



# Constitution et analyse d'un corpus documentaire à partir d'Istex

Écoles doctorales de Nantes - 16 mai 2025

[mathilde.huguin@inist.fr](mailto:mathilde.huguin@inist.fr)

Ingénieure de recherche / PhD - Inist-CNRS

# Programme



01

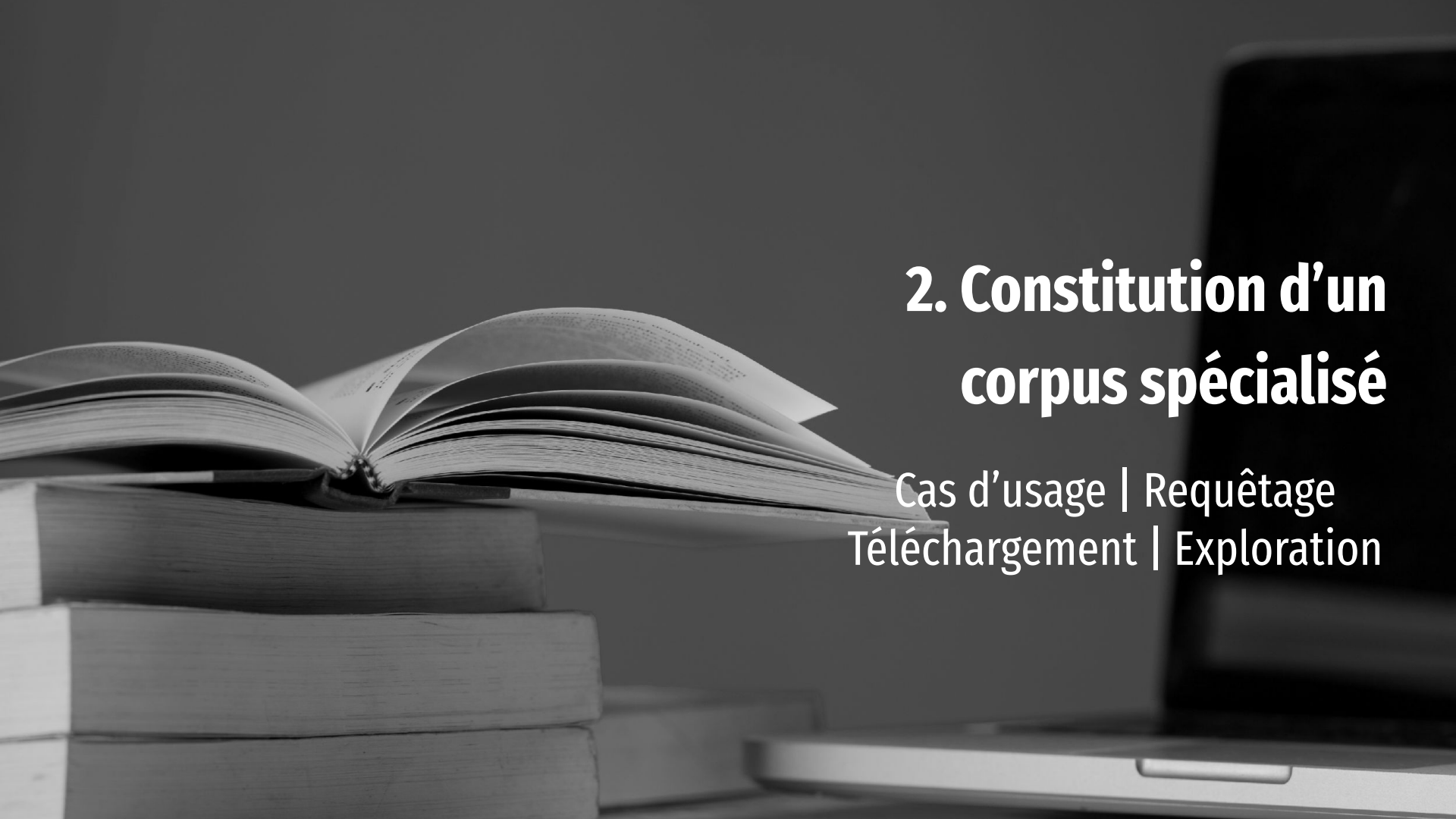
Istex et les outils associés

02

Constitution d'un corpus spécialisé à partir des ressources Istex

03

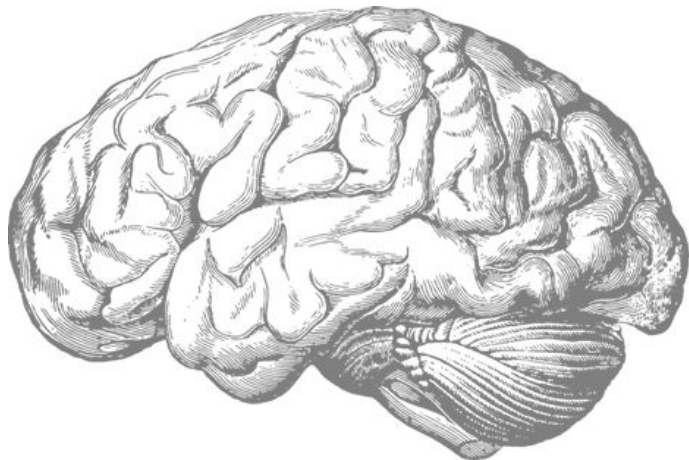
Manipulations des outils présentés

A grayscale photograph of a stack of books. The top book is open, showing its pages. To the right, a laptop is partially visible, its screen dark. The background is a solid dark gray.

## **2. Constitution d'un corpus spécialisé**

Cas d'usage | Requêtage  
Téléchargement | Exploration

# Cas d'usage



**Besoin :** *recherche en collaboration avec des chercheurs en psychologie et en neurosciences pour constituer un thésaurus sur la mémoire humaine pour : indexer des publications ou des ressources ; uniformiser la terminologie du domaine ; répertorier les concepts issus de la recherche cognitive sur la mémoire humaine*

## Méthodologie

- Vérifier la pertinence scientifique du corpus en collaboration avec les experts
- Affiner ou enrichir le corpus au moyen d'outils propres à Istex en vue d'une exploitation TDM
- Extraire la terminologie

# Méthodologie



**2 phases  
&  
2 outils**

**1 Pertinence  
scientifique**

Istex Search : construction et  
affinement requête,  
extraction corpus v0

Lodex : examen de la pertinence  
du corpus grâce aux  
datavisualisations & aux facettes

