



## **Módulo 2: Pesquisa de literatura científica e técnica**

### **2.1 – Técnicas de pesquisa bibliográfica**

- Restringir resultados
- Ampliar resultados
- Combinação de técnicas

# Técnicas de pesquisa bibliográfica



# Técnicas de pesquisa bibliográfica

Sistemas de  
pesquisa

# Técnicas de pesquisa bibliográfica

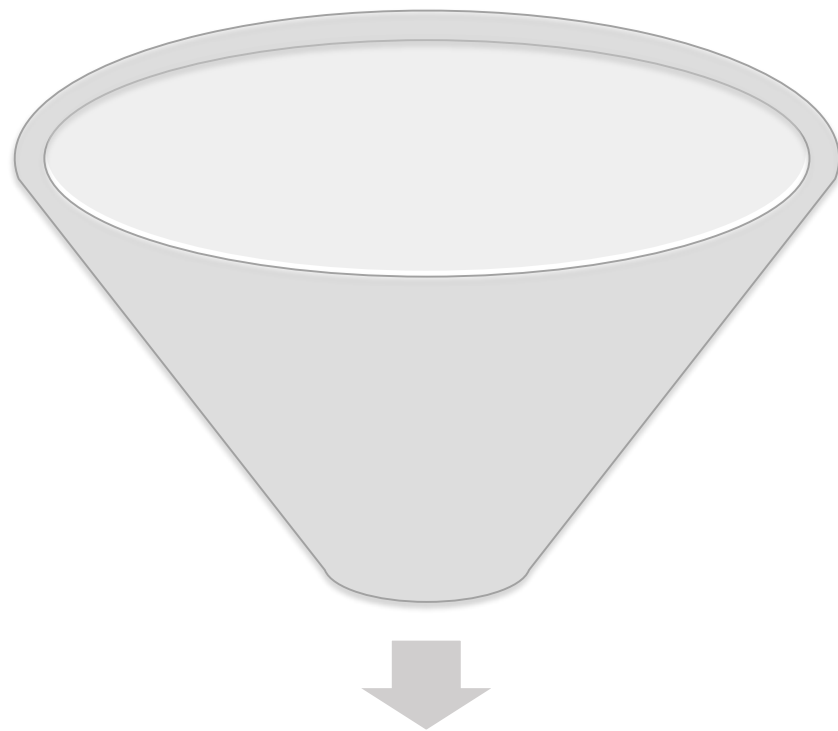
Sistemas de  
pesquisa

Técnicas de  
pesquisa

# Técnicas de pesquisa bibliográfica

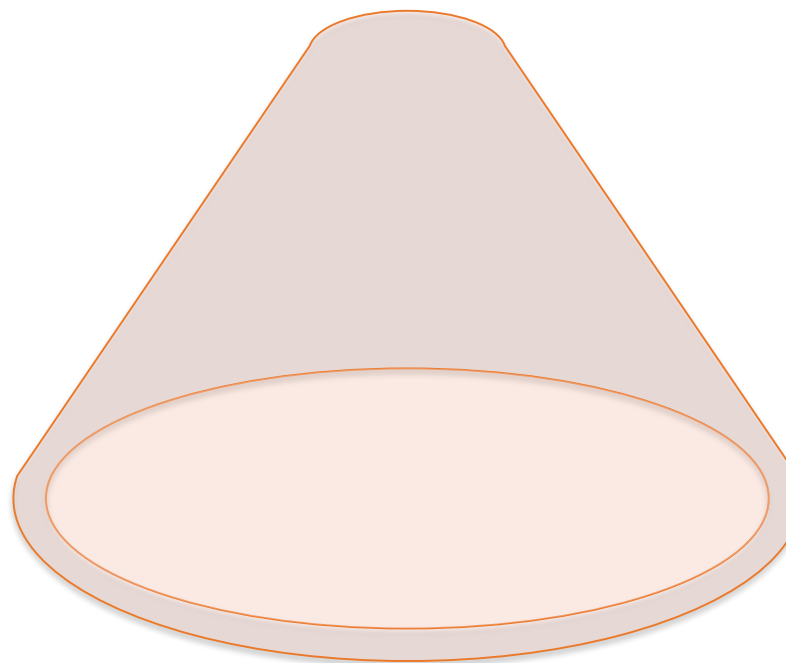


# Técnicas de pesquisa bibliográfica



Restringir

Ampliar





# Restringir resultados

A<sub>1</sub> L<sub>1</sub> L<sub>1</sub>

Y<sub>4</sub> O<sub>1</sub> U<sub>1</sub>

N<sub>1</sub> E<sub>1</sub> E<sub>1</sub> D<sub>2</sub>

I<sub>1</sub> S<sub>1</sub>

L<sub>1</sub> E<sub>1</sub> S<sub>1</sub> S<sub>1</sub>



# Restringir resultados

## Operador booleano AND

Find articles with these terms

☐ Download selected articles  relevance | date

☐ Research article ● Full text access

1 **Chemical** characterization of anemia-inducing aniline-related **substances** and their application to the construction of a decision tree-based anemia prediction model

Food and **Chemical** Toxicology, 9 September 2021, ...  
Takaho Asai, Jun-ichi Takeshita, ... Kouichi Yoshinari

Abstract

☐ Research article ● Open access

2 Non-targeted identification of unknown **chemical** hazardous **substances** in infant teether toys by gas chromatography-Orbitrap high resolution mass spectrometry

Ecotoxicology and Environmental Safety, 19 August 2021, ...  
Yahui Liu, Lili Tong, ... Qing Lv

