



## Compendex

Revise e descubra a produção de Engenharia mundial

Luiz Baginski

[l.baginski@elsevier.com](mailto:l.baginski@elsevier.com)

(2022Abr18)



# Sobre a Elsevier

<http://elsevier.com>

- ✓ Líder mundial em informação e estudos da ciência e medicina.
- ✓ Mais de 140 anos de atividades editoriais
- ✓ 7.000 sócios editoriais (revistas), 70.000 membros de conselhos editoriais, 30.000 revisores e 600.000 autores
- ✓ 9.000 funcionários 24 países.

**Provedor Global de Informação Analítica  
especializado em Ciência e Saúde**

*Information Analytics, uniting Content & Technology*

# Material de apoio e Redes Sociais

## Elsevier Pesquisa LAS *Latin South*

Compendex (EngineeringVillage)

<http://engineeringvillage.com>

<https://www.elsevier.com/engineeringvillage>



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elsevierpesquisa



Elsevier Pesquisa



Elsevier Pesquisa

Elsevier Libguides  
<https://elsevier.libguides.com>

**-Instagram:** @ElsevierPesquisa

<https://www.instagram.com/ElsevierPesquisa>

-Facebook: /ElsevierPesquisa

<https://www.facebook.com/ElsevierPesquisa>

-Twitter: @ElsevierPesquisa

<https://twitter.com/ElsevierPesquisa>

**-Youtube:** @ElsevierPesquisa

<https://www.youtube.com/channel/UCyOOBlswfGNv2X5ckozzCxX>

Páginas Corporativa e de Produtos:

<https://www.elsevier.com/location-selector>



# Qual é a minha necessidade por Informação ?

Qual é o meu objetivo? Responder a uma pergunta simples, escrever um relatório / artigo – que tipo de artigo?, trabalho de fim de curso, uma tese, dissertação, livro (texto com da indústria) – qual é a audiência foco?

- Preciso responder uma questão simples ?
- Complementar uma revisão de literatura ?
- Explorar a produção científica mundial ?
- Aprender sobre o estado da arte ?
  
- Aprender sobre a evolução de uma disciplina ?
- Obter Informação aprofundada sobre um tema especializado ?
- Identificar lacunas da pesquisa mundial ?
- Manter-se atualizado / informado ? (em que nível – genérico / especializado)



# Como escolher a Fonte de Informação ? o Tipo de Documento ?

1. Catálogo Institucional
2. Repositório Institucional
3. Bases de Dados

## Diferentes

Ferramentas e  
Soluções,

para

## Diferentes

Aplicações e  
Requerimentos

## Bases de Dados

Conteúdo

- Confiabilidade / Direitos de Uso
- Atualidade / Completude
- Relevância / Amplitude

Plataforma

- Ferramentas e Recursos
- de Busca e Filtragem

mecânicas



construção



jardinagem



elétricas



## Documentos Científicos



# Fontes Científicas (primárias / secundárias)

## 1. Catálogos de Bibliotecas

Sistema de registro da produção local (conteúdo completo da Biblioteca)

## 2. Repositórios Institucionais

Arquivos locais de conteúdo local (arquivos, dados)

## 3. Bases de dados

- Assinadas pela instituição
- Disponíveis para a instituição
- De acesso Aberto / Pago

Tipo de Base de dados

1. Texto:

1.1 Citações

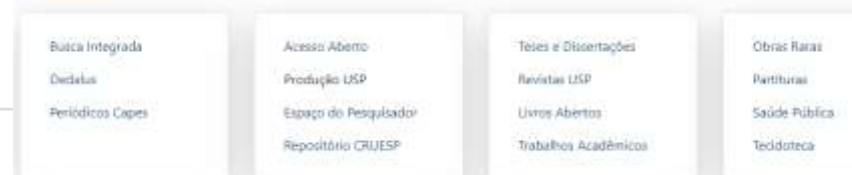
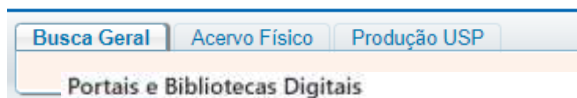
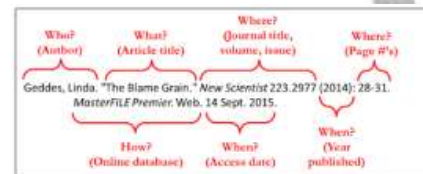
1.2 Resumos e Índices (A&I)

1.3 Texto completo

2. Dados ou Numérica

3. Mapas

4. Vídeos/filmes/imagens



Por onde começar ? *Consulte seu Orientador, Bibliotecário, seu Par !*

# Tipos de Bases de Dados

(páginas Web, Recursos de Informação qualificada / científica)

## 1. Texto:

- 1.1 Citações
  - 1.2 Índices e Resumos (A&I)
  - 1.3 Texto completo
- ## 2. Dados ou Numérica
- ## 3. Mapas
- ## 4. Vídeos/filmes/imagens

1.1



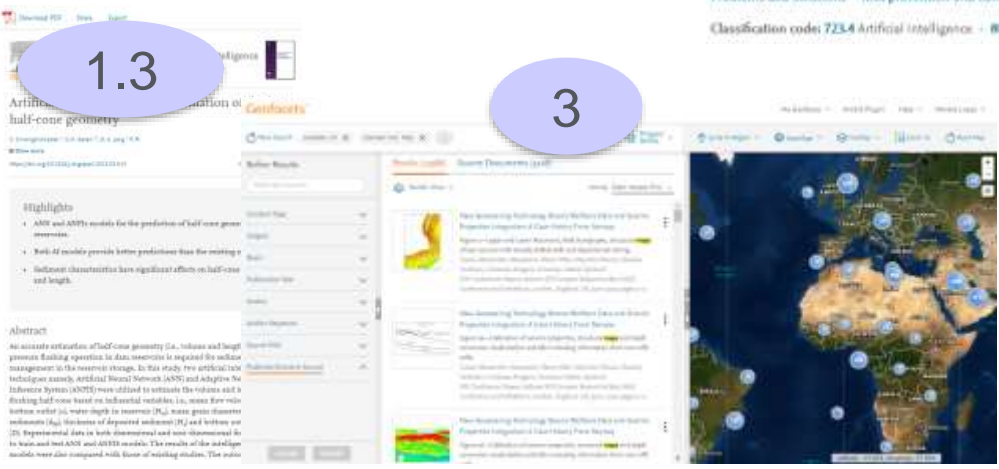
1.2

Research and implementation of financial decision in  
 Zhao, Ouyang ; Liu, Xinyu ;  
 Source: *Agric Food Industry Hi-Tech*, v 28, n 3, p 2576-2579, May-June 2017; ISS  
 Author affiliation : <sup>1</sup> Langfang Polytechnic Institute, Hebei Langfang, China  
 Abstract: Artificial intelligence has reached a new level in the global. Because of artificial intelligence technology has developed rapidly. In the financial sector, a transaction, which can be applied and served to customers at the front end to a the research and implementation of financial decision model based on artificial financial industry was introduced first. Technical problems and solutions, then financial decision model based on Agent artificial intelligence was introduced it intelligence can be used for risk prevention and control, which makes our firm more powerful. (15 refs)  
 Main heading: Finance  
 Controlled terms: Agents - Artificial intelligence  
 Uncontrolled terms: Artificial intelligence technologies - Financial - Finance Problems and Solutions - Risk prevention and controls  
 Classification code: 723.4 Artificial intelligence - RB3 Chemical Agents and Ba