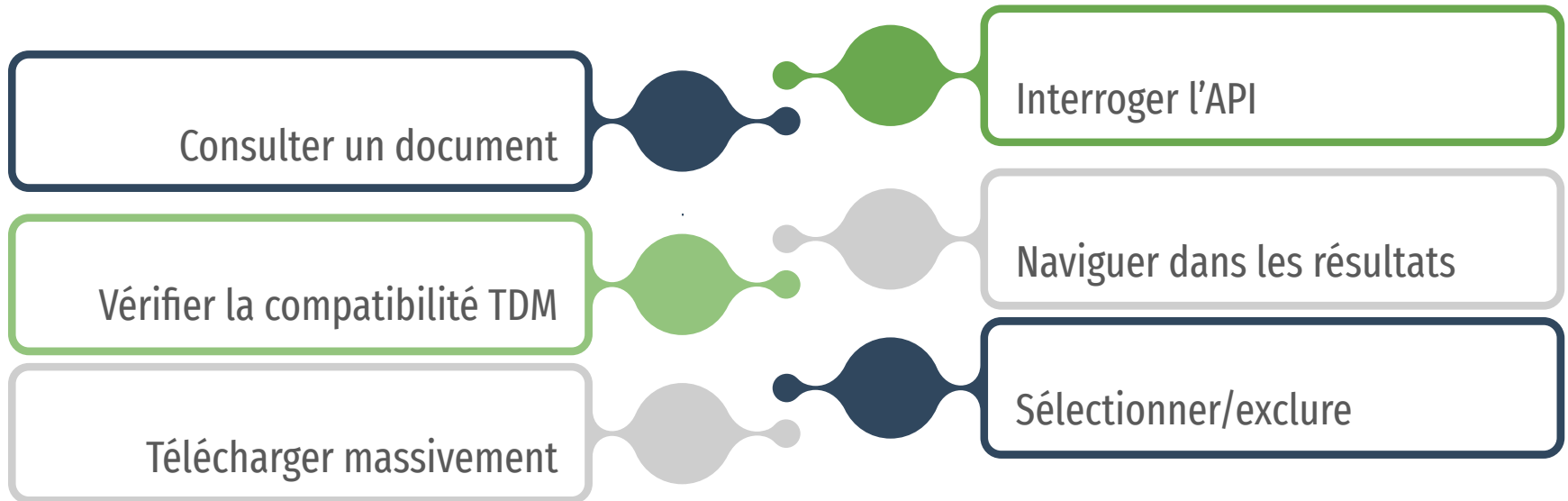
**2 Exploitabilité  
TDM**

Istex Search : examen des  
indicateurs techniques pertinents

A black and white photograph of a man with a beard and glasses, looking down at a laptop. He is surrounded by large stacks of books on both sides, creating a sense of a vast library or research environment. The text "Présentation d'Istex Search" is overlaid in the center.

# **Présentation d'Istex Search**

# Présentation d'Istex Search



# Présentation d'Istex Search

## 1 corpus en 3 étapes

### Requête

Plusieurs modes de recherche vous permettent d'interroger Istex : la recherche simple, la recherche assistée et l'import d'une liste d'identifiants.

### Exploration

Différents filtres et indicateurs sont à votre disposition pour analyser le contenu du corpus et affiner votre requête pour obtenir un corpus de qualité.

### Téléchargement

Istex Search propose de télécharger jusqu'à 100 000 documents en choisissant les données (métadonnées, textes intégraux, enrichissements) dans des formats adaptés à vos besoins.

[Tutoriels & aide](#)

[Site](#)

# Présentation d'Istex Search

## 3 modes d'interrogation

Créez votre requête





RECHERCHER

Testez des exemples de requêtes

Réchauffement climatique

Émile Durkheim

Traduction & IA

Toxicité de l'éphédrine

Frida Kahlo : une icône

Débarquement de Normandie

# Présentation d'Istex Search

## Recherche simple

### Résultats de votre requête

1 775 documents trouvés

("traduction automatique" "machine translation") AND language:("fre" "eng") AND (categories.scienceMetrix:"artificial intelligence" OR categories.wos:"artificial intelligence" OR categories.scopus:"artificial intelligence")

RECHERCHER

Votre requête brute : [https://api.istex.fr/document?q=\(\"traduction automatique\" \"machine translation\"\) AND language:\(\"fre\" \"eng\"\) AND \(categories.sc...](https://api.istex.fr/document?q=(\)

REQUÊTE BRUTE

# Requêtage

## Recherche assistée

**Assistant à la construction de requête**

🔍 📄 📄

+ AJOUTER UNE RÈGLE + AJOUTER UN GROUPE 🔁 RÉINITIALISER

AND ▾

Date de publication ▾ est entre ▾ 1990 - 2023 ✕

+ AJOUTER UNE RÈGLE + AJOUTER UN GROUPE ✕ SUPPRIMER

AND ▾

Titre article ou chapitre ▾ contient ▾ chat ✕

Titre article ou chapitre ▾ contient ▾ chien ✕

RECHERCHER

# Requêtage

## Recherche par identifiants

### Résultats de votre import

34 documents trouvés

ark:/67375/1BB-7BF8FH47-P  
ark:/67375/6H6-9JK6PB9C-T  
ark:/67375/6H6-HB2ZZ0RZ-Q  
ark:/67375/6GQ-4CQTLCXK-0  
ark:/67375/6H6-3GMLKFXS-0  
ark:/67375/6H6-6D7VXGZ6-5  
ark:/67375/QT4-LMRSM4SM-1  
ark:/67375/6H6-B67ZSQ4N-J



RECHERCHER

# Présentation d'Istex Search

## Filtres

**Résultats de votre requête** 1775 documents trouvés

("traduction automatique" "machine translation") AND language:("fre" "eng") AND (categories.scienceMetric:"artificial intelligence" OR categories.wos:"artificial intelligence" OR categories.scopus:"artificial intelligence")

RECHERCHER

Votre requête brute : [https://api.istex.fr/document?q=\("traduction automatique" "machine translation"\) AND language:\("fre" "eng"\) AND \(categories.sc...](https://api.istex.fr/document?q=("traduction automatique" "machine translation") AND language:("fre" "eng") AND (categories.sc...)

afficher : 10 trier par : pertinence & qualité

**BOUQUET (8)**

Rechercher

- ☐ springer-journals 869
- ☐ elsevier 582
- ☐ cambridge 170
- ☐ wiley 129
- ☐ emerald 10

APPLIQUER

**LANGUE (2)**

Rechercher

- ☐ anglais 1766
- ☐ français 9

**Indicateurs sur votre corpus (1 775 documents)**

Résumé 68 % 1202 doc.

PDF texte 99 % 1758 doc.

Texte nettoyé 61 % 1077 doc.

Langue de publication 99 %

- anglais : 1766 doc. (99,5 %)
- français : 9 doc. (0,5 %)

**Compatibilité avec les passerelles (1 775 documents)**

LODEX (100 %) 1775 doc.

GARGANTEXT (100 %) 1775 doc.

CORTEXT (100 %) 1775 doc.

TEI CLEANED 1077 doc.

TEI TEPT 1596 doc.