Abstract

Para que  
serve


Pesquisar dois (ou mais) termos





# Restringir resultados


## Operador booleano AND

Find articles with these terms


**chemical AND substance** 

☐  Download selected articles    Export   *relevance | date*

☐ Research article ● Full text access

1 **Chemical** characterization of anemia-inducing aniline-related **substances** and their application to the construction of a decision tree-based anemia prediction model  
Food and **Chemical** Toxicology, 9 September 2021, ...  
Takaho Asai, Jun-ichi Takeshita, ... Kouichi Yoshinari  
 Download PDF   Abstract ▼   Export ▼

☐ Research article ● Open access

2 Non-targeted identification of unknown **chemical** hazardous **substances** in infant teether toys by gas chromatography-Orbitrap high resolution mass spectrometry  
Ecotoxicology and Environmental Safety, 19 August 2021, ...  
Yahui Liu, Lili Tong, ... Qing Lv  
 Download PDF   Abstract ▼   Export ▼

**Para que serve**      Pesquisar dois (ou mais) termos


**Como**      Colocando o operador AND entre os termos



**chemical AND substance**

# Restringir resultados


## Operador booleano AND

Find articles with these terms


**chemical AND substance** 

☐  Download selected articles    Export   *relevance | date*

☐ Research article ● Full text access

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Ecotoxicology and Environmental Safety, 19 August 2021, ...  
Yahui Liu, Lili Tong, ... Qing Lv  
 Download PDF   Abstract ▼   Export ▼

<b>Para que serve</b>	Pesquisar dois (ou mais) termos
<b>Como</b>	Colocando o operador AND entre os termos  <b>chemical AND substance</b>
<b>Resultados</b>	Todos os termos aparecem nos resultados  Não necessariamente lado a lado ou no mesmo campo

# Restringir resultados

## Operador booleano NOT

Find articles with these terms

chemical NOT substance

☐ Download selected articles  relevance | date

☐ Review article ● Full text access

1 Research progress on preparation and purification of fluorine-containing chemicals in lithium-ion batteries  
Chinese Journal of Chemical Engineering, Available online 17 September 2021, ...  
Xiaobin Liu, Zhenguo Gao, ... Jingkang Wang  
 Abstract ▼ Export ▼

☐ Review article ● Full text access

2 Chemical fuel cell reactor as the ultimate green reactor  
Current Opinion in Chemical Engineering, 1 October 2021, ...  
Shankaragana Naveenan, Wey Yang Teoh  
 Abstract ▼ Export ▼

Para que  
serve

Excluir da pesquisa algum termo ou frase

# Restringir resultados

## Operador booleano NOT

Find articles with these terms

chemical NOT substance

☐ Download selected articles  relevance | date

☐ Review article ● Full text access

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Shankaragana Naveenan, Wey Yang Teoh  
 Abstract ▼ Export ▼

Para que serve	Excluir da pesquisa algum termo ou frase
----------------	--

Como	Colocando o operador NOT antes do termo a excluir  <b>chemical NOT substance</b>
------	--

# Restringir resultados

## Operador booleano NOT

Find articles with these terms

chemical NOT substance

☐ Download selected articles  relevance | date

☐ Review article ● Full text access

1 Research progress on preparation and purification of fluorine-containing chemicals in lithium-ion batteries  
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2 Chemical fuel cell reactor as the ultimate green reactor  
Current Opinion in Chemical Engineering, 1 October 2021, ...  
Shankaragana Naveenan, Wey Yang Teoh  
 Abstract ▼ Export ▼

<b>Para que serve</b>	Excluir da pesquisa algum termo ou frase
-----------------------	--

<b>Como</b>	Colocando o operador NOT antes do termo a excluir  <b>chemical NOT substance</b>
-------------	--

<b>Resultados</b>	Os termos após o operador NOT serão excluídos dos resultados
-------------------	--

# Restringir resultados

## Uso de aspas

Search documents \*  
"industrial design"

---

<input type="checkbox"/>	1 Immersive virtual reality in an industrial design education context: What the future looks like according to its educators <i>Open Access</i>	Bernardo, N., Duarte, E.	2022	Computer-Aided Design and Applications 19(2), pp. 238-255
<a href="#">View abstract</a> <a href="#">Related documents</a>				
<input type="checkbox"/>	2 Color harmony algorithm in computer aided industrial design <i>Open Access</i>	Hao, M., Ni, T.	2022	Computer-Aided Design and Applications 19(S4), pp. 36-45
<a href="#">View abstract</a> <a href="#">Related documents</a>				

---

**Para que  
serve**

---

Pesquisar dois ou mais termos juntos

---

# Restringir resultados

## Uso de aspas

Search documents *				
"industrial design"				
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View abstract ▾ Related documents				

Para que  
serve

Pesquisar dois ou mais termos juntos

Como

Utilizando aspas

**"industrial design"**



# Restringir resultados

## Uso de aspas



Search documents \*

"industrial design"

☐ 1

Immersive virtual reality in an industrial design education context: What the future looks like according to its educators  
*Open Access*

Bernardo, N., Duarte, E.

2022

Computer-Aided Design and Applications  
19(2), pp. 238-255

[View abstract](#) [Related documents](#)

☐ 2

Color harmony algorithm in computer aided industrial design  
*Open Access*

Hao, M., Ni, T.