- ## Características Do Conteúdo
- Tipo de documento
  - Índices / Campos
  - Números / Propriedades
- ## Da Plataforma
- Filtros dinâmicos
  - Opções de Busca
  - Exportação

1.3

3



4



**Confiabilidade / Direitos de Uso**  
**Atualização / Completude**  
**Relevância / Amplitude**

# Objetos - Extração de Dados / Campos / Índices (metadados)

## Standard Content

A&I Record

Full Text



## Object level indexing

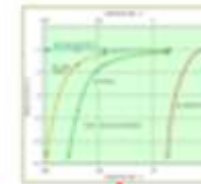
tables



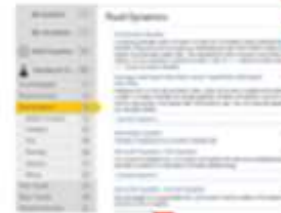
equations



graphs



Chapter  
Full Text



Data points



eBook



# Documentos (objetos, registros) atributos

## Documentos Científicos

- Artigos de revistas
- Artigos de eventos
- Livros / Capítulos
- Teses / Dissertações
- Normas Técnicas
- Patentes
- Artigos da Imprensa
- Revisões
- Editoriais
- Cartas / Notas

**Conteúdo Estabelecido**  
**Conteúdo Histórico, Inovador**  
**Conteúdo Aplicado**

## Material Suplementar

- Dados brutos
- Dados processados
- Software
- Tabelas
- Figuras
- Vídeos
- Áudio
- Mapas
- Diagramas

### Artigo de Pesquisa

Novo conhecimento sobre um tema ou resultados de um experimento desenvolvido com base em método científico.

### Artigo de revisão

Resume o conhecimento existente sobre um tema com diferentes perspectivas, discussão ou análise.

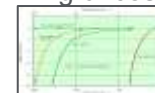
tabelas



equações



gráficos



Pontos de dados



Scopus  
Author  
Profiles



# EngineeringVillage (14 bases de dados)

uma única plataforma de grande alcance



Engineering Village®  
Celebrating 25 years!



