchers seeking solutions.
Reference Modules:
Hand-picked and regularly updated collections that spark new lines of inquiry
Reference Modules Subject Areas

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Articles</th>
<th>Images</th>
<th># of MRWs cited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry, Molecular Sciences and Engineering</td>
<td>4,700+</td>
<td>50,000+</td>
<td>22</td>
</tr>
<tr>
<td>Earth Systems and Environmental Sciences</td>
<td>4,500+</td>
<td>9,000+</td>
<td>TBD</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>5,000+</td>
<td>1,200+</td>
<td>13</td>
</tr>
<tr>
<td>Materials Science and Materials Engineering</td>
<td>2500+</td>
<td>1,200+</td>
<td>13</td>
</tr>
<tr>
<td>Food Sciences</td>
<td>2,370+</td>
<td>7,500+</td>
<td>8</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>2,900+</td>
<td>13,000+</td>
<td>12</td>
</tr>
<tr>
<td>Neuroscience and Biobehavioral Psychology</td>
<td>3,900+</td>
<td>16,000+</td>
<td>20</td>
</tr>
</tbody>
</table>

“The reorganization of content from multiple works into a single topic-based hierarchy not only makes articles easy to find but also means the collection is more searchable. **Users don't have to guess which encyclopedia to look in** as they can simply click on the relevant topic.”

*Library Journal review of Reference Module in Biomedical Sciences*
Reference Modules are the one-stop subject solution

1. **Continuously advancing**
   Content is continuously reviewed, updated, commissioned, and date-stamped.

2. **Authoritative**
   Each Reference Module is overseen by an expert editorial board appointed for their stature in their field.

3. **Cohesive**
   Covering all areas of the field, the Reference Modules provide understanding of the whole spectrum of the subject, essential for researchers and scholars working across multiple disciplines.

4. **On ScienceDirect**
   Links to relevant journal articles and book chapters on ScienceDirect for additional information and further research are included. Reference Modules are a primer for advancing research.
Click through to a world of trusted content

See the time stamp, indicating the most recent review of the article

Click through the subject taxonomy to see the subject matter available
Book and Handbook Series:
A comprehensive snapshot of the current state of research, offering a fresh perspective
Series provide comprehensive knowledge on current research
Over 5,000 research volumes, with 1,000+ book titles from 2010–2017

30 are in the top 2 quartiles of their Impact Factor category

- Methods in Enzymology
- Physics & Astronomy
- Chemistry
- Engineering
- Psychology
- Life Sciences
- Biochemistry, Genetics and Molecular Biology
- Agricultural and Biological Sciences
- Immunology and Microbiology
- Neuroscience
- Pharmacology, Toxicology and Pharmaceutical
Prestigious editors and strong impact factors indicate value of content and publishing strategy

Serials: High-demand titles

- **Advances in Organometallic Chemistry**
  - Citescore: 3.76
  - Editor now a fellow at the Royal Society of Chemistry, U.K.

- **Advances in Parasitology**
  - Citescore: 4.71
  - Editors based at the Natural History Museum, U.K. and Liverpool School of medicine, UK

- **Advances in Immunology**
  - Citescore: 6.37
  - Editor based at Harvard, U.S.

- **Advances in Agronomy**
  - Citescore: 4.63
  - 2015 American Chemistry Society Geochemistry Award

- **Methods in Enzymology**
  - Citescore: 1.83
  - Editors from Yale University and University of Pennsylvania
# Book Series and Handbooks pricing models

<table>
<thead>
<tr>
<th>Current Subscription</th>
<th>Intermediate Backfile (IBF)</th>
<th>Backfile</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Access to current year + 4 previous years</td>
<td>• Access to years in between current subscription and backfile</td>
<td>• Pre-2000 content.</td>
</tr>
<tr>
<td>• Full archival rights from Day 1</td>
<td>• Onetime purchase</td>
<td>• Access goes back to Vol. 1</td>
</tr>
<tr>
<td>• Available in collections or at the individual title level</td>
<td></td>
<td>• Onetime purchase</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Available in collections or at the individual title level</td>
</tr>
</tbody>
</table>

- Current Subscription (Current +4 years back) + Intermediate Backfile + Backfile (Pre-2000 back to Vol. 1)
New Book Series

Providing the latest information in advancing and emerging trends

**Advances in Food Security and Sustainability**
Edited by Professor David Barling (University of Hertfordshire, UK) 1st volume published

Covers a wide range of issues related to the principles and practices of food sustainability and security, exploring challenges related to protecting environmental resources while meeting human nutritional requirements.

**Advances in Bioenergy**
Edited by Professor Yebo Li (Ohio State University, USA) and Xumeng Ge (Ohio State University, USA)

Will explore the scientific, technological, social and economic impacts and constraints of biofuels and bioenergy. Covering all aspects of development, storage, distribution, safety, complications, and challenges.