2022

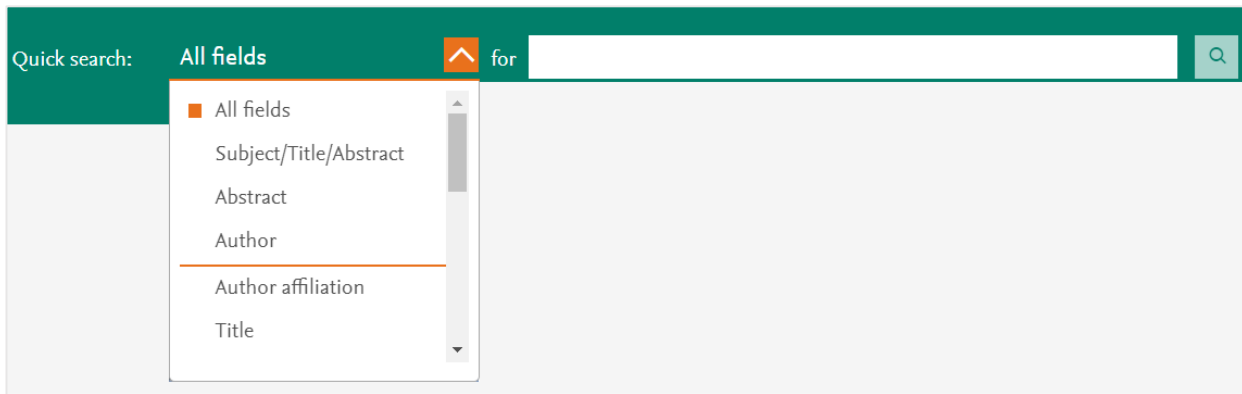
Computer-Aided Design and Applications  
19(S4), pp. 36-45

[View abstract](#) [Related documents](#)

Para que serve	Pesquisar dois ou mais termos juntos
Como	Utilizando aspas  "industrial design"
Resultados	Todos os termos aparecem juntos nos resultados  E na ordem indicada na pesquisa

# Restringir resultados

## Pesquisa por campo



---

**Para que serve**

Restringir a pesquisa a campos específicos dos registros

---


# Restringir resultados

## Pesquisa por campo

Quick search: **Author** ☐ for **rodrigues A E**

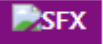
1. ☐

**New Pickering emulsions stabilized with chitosan/collagen peptides nanoparticles: Synthesis, characterization and tracking of the nanoparticles after skin application**

Sharkawy, A. (University of Porto, Department of Chemical Engineering, Portugal); Barreiro, M.F.; **Rodrigues, A.E.** Source: *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, v 616, p 459-69, 5 May 2021  
Database: Inspec  
Document type: Journal article (JA)  
Detailed Show preview  Cited by in Scopus (1)  

2. ☐

**Kinetic parameters estimation via dragonfly algorithm (DA) and comparison of cylindrical and spherical reactors performance for CO<sub>2</sub> hydrogenation to hydrocarbons**

Najari, S. (Budapest University of Technology and Economics, Department of Energy Engineering, Hungary); Saeidi, S.; Gróf, G.; Keil, F.J.; **Rodrigues, A.E.** Source: *Energy Conversion and Management*, v 226, p 113550 (15 pp.), 15 Dec. 2020  
Database: Inspec  
Document type: Journal article (JA)  
Detailed Show preview  Cited by in Scopus (2)  

**Para que serve**

Restringir a pesquisa a campos específicos dos registos

**Como**

Selecionando no sistema o(s) campo(s) em que se pretende pesquisar

**Author: rodrigues A E**

# Restringir resultados


## Pesquisa por campo

Quick search: **Author** ☐ for **rodrigues A E**

---

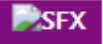
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Database: Inspec  
Document type: Journal article (JA)  
Detailed Show preview  Cited by in Scopus (2)  

<b>Para que serve</b>	Restringir a pesquisa a campos específicos dos registos
-----------------------	---

<b>Como</b>	Selecionando no sistema o(s) campo(s) em que se pretende pesquisar
-------------	--

**Author: rodrigues A E**

<b>Resultados</b>	São recuperados registos apenas com o termo indicado no campo de pesquisa
-------------------	---

# Restringir resultados

## Filtros

Refine results

Limit to

Exclude

Open Access

Year

Author name

Subject area

☐ Chemistry

(35,739)

>

☐ Environmental Science

(32,831)

>

☐ Biochemistry, Genetics and Molecular Biology

(26,879)

>

☐ Medicine

(26,199)

>

☒ Chemical Engineering

(17,761)

>

View more

Document type

☒ Article

(107,643)

>

☐ Review

(11,005)

>

☐ Conference Paper

(8,647)

>

☐ Book Chapter

(3,331)

>

☐ Note

(599)

>

☐ All

Export

Download

View citation overview

View cited by

Add to List

	Document title	Authors
<input type="checkbox"/> 1	Microplastics in aquatic environments: Sources, ecotoxicity, detection & remediation <i>Open Access</i>	Katare, Y., Singh, P., Sankhla, M.S., (...), Trpathi, A., Bhardwaj, L.
	View abstract	Related documents
<input type="checkbox"/> 2	Microwave-assisted continuous flow phytosynthesis of silver nanoparticle/reduced graphene oxide composites and related visible light catalytic performance	Wang, H., Yuan, C.-G., Liu, C., (...), Liu, J., Chen, Y.
	View abstract	Related documents
<input type="checkbox"/> 3	Effect of Mn <sup>2+</sup> on the phosphorus removal and bioflocculation under anoxic condition	Xu, X., Zhang, L., Zhang, X., Guan, X., Wei, D.
	View abstract	Related documents
<input type="checkbox"/> 4	Enhanced dewaterability of waste activated sludge by UV assisted ZVI-PDS oxidation	Zhang, Y., Li, T., Tian, J., (...), Li, F., Pei, J.
	View abstract	Related documents