Engineering Village



14- Knovel

11- USPTO  
12- EPO  
13- WIPO



10- NTIS



9- PaperChem



enCompass  
7- Literature /  
8- Patents



5- Chimica  
6- CBNB



2- Inspec

3- Georef  
4- Geobase



1- Compendex

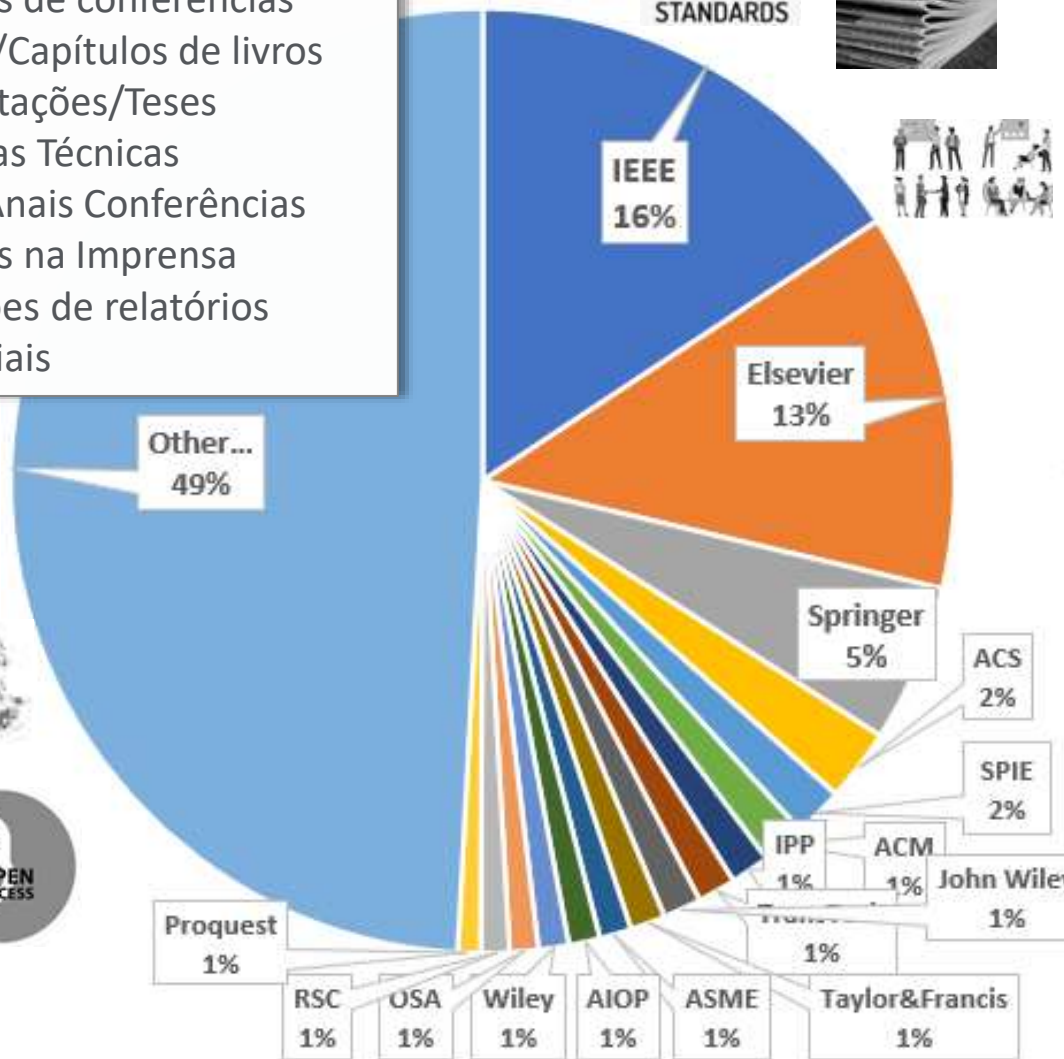


# Compendex Conteúdo

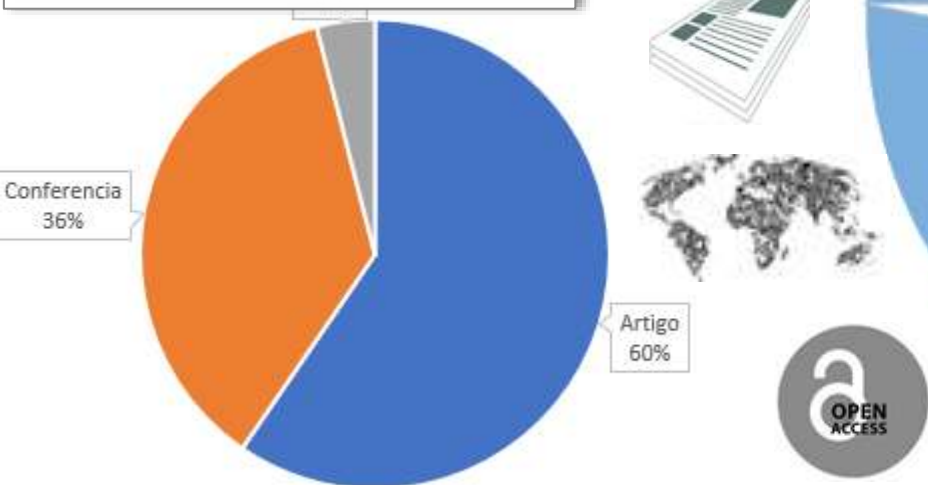
Compendex  
Celebrating **50** YEARS



- Artigos científicos
- Artigos de conferências
- Livros/Capítulos de livros
- Dissertações/Teses
- Normas Técnicas
- Atas/Anais Conferências
- Artigos na Imprensa
- Revisões de relatórios
- Editoriais



- 28 M registros (A&I)
- 4 M *OpenAccess*
- 800 *Preprints*
- 190 disciplinas
- 5 M opções fomento
- 223 m dissertações
- 200 m normas técnicas
- 81 países
- 2,5 m editores
- 3,7 m revistas científicas



1

# Um ponto central de descoberta





# Tesouro Ei (Engineering Index)

(vocabulário controlado especializado – Engenharia e Tecnologia)  
Criado em 1884 – em permanente atualização

**Palavra Controlada  
e  
Palavra Chave**

**Garantia** de:  
**PRECISÃO  
AGILIDADE  
RELEVÂNCIA**

de 22K para 27M de registros

**11.623**

PREFERRED  
TERMS

**10.350**

NON-PREFERRED  
TERMS

**859**

CLASSIFICATION  
CODES

**13.632**

BT  
relationships

**18.747**

RT  
relationships

**10.064**

USE  
relationships

MCC  
relationships

**11.016**

OCC  
relationships

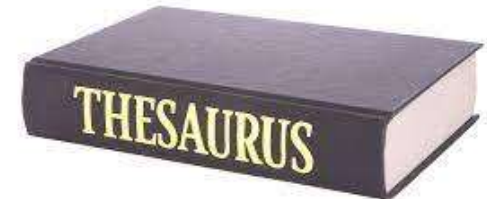
**8.316**

UA and UO  
relationships

**578**

**22.832**

TOTAL TERMS



Lista de palavras  
Grupos e Conceitos  
Relacionados

Renewable energy resources

For: Energy resources--Renewable\*; Green energy; Renewable energy; Sustainable energy

Broader terms:  Energy resources

Related terms:  Low grade fuel firing

Narrower terms:  Biomass

Geothermal energy

Energy

er power

d power

**Termos mais  
Ampos,  
Relacionados, mais  
Específicos**



# Filtro Numérico

Padronização de medidas  
Sistema Internacional



## 2- Conversão / Normalização

**63 feet...** 63 ft = 63 feet = 63 foot = 21 yards = 21 yard = 21 yd = 19 meters = 19 metres = 19 m = 1920 centimeters = 1920 centi-meters = 1920 centimetres = 1920 centi-metres = 1920 cm

SI Units	
Quantity Measured	Unit (symbol)
Size	Meter (m)
Mass	Kilogram (kg)
Time	Second (s)
Electric Current	<u>Amper</u> (A)
Temperature	Kelvin (K)
Amount of Substance	Mole (m)
Luminous intensity	Candela (cd)

## 1- Identificação de Números e Propriedades

**Discharge testing of 45 kV, 50 kHz pulse power supply**  
Sharma, Surender Kumar<sup>1</sup>, Shyam, Anurag<sup>1</sup>  
Source: *Review of Scientific Instruments*, v 87, n 10, October 1, 2016, IS 10.1063/1.4964507, Article number: 105115, Publisher: American Institute of Physics

**Wind survival strategy for a large point focusing solar collector: Analytical results of a 71 m/s (160 mph) gust study**  
Bilodeau, E.A.<sup>1</sup>, Dumin, J.E.<sup>1</sup>, Rogers, W.E.<sup>1</sup>  
Source: *American Society of Mechanical Engineers, Solar Energy Division (Publication) SED*, p 477-482, 1989, Conference: Solar Engineering 1989 - Proceedings of the Eleventh Annual ASME Solar Energy Conference, April 2, 1989 - April 5, 1989, Sponsor: ASME, Solar Energy Div, New York, NY, USA, Publisher: Publ by American Soc of Mechanical Engineers (ASME)

**Millimeter-scale traveling wave rotary ultrasonic motors**  
Rudy, Ryan Q.<sup>1,2</sup>, Smith, Gabriel L.<sup>1</sup>, DeVoe, Don L.<sup>2</sup>, Polcawich, Ronald G.<sup>1</sup>  
Source: *Journal of Microelectromechanical Systems*, v 24, n 1, p 108-114, February 1, 2015, ISSN: 10577157, DOI: 10.1109/JMEMS.2014.2317778, Article number: 6825800, Publisher: Institute of Electrical and Electronics Engineers Inc.

**Novel MEMS 900 MHz electrostatic silicon delay line**  
Tabib-Azar, Massood<sup>1</sup>, Alzoubi, Khawla<sup>2</sup>, Saab, Daniel<sup>2</sup>  
Source: *Proceedings of IEEE Sensors*, p 205-207, 2010, *IEEE Sensors 2010 Conference, SENSORS 2010*, ISSN: 19300395, E-ISSN: 21689229, ISBN-13: 9781424481682, DOI: 10.1109/ICSENS.2010.5690425, Article number: 5690425, Publisher: Institute of Electrical and Electronics Engineers Inc.