**Stratigraphy and Timescales**
Edited by Dr Michael Montenari (Keele University, UK) 1st volume publishing December 2016

Stratigraphy and Timescales covers current research across a wide range of stratigraphic disciplines, providing information on recent developments for the geoscientific research community.
New: Advances in Food Security and Sustainability

Series Overview

• Takes a scientific look at the challenges, constraints, and solutions necessary to maintain a healthy and accessible food supply in different communities around the world

• Explores the challenges related to protecting environmental resources while meeting human nutritional requirements

• Advances in Food Security & Sustainability publishes timely reviews on recent research in the field

SERIES EDITOR:

David Barling
The Centre for Agriculture, Food & Environmental Management, School of Life & Medical Sciences, University of Hertfordshire, UK
Methods in Enzymology
Methods in Enzymology is the Perfect Complement to Primary Research

The critically acclaimed gold standard of laboratory practices and the most highly respected publications in the molecular biosciences

Nearly 600 Volumes published from 1955-2017

#1 most downloaded and used ebook series on ScienceDirect

One of the most highly respected publications in the field of biochemistry and molecular biosciences
High-Profile Contributors and Authors

66 Nobel Laureates have contributed to the Methods in Enzymology series, including five of the nine 2013 Nobel Laureate winners in Physiology, Chemistry and Physics

Contributors and Authors
Arieh Warshel
James E. Rothman
Martin Karplus
Randy W. Schekman
Sir John B. Gurdon
Thomas C. Sudhof
Jack W. Szostak
Ralph M. Steinman
Avram Hershko
Peter Agre
Roger D. Kornberg
Osamu Shimomura
Includes Key Experimental Protocols

Sample of Protocols with details on techniques critical knowledge for researchers in life sciences

• Separation and purification of the enzyme, enzyme kinetics mechanism
• Transgenic, RNA interference, microarray, gene therapy
• Crystallization of biological macromolecules, sequencing analysis of biomolecules
• Cell Culture
• Immunochemistry
• Cell Signal Transduction Technology
• Nuclear magnetic resonance, laser capture microscopy, confocal microscopy
• Genomics, proteomics, metabolomics, functional glycomics
• High performance liquid chromatography, mass spectrometry
• Computer simulation, drug design, drug and nucleic acid interactions, protein-protein interactions
• research techniques about Mouse developmental biology
• Biosynthesis of natural products
• Stem cell and tissue culture techniques
• Study important diseases such as: cancer, diabetes
Chemical Engineering

Interfacial Phenomena by J.T. Davies and E.K. Rideal

The Corrosion Guide
Erich Rabald

Adsorptive Bubble Separation Techniques
Robert Lemlich

Over the Counter Pharmaceutical Formulations
David D. Braun

Flow Visualization
Wolfgang Merzkirch
Chemistry of Energetic Materials
George A. Olah is the primary editor
Recipient: 1994 Nobel Prize in Chemistry

“In this one book are contributions from three Nobel Laureates and seven members of the National Academy of Science which speaks for itself that this is a very active field of fundamental science with far reaching practical importance.”

— George A. Olah, 1994 Nobel Laureate in Chemistry and Founding Director of the USC Loker Hydrocarbon Research Institute
Materials Science

Handbook of Carbon, Graphite, Diamonds and Fullerenes
Distinguished teacher and engineer
Hugh O. Pierson

Second edition of the: Epoxy Resins, Curing Agents, Compounds, and Modifiers
Ernest W. Flick
Physics and Astronomy

Titles by 1962 Nobel Prize Winner in Physics:
Lev Davidovich Landau
Statistical Physics
Quantum Mechanics
Theory of Elasticity

The collection includes the bestselling book:
Quantum Mechanics
Landau and Lifshitz
Energy

Nobel Prize winners and experts in nuclear power, including:

**Energy Storage**

J. Hans D. Jensen

*Recipient of the Nobel Prize in Physics, 1963*

**Nuclear Reactor Kinetics and Control**

Jeffrey Lewins

Specializes in the application and interpretation of mathematical methods to nuclear power problems
Early Research in Critical Areas:
**Aquatic Pollutants: Transformation and Biological Effects**
by
**O. Hutzinger**
Dedicated his career to chemical substance and its interaction with the environment and humans

**Iceberg Utilization**
by
**A.A. Husseiny**
An accounting of the first international conference and workshops on iceberg utilization for fresh water production and weather
Groundbreaking work from the 1970’s and 1980’s, including:

**Paediatric Neurology**

Ingrid Gamstorp

Instrumental founder of the International Child Neurology Association

**Neurotrauma: Treatment, Rehabilitation, and Related Issues**

Michael E. Miner

Including chapters on acute treatment of brain injury and post acute and rehabilitation methods
Psychology

**Sex Facts and Attitudes**  
*Marion O. Lerrigo*  
Forefront in researching the topic of sex and development in young children and adolescents

**Psychology, Psychiatry, and Chronic Pain**  
*Stephen P. Tyrer*  
Delves into the basic concepts and classifications of pain and further assessment techniques
Social Science

Managing for Results
Peter F. Drucker
Writings contributed to the philosophical and practical foundations of today’s modern business corporation

Papers in Economics and Sociology
Oskar Lange
Most known for advocating the use of market pricing tools in socialist systems and providing a model of market socialism
What’s have been done?