Para que  
servem

Refinar os resultados de uma pesquisa

# Restringir resultados

## Filtros

Refine results

Limit to

Exclude

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Year

Author name

Subject area

☐ Chemistry

(35,739)

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<input type="checkbox"/> 4	Enhanced dewaterability of waste activated sludge by UV assisted ZVI-PDS oxidation	Zhang, Y., Li, T., Tian, J., (...), Li, F., Pei, J.
	View abstract	Related documents

Para que servem

Refinar os resultados de uma pesquisa

Como

Após obter a lista de resultados, tipicamente do lado esquerdo surge uma coluna com todos os filtros disponíveis

Podem selecionar-se vários em simultâneo

# Restringir resultados

## Filtros

Refine results

Limit to

Exclude

Open Access

Year

Author name

Subject area

☐ Chemistry (35,739)

☐ Environmental Science (32,831)

☐ Biochemistry, Genetics and Molecular Biology (26,879)

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View more

Document type

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☐ All

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<div>View abstract</div> <div>Related documents</div>		

Para que servem	Refinar os resultados de uma pesquisa
Como	Após obter a lista de resultados, tipicamente do lado esquerdo surge uma coluna com todos os filtros disponíveis  Podem selecionar-se vários em simultâneo
Resultados	A lista de resultados apresenta apenas registos de acordo com o(s) filtro(s) selecionado(s)



# Restringir resultados

## Thesaurus



DISSERTAÇÃO  
ENGENHARIA

Thesaurus search: Vocabulary search ☒ for

Database: ☒ Inspec

Exact term results ^

☒ human computer interaction > human computer interaction

☒ human computer interaction

For: CAPTCHA; HCI; user friendliness

Prior terms

- ☐ user interfaces

Top terms

- ☐ ergonomics

Broader terms

- ☐ ergonomics

Related terms

- ☐ ambient intelligence
- ☐ brain-computer interfaces
- ☐ chatbots
- ☐ cyber-physical systems
- ☐ gaze tracking
- ☐ human factors
- ☐ human-robot interaction
- ☐ interactive devices
- ☐ sign language recognition
- ☐ user experience
- ☐ user interfaces

Narrower terms

- ☐ affective computing

Selected term(s) >

☐ AND ☒ OR

O que é

É uma lista controlada e estruturada de palavras-chave com relações semânticas, dentro de uma área específica

# Restringir resultados

## Thesaurus

Thesaurus search: Vocabulary search ☒ for

Database: ☒ Inspec

Exact term results ^

> human computer interaction

☒ human computer interaction

For: CAPTCHA; HCI; user friendliness

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Top terms

- ☐ ergonomics

Narrower terms

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Broader terms

- ☐ ergonomics

Selected term(s) >

☐ AND ☒ OR

**O que é**

É uma lista controlada e estruturada de palavras-chave com relações semânticas, dentro de uma área específica

**Como**

Selecionando um termo no índice existente no sistema

# Restringir resultados

## Thesaurus

Thesaurus search: Vocabulary search ☒ for

Database: ☒ Inspec

Exact term results ^

☒ human computer interaction > human computer interaction

For: CAPTCHA; HCI; user friendliness

**Prior terms**

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**Top terms**

- ☐ ergonomics

**Broader terms**

- ☐ ergonomics

**Related terms**

- ☐ ambient intelligence
- ☐ brain-computer interfaces
- ☐ chatbots
- ☐ cyber-physical systems
- ☐ gaze tracking
- ☐ human factors
- ☐ human-robot interaction
- ☐ interactive devices
- ☐ sign language recognition
- ☐ user experience
- ☐ user interfaces

**Narrower terms**

- ☐ affective computing

Selected term(s) >

☐ AND ☒ OR

**O que é** É uma lista controlada e estruturada de palavras-chave com relações semânticas, dentro de uma área específica

**Como** Selecionando um termo no índice existente no sistema

**Resultados** São apresentadas conexões entre a palavra-chave pesquisada e outros tópicos e termos relacionados



# Ampliar resultados



# Ampliar resultados

## Operador booleano OR

Q "human computer interaction" OR HCI

- ☐ 1 Smart city as a smart service system: Human-computer interaction and smart city surveillance systems  
[Kashef, M; Visvizi, A and Troisi, O](#)  
Nov 2021 | [COMPUTERS IN HUMAN BEHAVIOR](#) 124  

Smart city services, smart applications and smart devices form an ecosystem of tools and artifacts that challenge, and times even disrupt, conventions, norms, and rites of behavior, thus prompting diverse behavioral changes at the level of the individual, the group, and the society at large. In this view, smart city may be viewed as a - one of its k ... [Show more](#)
- ☐ 2 Adopting Diffractive Reading to Advance HCI Research: A Case Study on Technology for Aging  
[Lazar, A; Jelen, B; \(...\); Siek, KA](#)  
Oct 2021 | [ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION](#) 28 (5)  

Researchers in Human-Computer Interaction (HCI) have long developed technologies for older adults. Recently, researchers are engaging in critical reflections of these approaches. IoT for aging in place is one area around which these conflicting discourses have converged, likely in part driven by government and industry interest. This article introduces diffi ... [Show more](#)
- ☐ 3 Do women and extroverts perceive interactivity differently than men and introverts? Role of individual differences in responses to HCI vs. CMC interactivity  
[Huang, Y; Sundar, SS; \(...\); Johnson, AC](#)  
Oct 2021 | [COMPUTERS IN HUMAN BEHAVIOR](#) 123  