**Optical receivers in 0.35 μm BiCMOS**  
Milovanec, Dinka<sup>1</sup>, Brandt, Paul<sup>1</sup>, Zimmermann, Horst<sup>1</sup>  
Source: *Formal Proceedings of the 2016 IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems, DDECS 2016, May 19-22, 2016*, ISBN: 9781509024674, DOI: 10.1109/DDECS.2016.7544444, Article number: 7544444, Publisher: Institute of Electrical and Electronics Engineers Inc.

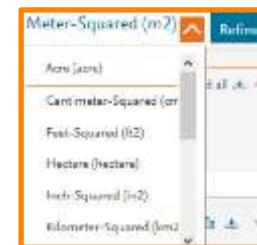
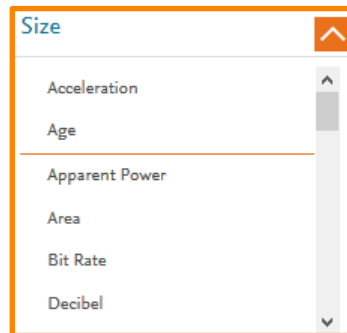
**Abstract:**  
We report design, fabrication and operation of a silicon acoustic delay line suitable for low voltage (1-5 V) and high-frequency (10 MHz-10 GHz) operations and implementation of signal processing and transversal filters. The acoustic delay line is implemented in a 0.35 μm BiCMOS technology.

## 3- Uso do Filtro Numérico

Seleção Propriedade Física

Operador e Valor

Unidade



# Qualidade, Diversidade, Relevância e Amplitude

## Top Publishers

### 1. Conteúdo Estabelecido:

Livros,  
Teses  
Dissertações



### 2. Conteúdo Histórico, Inovador:

Artigos Científicos  
Documentos de Conferências



### 3. Conteúdo Aplicado:

Normas Técnicas

## Top Standards



Uma plataforma de pesquisa e descoberta em **Engenharia e Tecnologia**

## *Tenha o Controle de sua pesquisa*

### Encontre o que **você precisa**



Identifique pesquisa únicas



Gere novas ideias



Mantenha-se atualizado



Entenda sobre novas temáticas



Identifique Pares e Colaboradores



Acompanhe a comunidade mundial

### Evite o que você **não precisa**



A falta de Qualidade, Precisão, Credibilidade



Conteúdo ausente



Eliminação de Duplicatas



Leitura e revisão de conteúdo irrelevante



Buscas repetidas em diferentes plataformas

Revise com o Menor Esforço e a Maior Rapidez



# Multidisciplinariedade

Disciplinas e Áreas Temáticas Relacionadas, Associadas



# Como o recurso poderá me apoiar ?

- Descoberta e revisão de literatura
- Construção de Estratégia de Busca
- Identificação de
  - Documentos de interesse, Documentos recomendados
  - Autores / Revistas / Editores / Instituições proeminentes
  - Evolução tecnológica / Estado da arte / Lacunas
- Contexto da produção científica
- Seguimento e atualização temática
  
- Evitar:
  - Perda de tempo na busca e validação de conteúdo
  - Múltiplas buscas em diferentes plataformas
  - Leitura de conteúdo irrelevante

**Portal de Periódicos CAPES:** <http://periodicos.capes.gov.br>

**1** - Acesso CAFe – Validação de Acesso

**2** - Acervo

**3** - Lista de bases

buscar base 'compendex'

**Treinamentos – Calendário e Materiais de apoio**



The screenshot shows the website interface with several elements circled in red and numbered:

- 1**: A red circle around the "Acesso CAFe" dropdown menu in the top left.
- 2**: Red circles around the "Acervo" and "Treinamentos" menu items in the top navigation bar.
- 3**: A red circle around the "Lista de bases" menu item in the top navigation bar.
- 1**: A red circle around the "Entrar" button in the top right corner.
- 1**: A red circle around the "Meu espaço" button in the top right corner.

The search bar at the bottom contains the text "Olá. O que você está procurando?" and a magnifying glass icon.

# Plataforma de busca EngineeringVillage

Search ▾ Alerts <sup>25</sup> Selected records <sup>0</sup> ? ▾ Luiz Baginski ▾

## Quick search

Search in: All fields for

AND ▾ All fields for

OR All fields for

NOT All fields for

Dropdown menu: All fields, Subject/Title/Abstract, Abstract, Author, Author affiliation, Title.

My organization X

- Elsevier - Demonstration Account - \*\* Elsevier Junior IP \*\* (Dayton)
- Change Organization
- Remote Access Activation
- Logout

Turn off AutoSuggest | + Add search field | Reset form

Databases ^ Date ▾ Language ▾ Document type ▾ Sort by ▾ Browse indexes ▾ Autostemming ▾ Discipline ▾ Treatment ▾

All  Compendex  Inspec  NTIS  PaperChem  Chimica  CBNB

EnCompassLIT  EnCompassPAT  GEOBASE  GeoRef  US Patents  EP Patents

Knovel

## Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614 resultados**,
2. para ferrovias de trens
3. com extensão maior ou igual a 4 km

Quick search: All fields

for

[Turn off AutoSuggest](#)[Databases](#) ^[Date](#) ▾[Language](#) ▾[Document type](#) ▾[Sort by](#) ▾[Browse indexes](#) ▾[Auto](#)**49,614 records** found in Compendex for 1884-2018: ((bridges and concrete) WN All fields)[Alert](#) [Save](#) [RSS](#)**Refine** <<

Numeric filter ⓘ ▾

By category

[Download all](#) ⬇ ^[Limit to](#)[Exclude](#)1.  **Impact in highway prestressed concrete bridges**Wang, T.L. (Florida Intl Univ, Miami, United States); Shahawy, M.; Huang, D  
525-534, Jul 17 1992

