

# ScienceDirect

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## What is ScienceDirect?

- A repository of full texts from peer-reviewed sources – journals and books/ebooks
- It contains ca. 24% of all published articles
- Four main areas:
  - Physical Sciences and Engineering
  - Life Sciences
  - Health Sciences
  - Social Sciences

## ScienceDirect Coverage

- Journals:
  - > 3800 active journals – more than 500 are published as Open Access and 1700 have optional Open Access
  - Over 14 millions of articles
  - The oldest paper - 1823 (The Lancet)
- Books and book series:
  - More than 35 000 titles
  - Monographs, textbooks and other
- Access *via* web browser at [www.sciencedirect.com](http://www.sciencedirect.com)

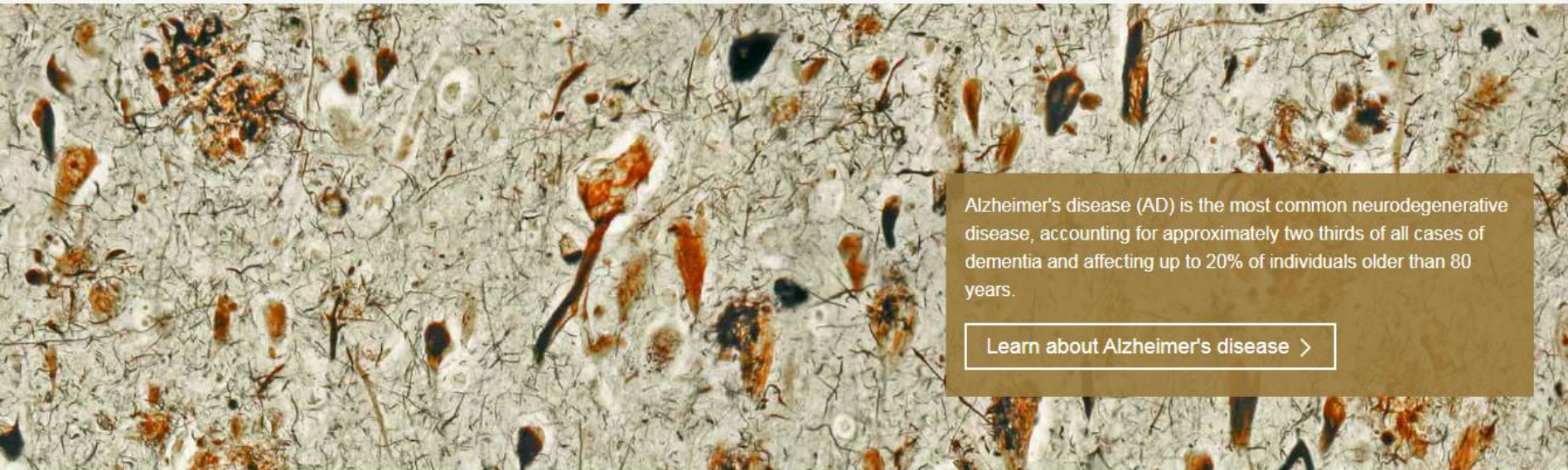
ScienceDirect

Journals

Books

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Search for peer-reviewed journals, articles, book chapters and [open access](#) content.

[Advanced search](#) new

# Simple search

www.sciencedirect.com

Search for peer-reviewed journals, articles, book chapters and [open access](#) content.

<input type="text" value="Keywords"/>	<input type="text" value="Author name"/>	<input type="text" value="Journal/book title"/>	<input type="text" value="Volume"/>	<input type="text" value="Issue"/>	<input type="text" value="Pages"/>	<input type="submit" value="Search"/>
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[Advanced search](#)

- Can be used for a quick search
- The results are very vast
  - May require use of filters on the results
- Allows to quickly locate a given journal or book
- Allows to jump to open access content instantly

## Advanced search – old version, still available

**All** Journals Books Reference Works Images **Advanced search** | [Expert search](#)

[? Search tips](#)

**Search for**  
 in **All Fields** ▼  
**AND** ▼  
 in **All Fields** ▼

**Refine your search**

☒ Journals  
☒ Books

☒ All  
☐ My Favorites  
☐ Subscribed publications  
☐ Open Access articles

- All Sciences -  
Agricultural and Biological Sciences  
Arts and Humanities  
Biochemistry, Genetics and Molecular Biology

Hold down the Ctrl key (or Apple Key) to select multiple entries.