Websites, social media, mobile apps and indeed most internet platforms offer two distinct kinds of interactivity: one that involves interacting with the system, or what is commonly known as human-computer interaction (HCI), and another that involves interacting with other users, or computer-mediated communication (CMC). Are some people ... [Show more](#)

Para que  
serve

Recuperar dois ou mais termos  
(que podem ser sinónimos ou formas  
desdobradas e abreviaturas)

# Ampliar resultados

## Operador booleano OR

Q "human computer interaction" OR HCI

- ☐ 1 Smart city as a smart service system: Human-computer interaction and smart city surveillance systems  
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- ☐ 2 Adopting Diffractive Reading to Advance HCI Research: A Case Study on Technology for Aging  
Lazar, A; Jelen, B; (...); Siek, KA  
Oct 2021 | ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION 28 (5)  
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**Para que serve**

Recuperar dois ou mais termos (que podem ser sinónimos ou formas desdobradas e abreviaturas)

**Como**

Colocando o operador OR entre os termos de pesquisa

**"human computer interaction" OR HCI**



# Ampliar resultados

## Operador booleano OR

Q "human computer interaction" OR HCI

- ☐ 1 Smart city as a smart service system: Human-computer interaction and smart city surveillance systems  
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- ☐ 2 Adopting Diffractive Reading to Advance HCI Research: A Case Study on Technology for Aging  
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Huang, Y; Sundar, SS; (...); Johnson, AC  
Oct 2021 | COMPUTERS IN HUMAN BEHAVIOR 123  
Websites, social media, mobile apps and indeed most internet platforms offer two distinct kinds of interactivity: one that involves interacting with the system, or what is commonly known as human-computer interaction (HCI), and another that involves interacting with other users, or computer-mediated communication (CMC). Are some people ... [Show more](#)

**Para que serve**

Recuperar dois ou mais termos (que podem ser sinónimos ou formas desdobradas e abreviaturas)

**Como**

Colocando o operador OR entre os termos de pesquisa

**"human computer interaction" OR HCI**

**Resultados**

São devolvidos registos onde um ou outro termo apareçam



# Ampliar resultados

## Operadores de proximidade

☐ 0/644 Add To Marked List Export ▾ Date: newest first ▾ < 1 of 13 >

☐ 1

Corrosion Performance of **Steel Reinforcement** in Self-Compacting Concrete Exposed to Combined Sodium Chloride-Magnesium Sulfate Exposure Solution

[Jain, S](#) and [Pradhan, B](#)  
Oct 1 2021 | [JOURNAL OF MATERIALS IN CIVIL ENGINEERING](#) 33 (10)

Enriched Cited References

This study investigates the effect of binder type, w/b ratio, and exposure solution on the corrosion performance of steel reinforcement in self-compacting concrete (SCC). Prismatic specimens made from SCC were subjected to combined chloride-sulfate exposure solutions and chloride solution for an exposure duration of 690 days. Variations in tc ... [Show more](#)

[View full text](#) \*\*\*


40  
References

[Related records](#)

☐ 2

Load and temperature influence on the post-fire mechanical properties of **steel reinforcements**

[Lapuebla-Ferri, A](#), [Pons, D](#) and [Romero, ML](#)  
Oct 2021 | [JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH](#) 185

 Open Access

An experimental study was carried out to evaluate the residual mechanical properties of steel reinforcements after their exposure to elevated temperatures. In order to reproduce real loading conditions, specimens were simultaneously subjected to a load level and a thermal cycle consisting of heating up to a target temperature and cooling back to 1 ... [Show more](#)

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31  
References

[Related records](#)

**Para que servem**

Recuperar termos que se encontram próximos, com x palavras de distância entre si

# Ampliar resultados

## Operadores de proximidade

Q steel NEAR/0 reinforcement

0/644 Add To Marked List Export Date: newest first < 1 of 13 >

1 Corrosion Performance of Steel Reinforcement in Self-Compacting Concrete Exposed to Combined Sodium Chloride-Magnesium Sulfate Exposure Solution  
Jain, S and Pradhan, B  
Oct 1 2021 | JOURNAL OF MATERIALS IN CIVIL ENGINEERING 33 (10)  
40 References  
Enriched Cited References  
This study investigates the effect of binder type, w/b ratio, and exposure solution on the corrosion performance of steel reinforcement in self-compacting concrete (SCC). Prismatic specimens made from SCC were subjected to combined chloride-sulfate exposure solutions and chloride solution for an exposure duration of 690 days. Variations in tc ... [Show more](#)  
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2 Load and temperature influence on the post-fire mechanical properties of steel reinforcements  
Lapuebla-Ferri, A; Pons, D and Romero, ML  
Oct 2021 | JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 185  
31 References  
An experimental study was carried out to evaluate the residual mechanical properties of steel reinforcements after their exposure to elevated temperatures. In order to reproduce real loading conditions, specimens were simultaneously subjected to a load level and a thermal cycle consisting of heating up to a target temperature and cooling back to r ... [Show more](#)  
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### Para que servem

Recuperar termos que se encontram próximos, com x palavras de distância entre si

### Como

Colocando os operadores **NEAR/**, **W/**, **SAME** entre os termos de pesquisa

**steel NEAR/0 reinforcement operations W/3 management universidade SAME porto**

# Ampliar resultados

## Operadores de proximidade

☐ 0/644

Add To Marked List

Export ▾

Date: newest first ▾ < 1 of 13 >

☐ 1

Corrosion Performance of Steel Reinforcement in Self-Compacting Concrete Exposed to Combined Sodium Chloride-Magnesium Sulfate Exposure Solution