**TÉLÉCHARGER LE CORPUS (1 775)**

**Towards an analyzer (parser) in a machine translation system based**

**Reversible logic grammars for natural language parsing and**

# Présentation d'Istex Search

Tris

Votre requête brute : [https://api.istex.fr/document?q=\(\"traduction automatique\" \"machine translation\"\) AND language:\(\"fre\" \"eng\"\) AND \(categories.scienceMetr...](https://api.istex.fr/document?q=(\)

**BOUQUET (8)**

Rechercher

- ☐ springer-journals 869
- ☐ elsevier 582
- ☐ cambridge 170
- ☐ wiley 129
- ☐ emerald 10

APPLIQUER

**LANGUE (2)**

Rechercher

- ☐ anglais 1 766
- ☐ français 9

APPLIQUER

**DATE DE PUBLICATION**

RÉPERIOIRE ANNÉE

afficher : 10 trier : pertinence & qualité

**Indicateurs sur votre sélection aléatoire (1 775 documents)**

- Résumé : 68 % (1 212 doc.)
- date de publication : 99 % (1 758 doc.)
- titre : 99 % (1 758 doc.)
- Texte nettoyé : 61 % (1 077 doc.)
- Langue de publication : 99 % (anglais : 1 766 doc. (99,5 %) ; français : 9 doc. (0,5 %))

**Compatibilité avec les passerelles (1 775 documents)**

- LODEX (100 %) : JSON 1 775 doc.
- GARGANTEXT (100 %) : JSON 1 775 doc.
- CORTEXT (100 %) : TEI 1 775 doc., CLEANED 1 077 doc., TEEFT 1 596 doc.

**Towards an analyzer (parser) in a machine translation system based on ideas from expert systems**

*Computational Intelligence*

Yusoff Zaharin

**TÉLÉCHARGER LE CORPUS (1 775)**

the domain of machine translation. GETA's software system, APRIANE 78, has been tested over various pairs

**Reversible logic grammars for natural language parsing and generation**

*Computational Intelligence*

Tomek Strzalkowski

The use of a single grammar in natural language parsing and generation is most desirable for a variety of reasons, including efficiency, perspicuity, integrity, robustness, and a certain amount of elegance. There

# Présentation d'Istex Search

## Indicateurs

**Résultats de votre requête**

1 775 documents trouvés

("traduction automatique" "machine translation") AND language:("fre" "eng") AND (categories.scienceMetrix:"artificial intelligence" OR categories.wos:"artificial intelligence" OR categories.scopus:"artificial intelligence")

**RECHERCHER**

Votre requête brute : [https://api.istex.fr/document?q=\(\"traduction automatique\" \"machine translation\"\) AND language:\(\"fre\" \"eng\"\) AND \(categories.sc...](https://api.istex.fr/document?q=(\)

afficher : 10 trier par : pertinence & qualité

**BOUQUET (8)**

Rechercher

- ☐ springer-journals 869
- ☐ elsevier 582
- ☐ cambridge 170
- ☐ wiley 129
- ☐ emerald 10

APPLIQUER

**LANGUE (2)**

Rechercher

- ☐ anglais 1 766
- ☐ français 9

**Indicateurs sur votre corpus (1 775 documents)**

Résumé : 68 % (1 212 doc.)

PDF texte : 99 % (1 758 doc.)

Texte nettoyé : 61 % (1 077 doc.)

Langue de publication : 99 % (anglais : 1 766 doc. (99,5 %) ; français : 9 doc. (0,5 %))

**Compatibilité avec les passerelles (1 775 documents)**

LODEX (100 %) : 350N (1 775 doc.)

GARGANTEXT (100 %)

CORTEXT (100 %) : TEI (1 775 doc.), CLEANED (1 077 doc.), TEGT (1 596 doc.)

**TÉLÉCHARGER LE CORPUS (1 775)**

Towards an analyzer (parser) in a machine translation system based

Reversible logic grammars for natural language parsing and



# Présentation d'Istex Search

## Sélection de documents

BOUQUET (8)

Rechercher

▼

☐ springer-journals

☐ elsevier

☐ cambridge

☐ wiley

☐ emerald

869

582

170

129

10

▲

APPLIQUER

X

LANGUE (2)

Rechercher

▼

☐ anglais

☐ français

1766

9

▲

APPLIQUER

X

DATE DE PUBLICATION

PÉRIODE

ANNÉE

Année (1966 à 2016)

1966

à

2016

APPLIQUER

X

TYPE DE PUBLICATION (1)

Rechercher

▼

trier par : pertinence & qualité ▼

Indicateurs sur votre corpus (1 775 documents)

Compatibilité avec les passerelles (1 775 documents)

Towards an analyzer (parser) in a machine translation system based on ideas from expert systems

Computational Intelligence

Yusoff Zaharin

GETA (Groupe d'études pour la traduction automatique) is a research team working basically in the domain of machine translation. GETA's software system, ARIANE-78, has been tested over various pairs of relatively unrelated languages. Being a product of the late seventies, the system misses out on some of...

☑ DÉSÉLECTIONNER

Reversible logic grammars for natural language parsing and generation

Computational Intelligence

Tomek Strzalkowski

The use of a single grammar in natural language parsing and generation is most desirable for a variety of reasons, including efficiency, perspicuity, integrity, robustness, and a certain amount of elegance. These characteristics have been noted before by several researchers, but it was only recently that more serious...

☑ DÉSÉLECTIONNER

METABANK: A KNOWLEDGE-BASE OF METAPHORIC LANGUAGE CONVENTIONS

Computational Intelligence

James H. Martin

The frequent and conventional use of nonliteral language has been a major stumbling block for natural language processing systems since the early machine translation efforts. Metaphor, metonymy, and indirect speech acts are among the most troublesome phenomena. Recent computational efforts addressing...

☐ SÉLECTIONNER

A proposed expert system for word sense disambiguation: deductive ambiguity resolution based on dat...

Expert Systems

S.M. Fakhrahmad, M.H. Sadreddini, M. Zolghadri J...

One of the major issues in the process of machine translation is the problem of choosing the proper translation for a multi-sense word referred to as word sense disambiguation (WSD). Two commonly used approaches to this problem are statistical and example-based methods. In statistical methods, ambiguity...

☐ SÉLECTIONNER

Lighthill 17 years on

TÉLÉCHARGER LE CORPUS (2)

A Pattern-Based Approach Using Compound Unit Recognition and Its Hybridization with Rule-Based...

Computational Intelligence

18

# Présentation d'Istex Search

## Exclusion de documents

BOUQUET (8)

Rechercher

☐ springer-journals 869  
☐ elsevier 582  
☐ cambridge 170  
☐ wiley 129  
☐ emerald 10

APPLIQUER

LANGUE (2)

Rechercher

☐ anglais 1 766  
☐ français 9

APPLIQUER

DATE DE PUBLICATION

PÉRIODE ANNÉE

Année (1966 à 2016)

1966 à 2016

APPLIQUER

TYPE DE PUBLICATION (1)

Rechercher

☐ L'express 1 336

trier par pertinence & qualité

Indicateurs sur votre corpus (1 775 documents)

Compatibilité avec les passerelles (1 775 documents)

Towards an analyzer (parser) in a machine translation system based on ideas from expert systems

Computational Intelligence

Yusoff Zaharin

GETA (Groupe d'études pour la traduction automatique) is a research team working basically in the domain of machine translation. GETA's software system, ARIANE-78, has been tested over various pairs of relatively unrelated languages. Being a product of the late seventies, the system misses out on some of...