☒ All Years ☐ 2007 ▼ to: Present ▼

**Search**

## Expert search - old version, still available

**All** Journals Books Reference Works Images

Advanced search | Expert search

? Search tips

Search for (Enter terms using Boolean connectors e.g. "heart attack" AND stress)

**Refine your search**

☒ Journals ☒ All

☒ Books ☐ My Favorites

☐ Subscribed publications

☐ Open Access articles

- All Sciences -

Agricultural and Biological Sciences

Arts and Humanities

Biochemistry, Genetics and Molecular Biology

Hold down the Ctrl key (or Apple Key) to select multiple entries.

☒ All Years ☐ 2007 ▼ to: Present ▼

Search



# Advanced search – new form

ScienceDirect

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## Advanced Search new

All of the fields are optional.

Find out [more](#) about the new advanced search.

Find articles with these words

Health Safety Environment

By these authors

In this journal or book title

Year

Volume

Issue

Page

With words in title, abstract or keywords

DOI, ISSN or ISBN

Show these article types

☐ Review articles

☐ Correspondence

☐ Patent reports

## Advanced search – quotation marks (” ”)

Let's say we're looking for information on **heart attack**

- **Heart attack** → the results will include all works (articles and books) which have **both** words occurring in them
  - even if they are far away from each other;
  - the results are the same as for a search phrase **heart AND attack**
- **„Heart attack”** → the results will include all works which have words heart and attack next to each other in exactly the given order (exact search)
- **„Heart att\*”** → the results will include all works which have a phrase starting with „heart” followed by any word beginning with „att”,
  - i.e. attack, attribute, attractive, attentive etc.
- **Punctuation is ignored** (heart-attack = heart attack) and both **singular and plural forms** are included, as well as **typical variations in spelling** (color = colour = colors = colours)

## Advanced search – brackets {}

Entering the search phrase in brackets {} allows you to find the search terms only in records where they appear next to each other:

- {heart attack} – the results include all documents in which the exact phrase **heart attack** is present
- Wildcards are respected:
  - Local wildcard - ? – replaces a single character:  
{heart?} – will return results including heart, hearts, hearty etc.
  - General wildcard - \* - replaces zero or more characters:  
{h\*r\*t} – will find **heart**, **harvest**, **homograft**, **hypervalent** itp.
- Punctuation is NOT ignored (heart-attack != heart attack)
- Both singular and plural forms are included, as well as typical variations in spelling (color = colour = colors = colours)

## Search - operators

<b>AND</b>	When AND is used, all of the terms in your search must appear in the returned documents, even if the terms are far apart from each other. Note: AND is the default connector (heart attack) = (heart AND attack)
<b>OR</b>	Use OR when at least one of your search terms must appear in returned documents. You can use OR to search for synonyms, alternate spellings, or abbreviations.
<b>AND NOT</b>	Use AND NOT to exclude specific terms from returned documents. Example: ganglia OR tumor AND NOT malignant would find documents that contained the terms ganglia or tumor, but not the term malignant.
<b>W/n</b>	Use W/n to specify how far apart terms may appear in documents. W represents "within", and <b>n</b> represents the maximum number of words between the terms. Note: W/n does not specify the word order. Either word may appear first.
<b>PRE/n</b>	Use PRE/n to find documents in which the first term precedes the second term within a specified number ( <b>n</b> ) of words. Example: behavioral PRE/3 disturbances would find documents in which behavioral precedes disturbances by three or fewer words.