Database: Compendex

[Detailed](#) [Show preview](#) ▾ [Cited by in Scopus \(15\)](#)[Full text](#) ↗

Numeric filter ⓘ ▾

**Refine results**[Limit to](#)[Exclude](#)

Controlled vocabulary

[🔍](#) [⬇](#) ▾

Author

[🔍](#) [⬇](#) ▾

Author affiliation

[🔍](#) [⬇](#) ▾

Classification code

[🔍](#) [⬇](#) ▾

Country

[🔍](#) [⬇](#) ▾

Document type

[🔍](#) [⬇](#) ▾

Language

[🔍](#) [⬇](#) ▾

Year

[🔍](#) [⬇](#) ▾

Source title

[🔍](#) [⬇](#) ▾

Publisher

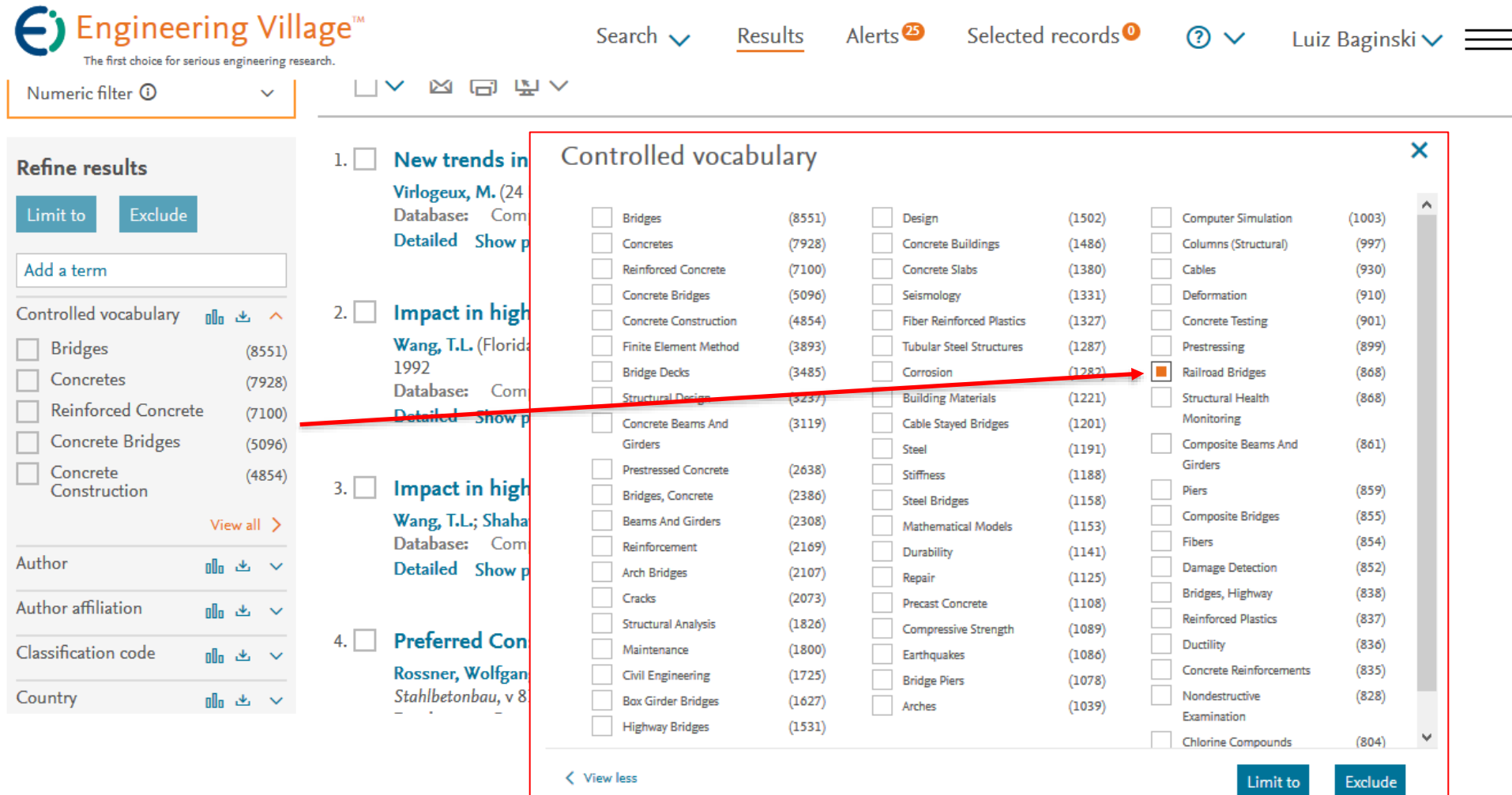
[🔍](#) [⬇](#) ▾

Funding sponsor

[🔍](#) [⬇](#) ▾[Limit to](#)[Exclude](#)

# Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km



The screenshot shows the Engineering Village search interface. The top navigation bar includes 'Search', 'Results', 'Alerts 25', 'Selected records 0', and the user name 'Luiz Baginski'. A 'Numeric filter' dropdown is visible. On the left, the 'Refine results' panel shows 'Controlled vocabulary' with a list of terms and their counts. A 'Controlled vocabulary' modal window is open, displaying a grid of terms. A red arrow points from the 'Railroad Bridges' term in the modal to the 'Railroad Bridges' term in the left panel. The modal also shows a 'Limit to' and 'Exclude' button at the bottom right.

**Engineering Village™**  
The first choice for serious engineering research.

Search Results Alerts 25 Selected records 0 Luiz Baginski

Numeric filter

**Refine results**

Limit to Exclude

Add a term

Controlled vocabulary

Bridges (8551)

Concretes (7928)

Reinforced Concrete (7100)

Concrete Bridges (5096)

Concrete Construction (4854)