INCLURE

Reversible logic grammars for natural language parsing and generation

Computational Intelligence

Tomek Strzalkowski

The use of a single grammar in natural language parsing and generation is most desirable for a variety of reasons, including efficiency, perspicuity, integrity, robustness, and a certain amount of elegance. These characteristics have been noted before by several researchers, but it was only recently that more serious...

INCLURE

METABANK: A KNOWLEDGE-BASE OF METAPHORIC LANGUAGE CONVENTIONS

Computational Intelligence

James H. Martin

The frequent and conventional use of nonliteral language has been a major stumbling block for natural language processing systems since the early machine translation efforts. Metaphor, metonymy, and indirect speech acts are among the most troublesome phenomena. Recent computational efforts addressing...

EXCLURE

A proposed expert system for word sense disambiguation: deductive ambiguity resolution based on dat...

Expert Systems

S.M. Fakhrahmad, M.H. Sadreddini, M. Zolghadri J...

One of the major issues in the process of machine translation is the problem of choosing the proper translation for a multi-sense word referred to as word sense disambiguation (WSD). Two commonly used approaches to this problem are statistical and example-based methods. In statistical methods, ambiguity...

EXCLURE

Lighthill 17 years on

Computational Intelligence

TÉLÉCHARGER LE CORPUS (1 773)

It is a common Establishment practice in the UK to ask

A Pattern-Based Approach Using Compound Unit Recognition and Its Hybridization with Rule-Based...

Computational Intelligence

19

# Présentation d'Istex Search

## Sélection de tous les documents

Rechercher

▼

☐ research-article

☐ article

☐ other

☐ book-reviews

☐ editorial

1 008

160

143

38

Lighthill 17 years on

The Knowledge Engineering Review

Martin Lam

TÉLÉCHARGER LE CORPUS (1 775)

A Pattern-Based Approach Using Compound Unit Recognition and Its Hybridization with Rule-Based...

Computational Intelligence

Hanmin Jung, Sanghwa Yuh, Taewan Kim, Sangky...

Configurez votre téléchargement

USAGE PERSONNALISÉ

LODEX

CORTEXT

GARGANTEXT

☐ Texte intégral

☐ PDF

☐ TEI

☐ TXT

☐ CLEANED

☐ ZIP

☐ TIFF

☐ Métadonnées

☐ JSON

☐ XML

☐ MODS

☐ Annexes

☐ Couvertures

☐ Enrichissements

☐ multicat

☐ nb

☐ grobidFulltext

☐ refBibs

☐ teeft

☐ unitex

Trier par : pertinence & qualité

Télécharger

1775

/ 1 775

TOUT

TÉLÉCHARGER

Usage personnalisé

Choisissez le type de données à télécharger (textes intégraux, métadonnées, enrichissements, annexes ou couvertures) et le format de ces données.

EN SAVOIR PLUS

Requête

["traduction automatique" "machine translation"] AND language: ("fre" "eng") AND (categories.scienceMetric:"artificial intelligence" OR categories.wos:"artificial intelligence" OR categories.scopus:"artificial intelligence")

Requête brute complète

https://api.istex.fr/document?q=tr["traduction automatique" "machine translation"] AND language:("fre" "eng") AND (categories.scienceMetric:"artificial intelligence" OR categories.wos:"artificial intelligence" OR categories.scopus:"artificial intelligence")

20

# Présentation d'Istex Search

## Passerelles

**Lodex** Application web open-source dédiée aux données structurées qui permet de visualiser et d'enrichir ses données puis de les transformer en site web. →

**CorText** Logiciel libre destiné à la fouille et l'analyse de corpus textuels hétérogènes proposant plusieurs traitements automatiques (clustering, visualisation de données temporelles, etc.). →

**GarganText** Logiciel libre dédié à l'exploration collaborative d'ensembles de documents combinant des outils de traitement du langage naturel, d'analyse de réseaux complexes et de visualisation interactive de données. →

**NooJ** Application destinée à l'analyse de corpus permettant de construire des ressources linguistiques (dictionnaires, grammaires) et de les appliquer à des fins d'annotation ou d'interrogation (analyse sémantique, concordances, extraction d'information, etc.). →

## Requête

# Requêtage

memory OR metarnesy OR metamemory OR  
mémoire OR métamnésie OR métamémoire

*Résultats (21-10-2024) : 1 701 374 doc.*

## Explication de la requête

- Les mots sont recherchés dans tout le document (métadonnées, texte intégral, références bibliographiques, enrichissements)
- Insensibilité à la casse
- La syntaxe Lucene autorise 3 opérateurs booléens (AND, OR, NOT) et par défaut l'espace blanc équivaut à un OR

# Requêtage

m?mor\* mnesic metamne\* m?tam?mor\*  
mémoire\* mnési\* mnémo\* métamnési\*

*Résultats (21-10-2024) : 2 664 987 doc.*

## Explication de la requête

- Rechercher des variantes morphosyntaxiques et des dérivés des mots-clés grâce à la troncature (\*)
- Mutualiser certains termes (é|e) grâce au joker (?)

# Requêtage

ENFANCES  
FAMILLES  
GÉNÉRATIONS

## Enfances Familles Générations

Revue interdisciplinaire sur la famille contemporaine

## The COVID Families

La pandémie de  
La pandemia de

McMillan, I. F., L. M. Armstrong et J. Langhinrichsen-Rohling. 2021. «Transitioning to parenthood during the pandemic: covid-19 related stressors and first-time expectant mothers' mental health», *Couple and Family Psychology: Research and Practice*, 10(3): 179-189.

McRae, C. S., N. C. Overall, A. M. E. Henderson, ... et V. T. Chang. 2021. «Parents' distress and poor parenting during a covid-19 lockdown: the buffering effects of partner support and cooperative coparenting», *Developmental Psychology*, 57(10): 1623-1632.

Meloche, K. 2022. *Les impacts des mesures sanitaires en contexte de la COVID-19 sur les personnes âgées vivant dans les centres d'hébergement de soins de longue durée au Canada (mémoire)*, École de service social, Université d'Ottawa.

Laurence Charton, Léoni Labrecque and Joseph Josy Lévy

# Requêtage

Afrique

## Afriques

New Stud  
Garima E

Nouvelles études  
Garima

Sergey Kim

The study was financed by the project ANR EthioChrisProcess: Christianisation et interactions religieuses en Éthiopie (VIe-XIIIe s.), in 2019-2020, and IRIS Scripta-PSL. Histoire et pratiques de l'écrit, in 2020-2021 (<https://scripta.psl.eu/projets/lectures-liturgiques-et-usages-memoriels-des-manuscrits-des-evangiles-dabba-garima-ethiopie-vi-xvie-s/>). I warmly thank the project supervisors Anaïs Wion and Marie-Laure Derat for scientific advice and bibliographical help, as well as Alessandro Bausi for helping obtain reproductions of the Abba Garima Gospels and Nafisa Valieva for fruitful discussions. Special thanks go to Michael Gervers for giving permission to use his photographs of manuscripts and to Alexei Pentkovsky for consulting on liturgical matters. I am grateful to two anonymous reviewers who helped a lot to correct mistakes and elucidate the exposition.