## Search -opertaors

- Suggestions to the usage of W/n
  - To find terms in the same phrase, use W/3, W/4, or W/5
  - To find terms in the same sentence, use W/15
  - To find terms in the same paragraph, use W/50
- Connector Guidelines
  - If you use two or more of the same connector, they are processed from left to right
  - Use parentheses to change the connector priority. Connectors inside parentheses have priority over, or operate before, connectors used outside parentheses. Terms in parentheses are processed in the same order that they are input.
    - Example     The search (morphine AND ganglia) OR tumor is processed in the following order:
      - Articles that contain "morphine" and " ganglia" are found.
      - Then, within those articles, articles that contain "tumor " are found.

## Search -operators

- Connector Guidelines II
  - Do not mix the W and PRE connectors in the same expression.
    - *Example*    *bay W/6 ship PRE/0 channel is an invalid search because it uses both the W/n and PRE/n connectors.*
  - Do not use the OR connector in the same expression as a W or PRE connector.
    - *Example*    *bay W/6 ship OR channel is an invalid search.*
  - You can use parentheses to include different operators or use OR in the same search.
    - *Example*    *title-abs-key((b?y W/6 ship\*) AND (ship\* PRE/0 channel))*
    - *title-abs-key((bay W/6 ship) OR channel)*

# Image search

The screenshot shows the ScienceDirect search interface with the 'Images' tab selected. At the top, there are tabs for 'All', 'Journals', 'Books', 'Reference Works', and 'Images'. To the right of these tabs are links for 'Advanced search' and 'Expert search'. Below the tabs, there is a search area with two input fields for search terms, each followed by an 'in' label and a dropdown menu set to 'Images'. Between the search fields is a dropdown menu set to 'AND'. Below the search fields is a 'Limit To' section with checkboxes for 'Figures' and 'Videos'. Underneath is a 'Subject' section with a dropdown menu showing a list of subjects: '- All Sciences -', 'Agricultural and Biological Sciences', 'Arts and Humanities', and 'Biochemistry, Genetics and Molecular Biology'. To the right of the subject dropdown is a note: 'Hold down the Ctrl key (or Apple Key) to select multiple entries.' At the bottom, there is a 'Date Range' section with radio buttons for 'All Years' (selected) and a date range selector set to '2007' to 'Present'. A 'Search' button is located at the bottom left of the search area.

All Journals Books Reference Works **Images** Advanced search | Expert search

? Search tips

**Search:**

in **Images** ▼

**AND** ▼

in **Images** ▼

**Limit To**

☐ Figures ☐ Videos

**Subject** (select one or more)

- All Sciences -  
Agricultural and Biological Sciences  
Arts and Humanities  
Biochemistry, Genetics and Molecular Biology

Hold down the Ctrl key (or Apple Key) to select multiple entries.

**Date Range**

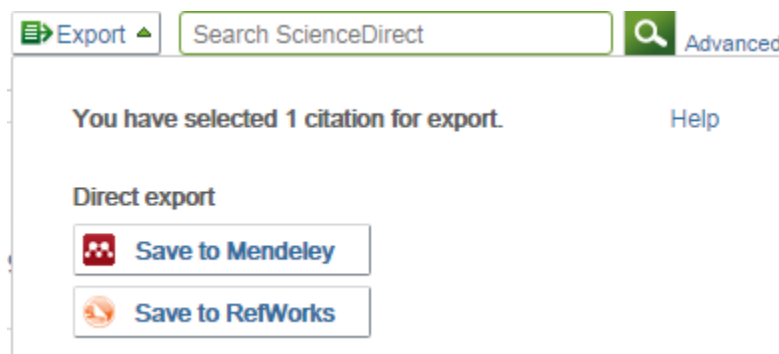
☒ All Years ☐ 2007 ▼ to: Present ▼

**Search**

- ScienceDirect allows you to search images and/or videos from the documents;
- Find easily all images, including figures, corresponding to a given keyword;
- The results is a list of figures and images excerpt from the documents;
- Each result is linked to the original document.