View all >

Author

Author affiliation

Classification code

Country

**Controlled vocabulary**

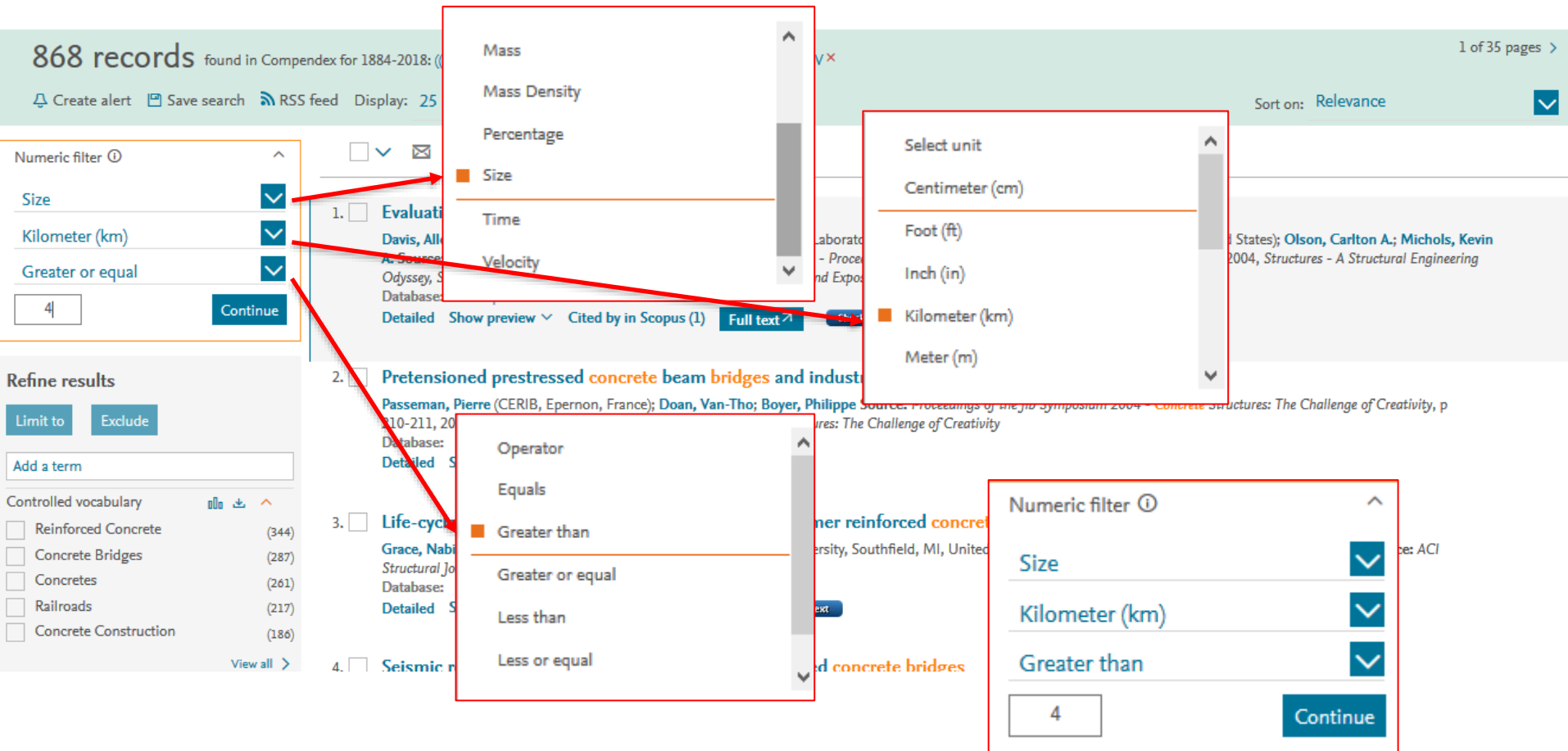
<input type="checkbox"/> Bridges (8551)	<input type="checkbox"/> Design (1502)	<input type="checkbox"/> Computer Simulation (1003)
<input type="checkbox"/> Concretes (7928)	<input type="checkbox"/> Concrete Buildings (1486)	<input type="checkbox"/> Columns (Structural) (997)
<input type="checkbox"/> Reinforced Concrete (7100)	<input type="checkbox"/> Concrete Slabs (1380)	<input type="checkbox"/> Cables (930)
<input type="checkbox"/> Concrete Bridges (5096)	<input type="checkbox"/> Seismology (1331)	<input type="checkbox"/> Deformation (910)
<input type="checkbox"/> Concrete Construction (4854)	<input type="checkbox"/> Fiber Reinforced Plastics (1327)	<input type="checkbox"/> Concrete Testing (901)
<input type="checkbox"/> Finite Element Method (3893)	<input type="checkbox"/> Tubular Steel Structures (1287)	<input type="checkbox"/> Prestressing (899)
<input type="checkbox"/> Bridge Decks (3485)	<input type="checkbox"/> Corrosion (1282)	<input checked="" type="checkbox"/> Railroad Bridges (868)
<input type="checkbox"/> Structural Design (3237)	<input type="checkbox"/> Building Materials (1221)	<input type="checkbox"/> Structural Health Monitoring (868)
<input type="checkbox"/> Concrete Beams And Girders (3119)	<input type="checkbox"/> Cable Stayed Bridges (1201)	<input type="checkbox"/> Composite Beams And Girders (861)
<input type="checkbox"/> Prestressed Concrete (2638)	<input type="checkbox"/> Steel (1191)	<input type="checkbox"/> Piers (859)
<input type="checkbox"/> Bridges, Concrete (2386)	<input type="checkbox"/> Stiffness (1188)	<input type="checkbox"/> Composite Bridges (855)
<input type="checkbox"/> Beams And Girders (2308)	<input type="checkbox"/> Steel Bridges (1158)	<input type="checkbox"/> Fibers (854)
<input type="checkbox"/> Reinforcement (2169)	<input type="checkbox"/> Mathematical Models (1153)	<input type="checkbox"/> Damage Detection (852)
<input type="checkbox"/> Arch Bridges (2107)	<input type="checkbox"/> Durability (1141)	<input type="checkbox"/> Bridges, Highway (838)
<input type="checkbox"/> Cracks (2073)	<input type="checkbox"/> Repair (1125)	<input type="checkbox"/> Reinforced Plastics (837)
<input type="checkbox"/> Structural Analysis (1826)	<input type="checkbox"/> Precast Concrete (1108)	<input type="checkbox"/> Ductility (836)
<input type="checkbox"/> Maintenance (1800)	<input type="checkbox"/> Compressive Strength (1089)	<input type="checkbox"/> Concrete Reinforcements (835)
<input type="checkbox"/> Civil Engineering (1725)	<input type="checkbox"/> Earthquakes (1086)	<input type="checkbox"/> Nondestructive Examination (828)
<input type="checkbox"/> Box Girder Bridges (1627)	<input type="checkbox"/> Bridge Piers (1078)	<input type="checkbox"/> Chlorine Compounds (804)
<input type="checkbox"/> Highway Bridges (1531)	<input type="checkbox"/> Arches (1039)	

< View less

Limit to Exclude

## Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km – filtro numérico **size >= 4km** – **30 resultados**



The screenshot displays a search results page with 868 records. The interface includes a search bar, navigation options (Create alert, Save search, RSS feed, Display: 25), and a sort dropdown set to Relevance. A numeric filter is applied to the 'Size' field, set to 'Greater or equal' with a value of 4. The filter is highlighted with a red box, and red arrows point to the 'Size' dropdown, the 'Greater or equal' dropdown, and the input field containing '4'. A second red box highlights the 'Size' dropdown menu, which is open, showing options: Mass, Mass Density, Percentage, Size (selected), Time, and Velocity. A third red box highlights the 'Select unit' dropdown menu, which is open, showing options: Centimeter (cm), Foot (ft), Inch (in), Kilometer (km) (selected), and Meter (m). A fourth red box highlights the 'Operator' dropdown menu, which is open, showing options: Operator, Equals, Greater than (selected), Greater or equal, Less than, and Less or equal. The 'Refine results' section on the left shows a list of controlled vocabulary terms: Reinforced Concrete (344), Concrete Bridges (287), Concretes (261), Railroads (217), and Concrete Construction (186). The main results list shows the first three items: 1. Evaluation, 2. Pretensioned prestressed concrete beam bridges and industry, and 3. Life-cycle.