[Jain, S](#) and [Pradhan, B](#)  
Oct 1 2021 | [JOURNAL OF MATERIALS IN CIVIL ENGINEERING](#) 33 (10)

Enriched Cited References

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Load and temperature influence on the post-fire mechanical properties of steel reinforcements

[Lapuebla-Ferri, A](#), [Pons, D](#) and [Romero, ML](#)  
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An experimental study was carried out to evaluate the residual mechanical properties of steel reinforcements after their exposure to elevated temperatures. In order to reproduce real loading conditions, specimens were simultaneously subjected to a load level and a thermal cycle consisting of heating up to a target temperature and cooling back to 1 ... [Show more](#)

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Para que servem	Recuperar termos que se encontram próximos, com x palavras de distância entre si
Como	Colocando os operadores <b>NEAR/</b> , <b>W/</b> , <b>SAME</b> entre os termos de pesquisa  <b>steel NEAR/0 reinforcement operations W/3 management universidade SAME porto</b>
Resultados	Os termos recuperados são próximos um do outro, aparecem em qualquer ordem, e com o máximo especificado de x palavras de distância entre si


# Ampliar resultados


## Wildcard

computational optimi?ation   

364,795 Result(s) for 'computational optimi?ation'  

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**Encyclopedia of Optimization**  
Christodoulos A. Floudas, Panos M. Pardalos (2009) 

Book  
**Black Box Optimization, Machine Learning, and No-Free Lunch Theorems**  
Dr. Panos M. Pardalos... in *Springer Optimization and Its Applications* (2021) 

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Para que  
serve



Pesquisar termos que podem ter  
diferentes grafias

Ou formas singulares e plurais de  
substantivos


# Ampliar resultados


## Wildcard

computational optimi?ation   

364,795 Result(s) for 'computational optimi?ation'  

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Book  
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H. Paul Williams in *Handbook on Modelling for Discrete Optimization* (2006)  
[» Download PDF](#) (1488 KB)

**Para que serve**

Pesquisar termos que podem ter diferentes grafias

Ou formas singulares e plurais de substantivos

**Como**




Colocando um ? no lugar do caracter que pode ter diferentes formas



**optimi?ation  
wom?n**



# Ampliar resultados

## Wildcard

computational optimi?ation   

364,795 Result(s) for 'computational optimi?ation'  

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Book and Reference Work  
**Encyclopedia of Optimization**  
Christodoulos A. Floudas, Panos M. Pardalos (2009)

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**Black Box Optimization, Machine Learning, and No-Free Lunch Theorems**  
Dr. Panos M. Pardalos... in *Springer Optimization and Its Applications* (2021)

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H. Paul Williams in *Handbook on Modelling for Discrete Optimization* (2006)  
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**Para que serve**

Pesquisar termos que podem ter diferentes grafias

Ou formas singulares e plurais de substantivos

**Como**

Colocando um ? no lugar do caracter que pode ter diferentes formas

**optimi?ation  
wom?n**

**Resultados**

São recuperadas todas as formas da palavra com diferentes grafias

# Ampliar resultados

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**Para que serve**

Recuperar simultaneamente termos que têm o mesmo prefixo, mas diferentes sufixos



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Para que  
serve

Recuperar simultaneamente termos que têm o mesmo prefixo, mas diferentes sufixos

Como

Colocando um \* após o prefixo do termo de pesquisa

**comput\***  
**behavi\***

# Ampliar resultados

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**Para que serve** Recuperar simultaneamente termos que têm o mesmo prefixo, mas diferentes sufixos

**Como** Colocando um \* após o prefixo do termo de pesquisa

**comput\***  
**behavi\***

**Resultados** São devolvidas todas as formas da palavra com diferentes terminações

# Ordem de pesquisa e *nesting*

# Ordem de pesquisa e *nesting*

🔍 virtual AND environment

# Ordem de pesquisa e *nesting*

🔍 virtual AND environment

🔍 **(online OR virtual) AND environment**

# Ordem de pesquisa e *nesting*

🔍 virtual AND environment

🔍 (online OR virtual) AND environment

Title



online OR virtual



And ▾

Title



environment



# Stop words

🔍 *the* quality *of* construction materials

🔍 reinforcement *of* steel structures

🔍 techniques *for* mobile robots navigation



# *Stop words*

🔍 the quality of construction materials


🔍 reinforcement of steel structures


🔍 techniques for mobile robots navigation

# Combinação de técnicas - Restringir resultados

Q **beverage NOT bottle** (Topic)

- ☐ 1 **Preference Mapping of Lemon Lime Carbonated Beverages with Regular and Diet Beverage Consumers**  
[Leksrisompong, PP; Lopetcharat, K; \(...\); Drake, MA](#)  
Feb 2013 | [JOURNAL OF FOOD SCIENCE](#) 78 (2) , pp.S320-S328  

The drivers of liking of lemon-lime carbonated beverages were investigated with regular and diet beverage consumers. Ten beverages were selected from a category survey of commercial beverages using a D-optimal procedure. Beverages were subjected to consumer testing (n = 101 regular beverage consumers, n = 100 diet beverage consumers: ... [Show more](#)
- ☐ 2 **Beverage Intake among Children: Associations with Parent and Home-Related Factors**  
 [Zahid, A; Davey, C and Reicks, M](#)  
Aug 2017 | [INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH](#) 14 (8)  