# Requêtage

Ren

## Revue des mondes musulmans et de la

Sociok  
panar

Romanciers, poètes, philosophes et historiens trouvent dans *al-Yawm al-sābi* l'espace intellectuel de leur convergence, un lieu de médiation facilitateur de leurs échanges et de la circulation transnationale (à l'échelle du monde arabe) de leurs productions écrites. Nombreux sont ceux à y avoir tenu une rubrique pendant plusieurs mois ou années, l'une des plus mémorables étant celle du poète palestinien Mahmoud Darwich<sup>11</sup>. Sa rubrique est d'ailleurs enrichie d'une correspondance littéraire qu'il entretient avec le poète palestinien Samih Al-Qasim, à partir du mois de mai 1986, et ce pendant deux années. Dans un registre lyrique, leurs échanges

### *Sociohistory of al-Yawm al-sābi': a pan-Arab magazine in exile (1984-1991)*

التاريخ الاجتماعي لـ «اليوم السابع»، مجلة عربية في المنفى (1984-1991)

# Requêtage

**title:(m?mor\* mnesic metamne\* m?tam?mor\*  
mémoire\* mnési\* mnémo\* métamnési\*)**

*Résultats (21-10-2024) : 85 689 doc.*

## Explication de la requête

- Cibler le champ interrogé
- Les noms techniques des champs sont suivis de :

# Requêtage



**L'Atelier du Centre de recherches historiques**

Revue électronique du CRH

Les thèses du CRH | 2022

---

Déposer les armes, prendre la parole. La lutte armée d'extrême gauche en Italie (1969-2015) : narrations autobiographiques, représentations historiques, controverses mémorielles

Thèse soutenue le 29 novembre 2022

*Laying Down the Guns, Taking up Writing. Left-Wing Armed Struggle in Italy (1969 - 2015): Autobiographical Narratives, Historical Representations, Memorial Controversies*

**Lorenzo De Sabbata**

# Requêtage

```
title:(m?mor* mnesic metamne* m?tam?mor*
mémoire* mnési* mnémo* métamnési*) AND
categories.wos.raw:("2 - neurosciences" "2 -
psychology" "2 - clinical neurology" "2 -
psychology, biological" "2 - psychiatry" "2 -
psychology, clinical" "2 - geriatrics &
gerontology" "2 - gerontology" "2 -
neuroimaging" "2 - behavioral sciences" "2 -
psychology, experimental")
```

*Résultats (21-10-2024) : 20 726 doc.*

## Explication de la requête

- Cibler les catégories scientifiques interrogées grâce au champ categories.wos.raw

# Requêtage

## ON MEMORY.<sup>1</sup>

BY JAMES ROSS, M.D., LL.D.

THE subject for discussion to-night is "Memory," and I presume that we are supposed to enquire into its nature, its limitations from other modes of consciousness, its laws of action, its connection with cerebral activity, and its dissolution by disease. But memory is so intertwined with every other form of mental activity, with the feelings which accompany instinctive and acquired movements, with sensations, perceptions and conceptions, with reasoning, from the simplest to the most abstract, and even with the emotions and the will, that it is simply impossible to deal with it satisfactorily in the few moments at my disposal to-night. To treat this subject with even a moderate degree of adequacy would involve the writing of a complete system of psychology, and consequently in the few remarks I have to offer I will

My *first* proposition with regard to memory is that it is a mode of consciousness, and consequently to speak of unconscious memory is a contradiction in terms. If a psychical act or an impression on the organism is wholly unperceived it cannot afterwards be recalled as a memory.

My *second* proposition is that our primary knowledge of memory is obtained by means of introspection. This knowledge is no doubt greatly extended by objective observation of the actions of other organisms, but my guarantee that anyone except myself possesses memory

<sup>1</sup> Read at a meeting of the Neurological Society in December, 1890.

# Requêtage

```
title:(m?mor* mnesic metamne* m?tam?mor*
mémoire* mnési* mnémo* métamnési*) AND
categories.wos.raw:("2 - neurosciences" "2 -
psychology" "2 - clinical neurology" "2 -
psychology, biological" "2 - psychiatry" "2 -
psychology, clinical" "2 - geriatrics &
gerontology" "2 - gerontology" "2 -
neuroimaging" "2 - behavioral sciences" "2 -
psychology, experimental") AND
publicationDate:[2000 TO *]
```

*Résultats (21-10-2024) : 13 158 doc.*

## Explication de la requête

- Limiter la recherche aux 20 dernières années grâce au champ `publicationDate`
- Utiliser un intervalle `[2000 TO *]`

A dark gray download icon consisting of a downward-pointing arrow above a horizontal bar, centered within a light gray circle.

**Téléchargement**

# Téléchargement

```
title:(m?mor* mnesic metamne* m?tam?mor*
mémoire* mnési* mnémo* métamnési*) AND
categories.wos.raw:("2 - neurosciences" "2 -
psychology" "2 - clinical neurology" "2 -
psychology, biological" "2 - psychiatry" "2 -
psychology, clinical" "2 - geriatrics &
gerontology" "2 - gerontology" "2 -
neuroimaging" "2 - behavioral sciences" "2 -
psychology, experimental") AND
publicationDate:[2000 TO *]
```

# Téléchargement

## Configurez votre téléchargement

USAGE PERSONNALISÉ

LODEX

CORTEXT

GARGANTEXT

☐ Texte intégral
 ☐ PDF
 ☐ TEI
 ☐ TXT
 ☐ CLEANED
 ☐ ZIP
 ☐ TIFF

☒ Métadonnées
 ☒ JSON
 ☐ XML
 ☐ MODS
 ☐ Annexes
 ☐ Couvertures

☐ Enrichissements
 ☐ multicat
 ☐ nb
 ☐ grobidFulltext
 ☐ refBibs
 ☐ teeft
 ☐ unitex

Trier par : pertinence & qualité ▼

Télécharger

13 158

^

▼

/ 13 158

TOUT

Format de l'archive : ZIP ▼

Compression : moyenne ▼

TÉLÉCHARGER

### Lodex

Application web open-source dédiée aux données structurées qui permet de visualiser et d'enrichir ses données puis de les transformer en site web.

[EN SAVOIR PLUS](#)

### Requête

```
title:(m?mor* mnesic metamn* m?tam?mor* mémoire* mnési* mnémo* métamnési*) AND categories.wos.raw:("2 - neurosciences" "2 - psychology" "2 - clinical neurology" "2 - psychology, biological" "2 - psychiatry" "2 - psychology, clinical" "2 - geriatrics &...
```

### Requête brute complète

```
https://api.istex.fr/document?q=title:(m?mor* mnesic metamn* m?tam?mor* mémoire* mnési* mnémo* métamnési*) AND categories.wos.raw:("2 - neurosciences" "2...
```



# Exploration

# Exploration

## *Linked Open Data EXperiment*

Application Open Source permettant de transformer un jeu de données en site web

[Site](#)

[Documentation](#)

[Tutoriels](#)

[GitHub](#)





# Présentation de Lodex

# Présentation de Lodex

## Transformer

Ses données (CSV, TXT, JSON) en site web



## Attribuer

Des identifiants pérennes (ARK)



## Exporter

Ses données dans plusieurs formats



## Explorer

Ses données à travers des graphiques dynamiques

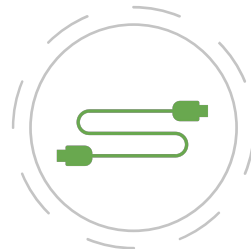
## Enrichir

Ses données avec des web-services



## Aligner

Ses données avec des référentiels



# Présentation de Lodex

## Traitement des métadonnées



 *Journal of Cultural Economics* 26: 167-184, 2002.  
© 2002 Kluwer Academic Publishers. Printed in the Netherlands.