## Exemplo de busca:

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km – filtro numérico **size >= 4km** – **30** resultados

27 records found in Compendex for 1884-2018: ((bridges and concrete) WN ALL) × + {railroad bridges} WN CV × + (NU\_SIZE GTE 4 km) ×

1 of 2 p

Create alert Save search RSS feed Display: 25 results per page

Sort on: Relevance

Numeric filter ⓘ

Size ▾

Kilometer (km) ▾

Greater than ▾

Continue

n-Geogje fixed link: **Concrete durability design for the bridges and tunnels**  
... Source: *Proceedings of the 3rd International Conference on Bridge Maintenance, Safety and Management - Maintenance, Safety, Management, Life-Cycle Performance and Cost*, p 827-828, 2006, *Proceedings of the 3rd International Conference on Bridge Maintenance, Safety and Management - Bridge Maintenance, Safety, Management, Life-Cycle Performane and Cost*  
Database: Compendex  
Detailed Show preview ▾ [Check Local Full-text](#)

Correy's Linea 2 extension viaduct in monterre  
... (Garcia **Bridge Engineers**, Tallahassee  
the PCI Annual Convention and **Bridge Conference: Think Globally, Build Locally**, *Proceedings and Bridge Conference: Think Globally, Build Locally, Proceedings*  
Database: Compendex  
Detailed Show preview ▾ [Check Local Full-text](#)

3.  **Long-term seismic performance of reinforced concrete**  
... (Department of Construction Engineering, National  
*Earthquake Engineering and Structural Dynamics*, v 42, n 14, p 211  
Database: Compendex  
Detailed Show preview ▾ Cited by in Scopus (14) [Full text](#)

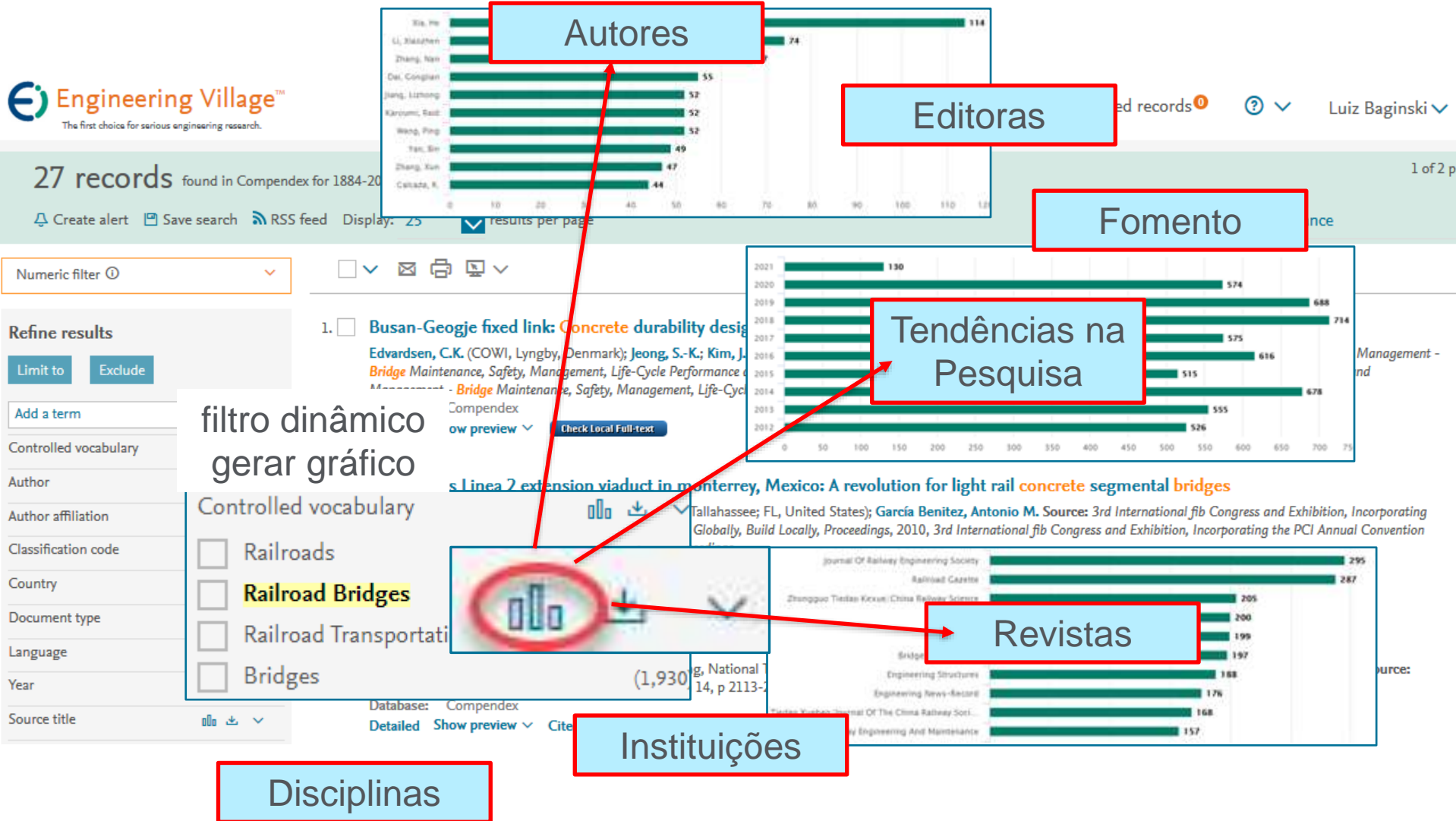
Processo de filtragem:

0. 28.000.000
1. 49.614
2. 1.189
3. 30





# Análise Contextual (*railroad bridges*) – Mais Relevantes



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Create alert Save search RSS feed Display: 25 results per page

**Disciplinas**

- Railroads
- Railroad Bridges**
- Railroad Transportation
- Bridges

**Autores**

Author	Count
Shi, He	114
Li, Xiaohui	74
Zhang, Nan	55
Del, Conglan	52
Jiang, Litzhong	52
Karjane, Gadi	52
Wang, Ping	49
Tan, Bin	47
Zhang, Kun	44
Chenata, K.	44

**Editoras**

**Fomento**

**Tendências na Pesquisa**

Year	Count
2021	130
2020	574
2019	688
2018	714
2017	575
2016	616
2015	515
2014	678
2013	555
2012	526

**Revistas**

Journal	Count
Journal of Railway Engineering Society	295
Railroad Gazette	287
Zhongguo Tiedao Kexue (China Railway Science)	205
Bridge	200
Engineering Structures	197
Engineering News-Record	188
Engineering News-Record Of The China Railway Society	176
Journal of Bridge Engineering	168
Journal of Bridge Engineering	157

**Instituições**

**Busan-Geogje fixed link: Concrete durability design**  
Edvardsen, C.K. (COWI, Lyngby, Denmark); Jeong, S.-K.; Kim, J.  
*Bridge Maintenance, Safety, Management, Life-Cycle Performance*  
M..... - *Bridge Maintenance, Safety, Management, Life-Cycle*