## Useful information

- Registration:
  - Allows to gain remote access
  - Allows to create alerts
  - One account for all Elsevier products (Scopus, Mendeley, Reaxys etc.)
- Complete integration with Mendeley, RefWorks
- Image search is available
- Version for mobile devices





# Refine search results

ScienceDirect

Journals

Books

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lean management practice

Author name

Journal/book title

Volume

Issue

Pages



Advanced search

28,276 results

Refine by:

Years

☐ 2018 (81)☐ 2017 (2,126)☐ 2016 (2,164)

Show more

Article type

☐ Review articles (2,826)☐ Original research (15,413)☐ Encyclopedia (438)☐ Book chapters (5,771)

Show more

Publication title

☐ International Journal of Production Economics☐ Download selected articlessorted by *relevance* | *date*☐ **Lean** supply chain **management**: Empirical research on **practices**, contexts and performance

Original research article

International Journal of Production Economics, Volume 193, November 2017, Pages 98-112

Guilherme Luz Tortorella, Rogério Miorando, Giuliano Marodin

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Procedia Engineering, Volume 164, 2016, Pages 567-574

Matti Tauriainen, Pasi Marttinen, Bhargav Dave, Lauri Koskela

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☐ Mirages of **Lean** Manufacturing in **Practice**

Open access, Original research article

Procedia Engineering, Volume 182, 2017, Pages 780-785

Magdalena K. Wyrwicka, Beata Mrugalska

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Feedback

# Search results

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Search ScienceDirect



Advanced

Outline

Highlights

Abstract

Keywords

1. Introduction

2. What is complexity?

3. Research design

4. Results

5. Conclusions

References

Vitae

Show full outline ▾



## Journal of Manufacturing Systems

Volume 45, October 2017, Pages 135-148



Review

### Lean production in complex socio-technical systems: A systematic literature review

Marlon Soliman , Tarcisio Abreu Saurin

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<https://doi.org/10.1016/j.jmsy.2017.09.002>[Get rights and content](#)

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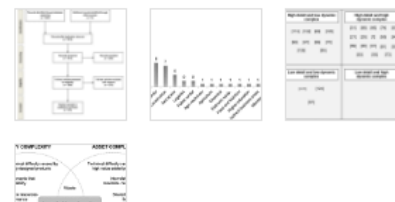
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### Highlights

- Complexity has not been properly addressed in Lean Production implementations.
- The analytical approaches to Lean Production are, in general, unfit to complexity.

Feedback

# Journal pages

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Journals

Books

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Keywords

Author name

Acta Materialia

Volume

Issue

Pages

Advanced search new

## Acta Materialia

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microstructure relaxation of  
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interface dynamics and  
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pp. 1–508 (15 April 2018)

Volume 147  
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# Search examples

## Example 1

„I carry out research on diabetes and I'm looking for information on metformin. A colleague mentioned that he found an interesting paper in The Lancet Diabetes & Endocrinology. I want to read those articles but I don't have full access to the journal, so I am only interested in the Open Access papers.”

## Example 2

„I am looking for journal articles in connection with the environmental impact of tourism published in the last 3 years. Additionally The publications have to be related to Europe and I would like to receive alerts if a new article appears.”

Advanced search:

- (tourism w/5 "environmental impact") AND (europe)
- Journals
- 2015 to Present

## Example 3

„A friend mentioned that honey can be dangerous to infants because of botulism. He asked me to look at it.”

Advanced search:

- (botulism pre/3 infants) AND (honey)
- Journal, Books?

## Example 4

„I am looking for the relationship between sunshine and depression, but I am not interested in those publications that involves suicide.”

Advanced search:

- (sunshine) w/15 (depression) and not (suicide)
- journals



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In Hungarian

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