167

### Maledizione! or the Perilous Prospects of Beethoven's Patrons

HILDA BAUMOL and WILLIAM BAUMOL  
*Playa Azul 1, Apt. 910, La Jolla, CA 92037, U.S.A.*

**Abstract.** It is tempting to conjecture that the Viennese aristocrats who provided financial support to Beethoven were afflicted by a curse. At the very least, their tales demonstrate the risks that beset even the most privileged members of their society at the onset of the nineteenth century. Here we recount the lot of six of the composer's most readily recognized supporters – Archduke Rudolph, the Princes Kinsky, Lichnowsky and Lobkowitz, Count (later prince) Razumovsky and Count Waldstein. Two of them suffered serious accidental occurrences (Kinsky's fatal fall from a horse and the Razumovsky conflagration, about which more will be said presently), the Archduke was apparently forced by arthritis to give up his beloved musical activity and five of the six (as well as other Beethoven patrons) underwent severe financial reverses, at least one of them, Waldstein, dying in poverty. In good part, these misfortunes were attributable to a combination of bad luck and the behavioral propensities of the individuals in question. But behind this story there are also the economic circumstances of the Habsburg Empire at the beginning of the nineteenth century, which constituted a threat to the wealth of the nobility in general. This paper offers some material on this more general subject as well as its biographical observations on some of Beethoven's most significant patrons.<sup>1</sup>

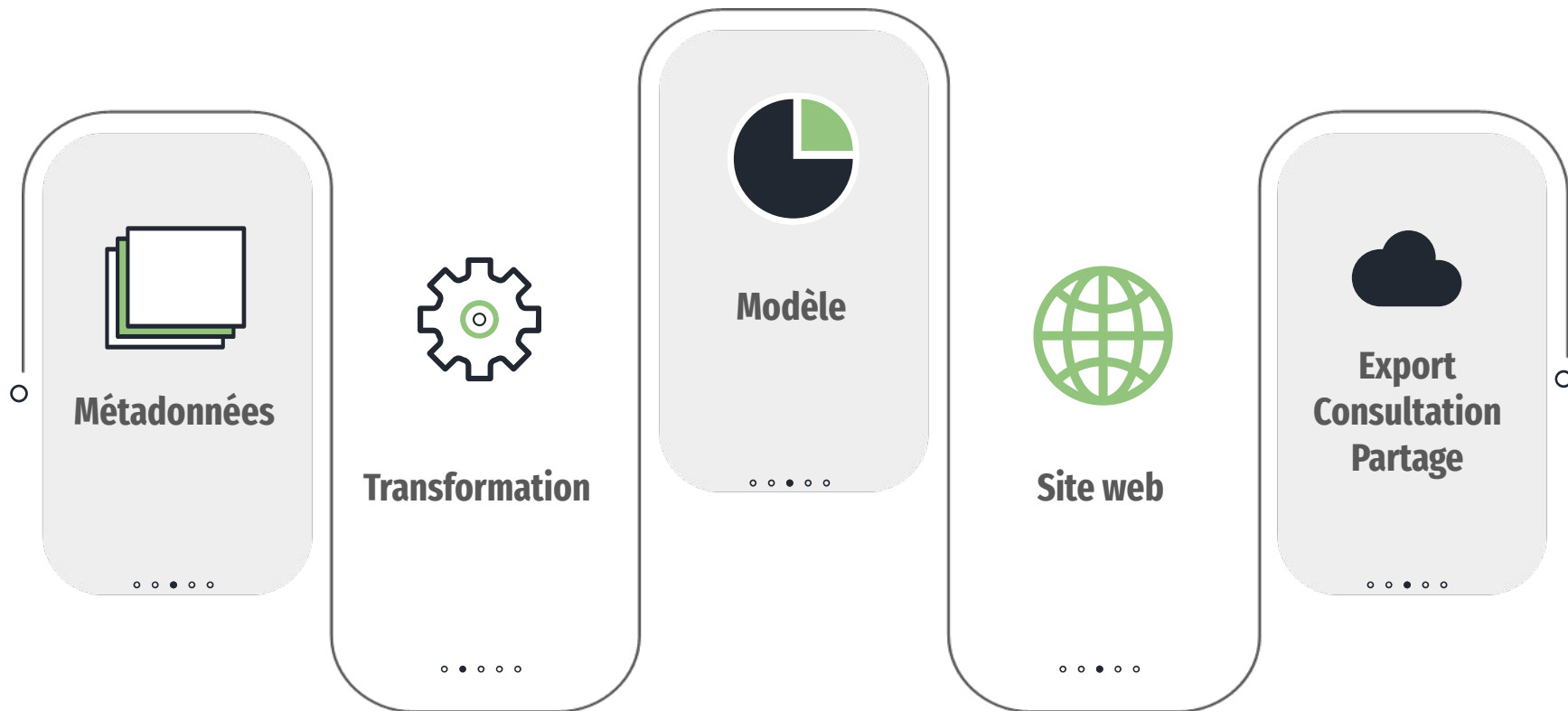
**Key words:** aristocrats' wealth, artists' finances, wartime inflation

#### 1. Preliminary: The Difficult Relationships between Beethoven and his Patrons

The most potent curse besetting a supporter of the composer was Beethoven himself. It is, of course, well known that getting along with Beethoven was hardly an easy task. Evidently few escaped his wrath, including his long suffering brothers, his sister-in-law, his publishers and his patrons.

This eccentric, brooding and vindictive man evidently considered his subventions to have a humiliating taint, and he oscillated between outrage at what he conceived to be the niggardliness of his patrons and the mortification entailed in acceptance of their charity. His furor could be roused by a suggestion that he

# Présentation de Lodex



# Présentation de Lodex

## Import de données

**LODEX** | DONNÉES | AFFICHAGE | ANNOTATIONS | PUBLIER

Données | Enrichissements | Précalculs

**FICHIER** | LIEN WEB

Ajouter ou compléter votre instance en téléversant un fichier présent sur votre ordinateur. La taille maximale est de 10 Mo.