**Linea 2 extension viaduct in monterrey, Mexico: A revolution for light rail concrete segmental bridges**  
Tallahassee, FL, United States); Garcia Benitez, Antonio M. Source: *3rd International fib Congress and Exhibition, Incorporating Globally, Build Locally, Proceedings, 2010, 3rd International fib Congress and Exhibition, Incorporating the PCI Annual Convention*

Database: Compendex  
Detailed Show preview Cite

1,930

14, p 2113-

Controlled vocabulary  
Author  
Author affiliation  
Classification code  
Country  
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# Um Registro – Resumo e Índices (*Abstract & Indexes*)



< Back to results

Full text

Check Local Full-text



Abstract

Detailed

Compendex Refs 5

PlumX Metrics

See details

Usage

Abstract Views: 1

Captures

Readers: 2

**Metrorrey's linea 2 extension viaduct:** A revolution for light-rail precast concrete segmental bridges

Baamonde, Juan José Goñi<sup>1</sup>; Garcia, A

Source: *PCI Journal*, v 54, n 4, p 175  
Precast/Prestressed Concrete Instit

Author affiliation: <sup>1</sup> Department of

**Abstract:** Metro of Monterrey's new includes a revolutionary concept for 37-m-long (121 ft), 9.2-m-wide (30 structure envelope, which reduces structural reinforcement per cubic m bridges typically contain concrete w and longitudinal internal tendons. light-rail bridges. (5 refs)

Main heading: **Precast concrete**

- Dados Bibliográficos  
Título, Autor, Resumo  
Vocabulário  
Controlado - Tesouro  
Não Controlado – Palavras-chave
- Link ao texto completo
- Referências bibliográficas
- Documentos relacionados
- Métricas  
Científicas/Citações (Scopus)  
Não Científicas Redes Sociais (*PlumX*)
- Exportação Citação  
Dados bibliográficos, Gestores - *Mendeley*

Related Documents

**Dynamic test and analysis of curved bridges**

Huang, Dongzhou  
(2005) *Transportation Research Record*  
Database: *Compendex*

**Dynamic tests of curved concrete**

Rodrigues, Jorge ; Ledesma, Maíra  
(2014) *Proceedings of the International Structural Dynamic*, *EURODYN*  
Database: *Compendex*

**Experimental research on noise of concrete box-girder bridges on in**

Li, Xiaozhen ; Zhang, Xun ; Zhang  
(2015) *Proceedings of the Institution of Engineers, Part F: Journal of Rail and*  
Database: *Compendex*

Tools in Scopus

This article has been cited 2 times

Wu, X.; Liu, X.

**Cause analysis and preventive measures of longitudinal cracks in bottom slab bridges**

(2011) *2011 International Conference*

1. Texto:

1.1 Citações

1.2 Resumos e Índices (A&I)

1.3 Texto completo

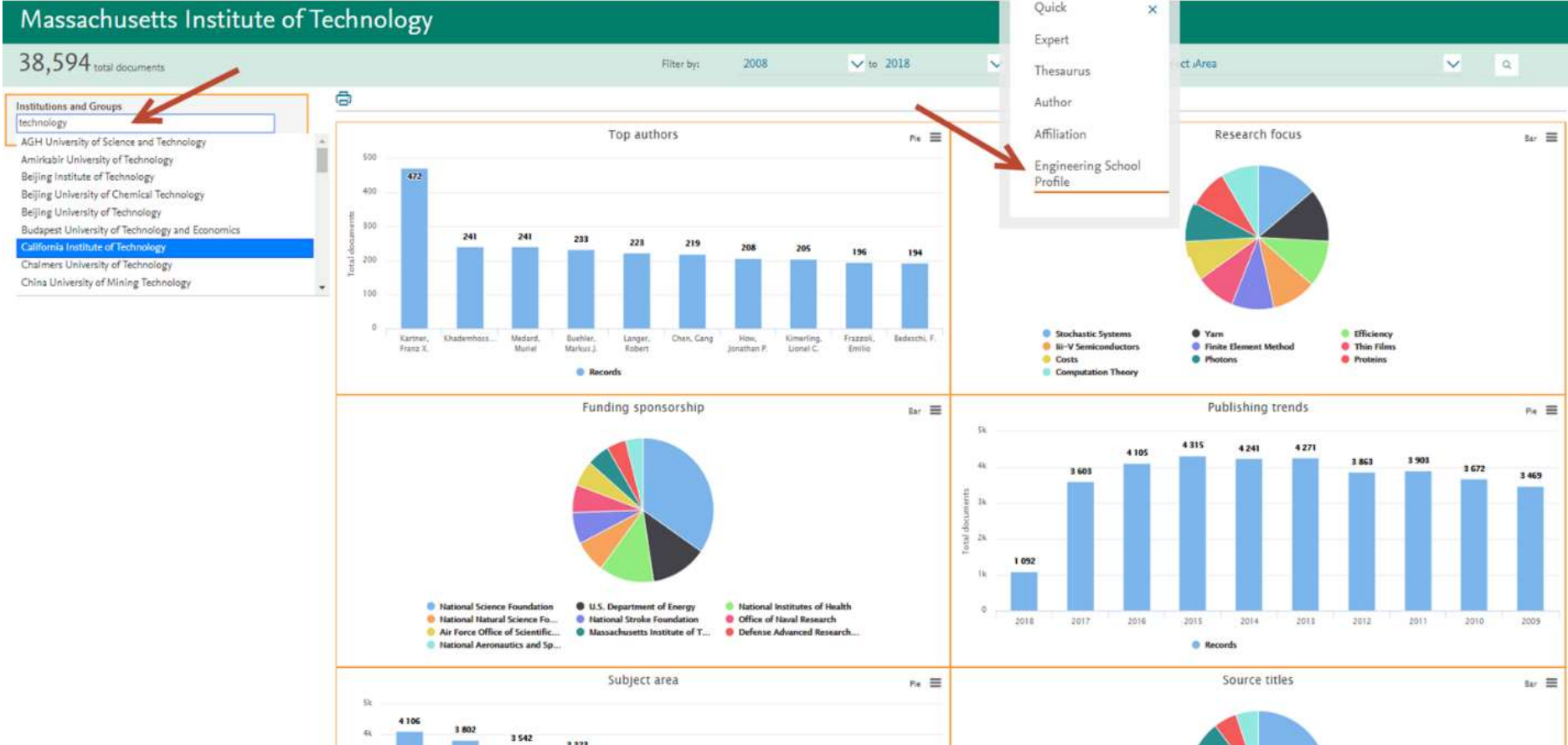
2. Dados ou Numérica

3. Mapas

4. Vídeos/filmes/imagens

# O Perfil de Pesquisa (*Engineering Research Profile*)

- Number of documents
- Top Authors
- Subject areas
- Research focus
- Source titles
- Funding sources
- Published in last past 10 years



# Material de apoio

## Researcher Academy

### Apresentação

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