What truly works?

How to implement it?

3MiM: 3 months IMPACT measurement
Display your eBooks investment

Available Tools and Resources

- **Printable flyers and posters** to help you promote your ScienceDirect eBooks collection within your library.

- An **editable email template** to share tutorials and raise awareness of available content.

- **Web banners** to help promote ScienceDirect Books on your library's website.

- Online **training webinars**

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http://onlinebooksconnect.elsevier.com/articles/useful-tools-for-your-library
Videos

- Share this Video Tutorial: Navigating Reference Modules on ScienceDirect
- Share this Video to Promote Your Books on ScienceDirect Collection
- Share this Video to Promote Using ScienceDirect eBooks in the Classroom
- Share this Video Tutorial: What do you have access to on ScienceDirect?

Tutorials, including instructions

- Guide on how to order MARC records
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- Tips and Tricks for Navigating Reference Modules on ScienceDirect
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As a librarian, you have a critical role in empowering your organization and library users — to access and create research with a lasting impact, and to educate the next generation of scholars, researchers and practitioners. On this page you will find links to resources that will support you in these goals.

Quick links
- Books & journals
- Products & solutions
- Library Connect newsletter & webinars

https://www.elsevier.com/librarians

Librarian Hub
News & community

- Advice from a Librarian: Informio Instruction
- What’s trending in Food Science
- What’s trending in Chemistry and C Engineering
- Top books coming to ScienceDirect Sciences

Read more news and articles

Science, technology & health communities

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- Atlas
- Customer Preference Center (email alerts)
- Chemicals & Materials Now!

Information literacy

Discover free resources available to use in your information literacy curriculum and to promote your library resources online and within the library.

- Elsevier Publishing Campus
- Elsevier Web Shop (paid author services)
- Engineering Village toolkit
- Journals Consult librarian resource toolkit
- Engineering Academic Challenge
- Pure brochure
- ScienceDirect brochures, promotional materials & toolkit
- ScienceDirect Books promotional materials and toolkit
- SciVal factsheet, guidebooks and videos
- Scopus promotional materials & toolkit

Professional development

Learn about the latest topics in library and information science, and share information with other Library and Information Science professionals around the world.

- Chandos Information Professional Books
- Library Connect – newsletter, webinars
- Library and information science journals
- Mendeley Certification Program for Librarians
Materials for your institution

• Links to STAY CONNECTED via Social Media

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KBART Collections Reports
Holdings Reports
COUNTER-compliant Usage Reports

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   • Alerts

3: Searching scientific literature online (platform)
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   • Advanced search
   • Expert search
   • Recommendations

4: Obtaining in-depth knowledge on a subject (content & platform)
   • Recommendations
   • Books
   • Reference Modules

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  - Save and re-execute **personal search queries**
  - Obtain **search updates via email**
  - **Schedule alerts** for document citations
  - Receive **table of contents via email** for new journal issues
  - Enable search history to **automatically save searches**
  - Create a **personal list of favorite titles**
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(Book)
Kampen, Niels G. van
Institute of Theoretical Physics, University of Utrecht, Netherlands

Abstract

The third edition of Van Kampen's standard work has been revised and updated. The main difference with the second edition is that the contrived application of the quantum master equation in section 6 of chapter XVII has been replaced with a satisfactory treatment of quantum fluctuations. Apart from that throughout the text corrections have been made and a number of references to later developments have been included. From the recent textbooks the following are the most relevant. C.W.Gardiner, Quantum Optics (Springer, Berlin 1991) D.T. Gillespie, Markov Processes (Academic Press, San Diego 1992) W.T. Coffey, Yu.P.Kalmykov, and J.T.Waldron, The Langevin Equation (2nd edition, World Scientific, 2004) * Comprehensive coverage of fluctuations and stochastic methods for describing them * A must for students and researchers in applied mathematics, physics and physical chemistry. © © 2007 Elsevier B.V. All rights reserved.

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We previously reported that some main olfactory bulb (MOB) mitral/tufted (M/T) cells send a direct projection to the "vomeronasal amygdala" in female mice and selectively respond to volatile male mouse urinary odors. We asked whether MOB M/T cells that project to the vomeronasal amygdala exist in male mice and whether there is a sexually dimorphic response of these neurons to volatile male urinary pheromones.

Gonadectomized male and female mice received bilateral injections of the retrograde
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*From Social Anxiety (Third Edition), 2014*

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- **Amygdala**
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- **Amygdala**
  - Deniz M. Yilmazer-Hanke, in The Human Nervous System (Third Edition), 2012
  - The human amygdala is a high-order limbic brain region almost exclusively of telencephalic origin, which is located in the mesiotemporal region and extends into the basal forebrain. It is a nuclear complex composed of cell groups sharing similarities with neurons in the cerebral cortex, striatum, pallidum, anterior

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Source: Communispace survey of 150 users (students to senior researchers) conducted for S&T Books in October 2014
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