Glisser un fichier sur cette page ou

Choisir un loader

Customiser le loader

IMPORTER LES DONNÉES

- AUTO - avec l'extension du nom de fichier
- CSV - avec des points virgules
- CSV - avec des virgules
- CSV - détection automatique du séparateur
- JSON - adapté à Lodex
- JSON - avec un tableau
- JSON - compatible API Conditor
- JSON - compatible API DataCite
- JSON - compatible API Inspire\_HEP
- JSON - compatible API ISTE
- JSON - compatible API Lodex
- JSON - compatible API OpenAlex
- JSON - compatible API Wordpress
- JSON - format text JSON Lines
- JSON - import Lodex
- RDF - triplets RDF en N-Quads
- TAR.GZ - fichier archive contenant des fichiers JSON
- TSV - avec des tabulations
- TSV - avec des tabulations et des guillemets
- TSV - du Web Of Science
- TXT - description de corpus
- TXT - liste d'identifiants DOI
- TXT - Liste de références BibTeX

# Présentation de Lodex

## Transformation

LODEX

Données

Enrichissements

Précalculs

DONNÉES

AFFICHAGE

ANNOTATIONS

PUBLIER

COLONNES

FILTRES

DENSITÉ

AJOUTER

uri

Titre

Auteur(s)

Affiliation(s)

Revue ou monogra...

Auteur(s) monogra...

ISSN

e-ISSN

ISBN

"ark:/67375/6H6-0VN"

"Consolidation of tem

"H. Griessenberger,"

"[Laboratory for Sleep

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/6H6-2X51"

"Brain imaging correla

"[Elisabeth A. Wilde","

"[Physical Medicine a

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-12C8"

"P3 response during s

"[Mehmet Ergen","Ero

"[Department of Phys

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-SCKI"

"A frequency band ani

"[Kimberly Cuevas","V

"[Department of Psyc

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-F4D8"

"Blood CADPS2ΔExor

"[Kotaro Hattori","Haru

"[Department of Ment

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/6H6-PG7I"

"Contextual recognitio

"[Márcio Silveira Corrê

"[Neurobiology and D

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/6H6-8M0\

"Working memory of s

"[Nicoletta Savini","Mz

"[Department of Neur

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-WTX"

"Prefrontal, parietal ar

"[Jan Van Hecke","Thi

"[CAPRI Collaborativ

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/6H6-WRS"

"Electrophysiological e

"[Marjolein Spronk","L

"[Faculty of Psycholo

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-4K5v

"Temporal characteris

"[Ineke J.M. van der H

"[Helmholtz Institute,

"International Journal

"0167-8760"

null

null

"ark:/67375/6H6-7C46

"Maintenance of tactil

"[Tobias Katus","Serer

"[Institut für Psycholo

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/6H6-84D8"

"Changes in sleep the

"[Pascal Hof","Géraldi

"[LPNC-UMR CNRS !

"Biological Psychology

"0301-0511"

null

null

"ark:/67375/WNG-0Q5"

"Interaction of threat a

"[Nilam Patel","Kather

"[Department of Psyc

"Psychophysiology"

"0048-5772"

"1469-8986"

null

"ark:/67375/6H6-HLVE"

"Inverse relation betw

"[Miguel Kazén","Thor

"[University of Osnab

"Biological Psychology

"0301-0511"

null

null

65 colonnes chargées

0 colonne enrichie

Lignes par page 25

1-25 of 12178

# Présentation de Lodex

## Modèle

LODEX

Données

Enrichissements

Précalculs

COLONNES

FILTRES

DENSITÉ

AJOUTER

| <input type="checkbox"/> | uri                   | Titre                    | Auteur(s)                | Affiliation(s)         | Revue ou monogra...    | Auteur(s) monogra... |
|--------------------------|-----------------------|--------------------------|--------------------------|------------------------|------------------------|----------------------|
| <input type="checkbox"/> | "ark:/67375/6H6-0VNI" | "Consolidation of temp   | ["H. Griessenberger"],   | ["Laboratory for Sleep | "Biological Psychology |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-2X51" | "Brain imaging correla   | ["Elisabeth A. Wilde"],  | ["Physical Medicine a  | "International Journal |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-12C8" | "P3 response during s    | ["Mehmet Ergen"],"Ero    | ["Department of Phys   | "International Journal |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-SCKI" | "A frequency band an     | ["Kimberly Cuevas"],"V   | ["Department of Psyc   | "International Journal |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-F4DN" | "Blood CADPS2ΔExor       | ["Kotaro Hattori"],"Haru | ["Department of Ment   | "Biological Psychology |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-PG7I" | "Contextual recognitio   | ["Márcio Silveira Corrê  | ["Neurobiology and D   | "Biological Psychology |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-8M0I" | "Working memory of s     | ["Nicoletta Savini"],"Mæ | ["Department of Neur   | "International Journal |                      |
| <input type="checkbox"/> | "ark:/67375/6H6-WTX"  | "Prefrontal, parietal ar | ["Jan Van Hecke"],"Thre  | ["CAPRI Collaborative  | "Biological Psychology |                      |

+

Importer un modèle

📄

Exporter le modèle

≡

Effacer le modèle

copie

Modèle >

Annotations >

Avancé >

⚙️

Configuration

🔌

Déconnexion

44

# Présentation de Lodex

## Modèle

The screenshot displays the Lodex web application interface. At the top, a green navigation bar contains the 'LODEX' logo, a menu icon, and three tabs: 'DONNÉES', 'AFFICHAGE', and 'ANNOTATIONS'. On the right of this bar are an eye icon and a 'DÉPUBLIER' button. A dark grey sidebar on the left lists navigation options: 'Page d'accueil', 'Ressource principale', 'Sous-ressources', 'Graphiques', and 'Recherche et facettes'. Below these are four large icons: a network diagram, a house (Accueil), a bar chart (Graphiques), and a magnifying glass (Recherche). The main content area has a green header with 'PAGE' and 'DONNÉES PUBLIÉES'. It features two dropdown menus labeled 'DATASET - Titre' and 'DATASET - Description', a '+ NOUVEAU CHAMP' button, and a section for 'Logo Istex' with a checkbox labeled '[DGXp]'. Below this are two more sections: one for '[H5Tw]' with a checkbox and a house icon labeled 'Image', and another for '[PXuj]' with a checkbox and a house icon labeled 'Objectif'.

# Présentation de Lodex

Accéder au site

LODEX

DONNÉES

AFFICHAGE

DÉPUBLIER

Page d'accueil

Ressource principale

Sous-ressources

Graphiques

Recherche et facettes

PAGE

DONNÉES PUBLIÉES

DATASET - Titre

[qMKk]

DATASET - Description

+ NOUVEAU CHAMP

[qMKk]

[aNnc]

[mzCk]

Version [UEbp]

46



# Présentation de Lodex

## Enrichissements

DONNÉES
AFFICHAGE
ANNOTATIONS

Nom
Déttection de mots-clés

☐ Mode avancé

URL du web service
https://terms-extraction.services.istex.fr/v2/teeft/en

Colonne de la source

Sous-chemin

uri
Titre
Auteur(s)
Affiliation(s)