Beverage intake can influence child diet quality in a positive or negative manner depending on the beverage type and amounts consumed. Parenting practices such as role modeling and control of home beverage availability have been associated with child beverage intake, whereas examination of the influence of parental beverage nutrition knowledg ... [Show more](#)
- ☐ 3 **Validation of a Brief Questionnaire Against Direct Observation to Assess Adolescents' School Lunchtime Beverage Consumption**  
 [Grummon, AH; Hampton, KE; \(...\); Patel, AI](#)  
Nov-dec 2017 | [JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR](#) 49 (10) , pp.847-+  

Objective: Beverage consumption is an important determinant of youth health outcomes. Beverage interventions often occur in schools, yet no brief validated questionnaires exist to assess whether these efforts improve in-school beverage consumption. This study validated a brief questionnaire to assess beverage consumption during school lunch. ... [Show more](#)

# Combinação de técnicas - Restringir resultados

Q beverage NOT bottle (Topic)

1 Preference Mapping of Beverage Consumers  
Leksrisompong, PP; Lopetcharat, K; ...  
Feb 2013 | JOURNAL OF FOOD RESEARCH  
The drivers of liking of lemon beverages were selected from a list of 100 beverages subjected to consumer test

2 Beverage Intake among Children  
Zahid, A; Davey, C and Reick, J  
Aug 2017 | INTERNATIONAL JOURNAL OF PUBLIC HEALTH  
Beverage intake can influence child beverage consumption. Parenting practices influence child beverage intake, when

3 Validation of a Brief Questionnaire Against Direct Observation to Assess Adolescents' School Lunchtime Beverage Consumption  
Grummon, AH; Hampton, KE; (...) ; Patel, AI  
Nov-dec 2017 | JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR 49 (10) , pp.847-+  
Objective: Beverage consumption is an important determinant of youth health outcomes. Beverage interventions often occur in schools, yet no brief validated questionnaires exist to assess whether these efforts improve in-school beverage consumption. This study validated a brief questionnaire to assess beverage consumption during school lunch. ... Show more

Q beverage NOT (bottle OR diet) (Topic)

1 Validation of a Brief Questionnaire Against Direct Observation to Assess Adolescents' School Lunchtime Beverage Consumption  
Grummon, AH; Hampton, KE; (...) ; Patel, AI  
Nov-dec 2017 | JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR 49 (10) , pp.847-+  
Objective: Beverage consumption is an important determinant of youth health outcomes. Beverage interventions often occur in schools, yet no brief validated questionnaires exist to assess whether these efforts improve in-school beverage consumption. This study validated a brief questionnaire to assess beverage consumption during school lunch. ... Show more

2 Assessment of a Districtwide Policy on Availability of Competitive Beverages in Boston Public Schools, Massachusetts, 2013  
Mozaffarian, RS; Gortmaker, SL; (...) ; Cradock, AL  
Mar 2016 | PREVENTING CHRONIC DISEASE 13  
Introduction  
Competitive beverages are drinks sold outside of the federally re-imbursable school meals program and include beverages sold in vending machines, a la carte lines, school stores, and snack bars. Competitive beverages include st ... Show more

3 Did high sugar-sweetened beverage purchasers respond differently to the excise tax on sugar-sweetened beverages in Mexico?  
Ng, SW; Rivera, JA; (...) ; Colchero, MA  
Mar 2019 | PUBLIC HEALTH NUTRITION 22 (4) , pp.750-756  
Objective: To estimate change in taxed and untaxed beverages by volume of beverage purchased after a sugar-sweetened beverage (SSB) tax was introduced in 2014 in Mexico.  
Design: We used household purchase data from January 2012 to December 2015. We first classified th ... Show more

# Combinação de técnicas - Restringir resultados



TAÇÃO  
HARIA

Q beverage NOT bottle (Topic)

- ☐ 1 Preference Mapping of Consumers  
Leksrisompong, PP; Lopetcharat, P; Laksanaporn, P; Laksanaporn, P; Laksanaporn, P  
Feb 2013 | JOURNAL OF FOOD RESEARCH  
The drivers of liking of lemon beverages were selected from subjects subjected to consumer test
- ☐ 2 Beverage Intake among Children  
Zahid, A; Davey, C and Reick, J  
Aug 2017 | INTERNATIONAL JOURNAL OF NUTRITION  
Beverage intake can influence child beverage intake, when consumed. Parenting practices
- ☐ 3 Validation of a Brief Questionnaire  
Grummon, AH; Hampton, KE; (...) ; L  
Nov-dec 2017 | JOURNAL OF NUTRITION  
Objective: Beverage consumption in schools, yet no brief validated questionnaire. This study validated a brief questionnaire

Q beverage NOT (bottle OR diet) (Topic)

- ☐ 1 Validation of a Brief Questionnaire  
Grummon, AH; Hampton, KE; (...) ; L  
Nov-dec 2017 | JOURNAL OF NUTRITION  
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- ☐ 2 Assessment of a Districtwide  
Mozaffarian, RS; Gortmaker, SL; (...) ; L  
Mar 2016 | PREVENTING CHRONIC DISEASE  
Introduction  
Competitive beverages are drinks in vending machines, a la carte line
- ☐ 3 Did high sugar-sweetened beverages in M  
Ng, SW; Rivera, JA; (...) ; Colchero, M  
Mar 2019 | PUBLIC HEALTH NUTRITION  
Objective: To estimate change in total beverage (SSB) tax was introduced. Design: We used household purchase

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Q mining NOT "data mining" Topic Search

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- ☐ 3. Identification of geochemical anomalies associated with Cu mineralization by applying spectrum-area multi-fractal and wavelet neural network methods in Shahr-e-Babak mining area, Kerman, Iran  
By: Saljoughi, B. Shokouh; Hezarkhani, A.  
JOURNAL OF MINING AND ENVIRONMENT Volume: 10 Issue: 1 Pages: 49-73 Published: WIN 2019  
Serviços Full Text from Publisher View Abstract
- ☐ 4. Clay sedimentation and consolidation behaviour in tailing storage facilities over mine lifetime  
By: Ehsani, S. M.; Unesi, M.; Tamartash, R.  
JOURNAL OF MINING AND ENVIRONMENT Volume: 10 Issue: 1 Pages: 113-124 Published: WIN 2019  
Serviços Full Text from Publisher View Abstract
- ☐ 5. Experimental study on appropriate location of river material mining pits regarding extraction and utilization  
By: Haghnazar, H.; Ansar, B. Hashemzadeh; Amini, R.; et al.  
JOURNAL OF MINING AND ENVIRONMENT Volume: 10 Issue: 1 Pages: 163-175 Published: WIN 2019  
Serviços Full Text from Publisher View Abstract


# Combinação de técnicas - Ampliar resultados

☐ 1

An evidence of cognitive benefits from immersive design review: Comparing three-dimensional perception and presence between immersive and non-immersive **virtual** environments

[Paes, D;](#) [Irizarry, J](#) and [Pujoni, D](#)  
Oct 2021 | [AUTOMATION IN CONSTRUCTION](#) 130

The adoption of VR solutions in design review has grown rapidly in the construction sector worldwide. However, the extent to which these enhance professionals' cognitive capabilities in the task - an essential step in determining their validity and effectiveness - is still unclear. Through a controlled experiment, this study sought to quantitatively ve ... [Show more](#)

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☐ 2

Modelling users' perception of the **online** real estate platforms in a digitally disruptive **environment**: An integrated KANO-SISQual approach

[Ullah, F;](#) [Sepasgozar, SME;](#) (...); [Davis, S](#)  
Oct 2021 | [TELEMATICS AND INFORMATICS](#) 63

Global disruption and innovation are revolutionising many industries and creating a digitally disruptive environment (DDE); real estate is no exception. Real estate online platforms (REOPs) are getting more attention in the era of COVID-19, where the real estate businesses must run online, and the service users are pushed to a forced digital experience ... [Show more](#)

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☐ 3

A comparative study of navigation interfaces in **virtual** reality environments: A mixed-method approach

[Kim, YM](#) and [Rhiu, J](#)  
Oct 2021 | [APPLIED ERGONOMICS](#) 96

Recently, motion-based navigation interfaces have been widely utilized in virtual reality (VR) environments. However, improper navigation interfaces can negatively impact the VR experience, and because different interfaces have different characteristics, the navigation experience may vary. Although comparative studies have been conducted with various ... [Show more](#)


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# Combinação de técnicas - Ampliar resultados

Q (virtual OR online) AND environme

1 An evidence of cognitive perception and presence in virtual environments  
Paes, D; Irizarry, J and Pujoni  
Oct 2021 | AUTOMATION IN CONSTRUCTION 131  
The adoption of VR solutions in construction which enhance professional effectiveness - is still unclear ...  
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2 Modelling users' perception of a virtual environment: An integrated approach  
Ullah, F; Sepasgozar, SME; (...)  
Oct 2021 | TELEMATICS AND TELECOMMUNICATIONS 131  
Global disruption and innovation in the real estate is no exception. Real estate businesses must ...  
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3 A comparative study of navigation approaches in virtual environments  
Kim, YM and Rhiu, I  
Oct 2021 | APPLIED ERGONOMICS 101  
Recently, motion-based navigation interfaces can improve the navigation experience m ...  
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Q (virtual OR online) AND environment\* (Title)

1 Online Robot Trajectory Optimization for Persistent Environmental Monitoring  
Notomista, G; Pacchierotti, C and Giordano, PR  
2022 | IEEE CONTROL SYSTEMS LETTERS 6, pp.1472-1477  
This letter presents a control-theoretic approach for trajectory optimization of mobile robots suitable for environmental monitoring. The method is based on the optimization of the Constructability Gramian in order to maximize the information collected while traversing a state trajectory. The maximization of the collected information is combin ... [Show more](#)

2 Comparing daylight brightness perception in real and immersive virtual environments using perceptual light maps  
Hegazy, M; Ichiriyama, K; (...); Abe, H  
Nov 2021 | AUTOMATION IN CONSTRUCTION 131  
While Immersive Virtual Environments (IVEs) are essential for pre-construction investigation of daylight perception in buildings, current daylight studies show limitations in achieving adequate immersion and interaction levels in IVEs, driven by the speed constraints of traditional light simulation tools. Therefore, it is necessary to examine whether using n ... [Show more](#)

3 Reducing Risk Habituation to Struck-By Hazards in a Road Construction Environment Using Virtual Reality Behavioral Intervention  
Kim, N; Anderson, BA and Ahn, CR  
Nov 1 2021 | JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT 147 (11)  
Repeated exposure to hazards in road construction work zones often generates worker habituation to risks associated with those hazards, a key causal factor in workplace accidents. Understanding the developmental process of risk habituation and providing effective intervention are thus critical to preventing fatalities in road construction work zon ... [Show more](#)

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