ANNULER SAUVEGARDER

DONNÉES
AFFICHAGE
ANNOTATIONS

Nom
Déttection de mots-clés

0 erreurs

Statut : Non démarré

☐ Mode avancé

URL du web service
https://terms-extraction.services.istex.fr/v2/teeft/en

Colonne de la source
Résumé

Sous-chemin

SUPPRIMER
ANNULER SAUVEGARDER

# Présentation de Lodex

## Enrichissements

LODEX

Données

Enrichissements

Précalculs

Ressources cachées

Données

AFFICHAGE

ANNOTATIONS

Enrichissement...  
Détection de mots-clés

DÉPUBLIER

COLONNES

FILTRES

DENSITÉ

AJOUTER

| uri                  | Titre                   | Auteur(s)                | Affiliation(s)           | Détection de mots-...      |
|----------------------|-------------------------|--------------------------|--------------------------|----------------------------|
| "ark:/67375/G14-BFB8 | "Should feminists be v  | ["Livia Barbosa", "Dieg  | ["anthropologist, Assoc  | ["term": "feminists", "fre |
| "ark:/67375/VQC-6122 | "Do vegetarians have    | ["Susan A. New"]         | ["Centre for Nutrition   | ["term": "vegetarian di    |
| "ark:/67375/6GQ-VVB  | "Hypertension and blo   | ["Paul N Appleby", "Gw   | ["Cancer Research U      | ["term": "eaters", "frequ  |
| "ark:/67375/2M2-PKW  | "Erythromycin-resistar  | ["Vesna Milanović", "Ar  | ["1Dipartimento di Sc    | ["term": "erm", "frequer   |
| "ark:/67375/VQC-R6W  | "Vegetarianism, Sentir  | ["Jan Deckers"]          | ["Institute of Health ar | ["term": "vegetarianism    |
| "ark:/67375/6H6-QG0. | "Will the real vegetari | ["C. Alix Timko", "Julia | ["Department of Psyc     | ["term": "semi-vegetar     |
| "ark:/67375/2M2-X2T0 | "Serum Uric Acid Con    | ["Julie A. Schmidt", "Fr | ["Cancer Epidemiolog     | ["term": "eaters", "frequ  |
| "ark:/67375/2M2-JX7C | "The Brain Functional   | ["Massimo Filippi", "Gi  | ["1Neuroimaging Res      | ["term": "vegetarians",    |

54 colonnes chargées

1 colonne enrichie

Lignes par page 25

1-25 of 1511

# Exploration du corpus V0

■ New Visitor ■ Returning Visitor



**2 phases  
&  
2 outils**

**1**

**Pertinence  
scientifique**

Istex Search : construction et  
affinement requête,  
extraction corpus v0

[Corpus V0](#)

Lodex : examen de la pertinence  
du corpus grâce aux  
datavisualisations & aux facettes

**2**

**Exploitabilité  
TDM**

Istex Search : examen des  
indicateurs techniques pertinents

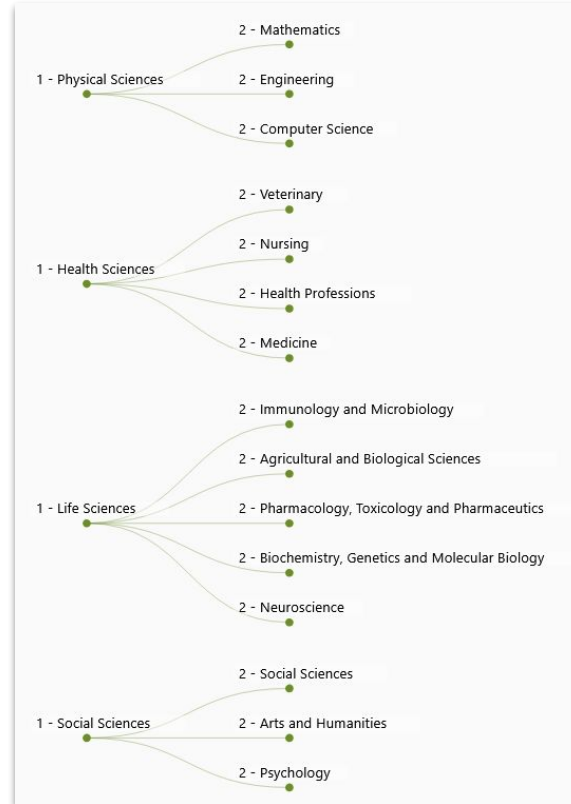
# Exploration du corpus V0

Années de publication



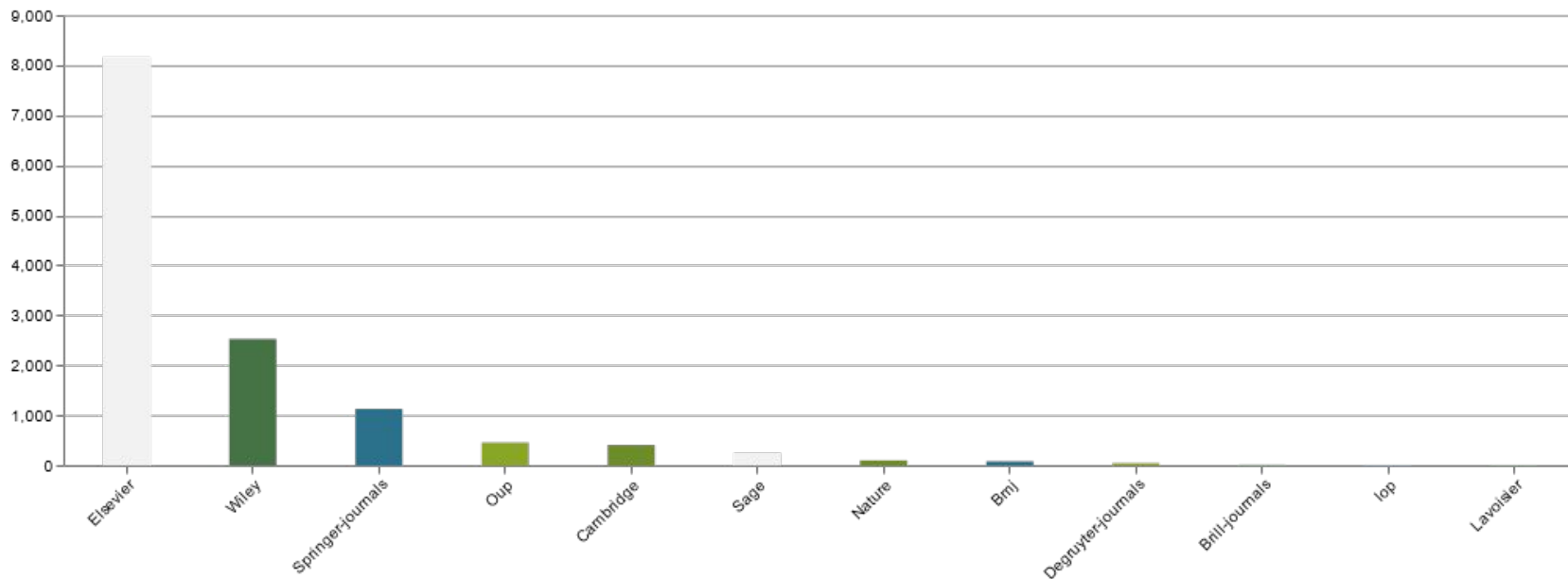
# Exploration du corpus V0

## Catégories scientifiques Scopus



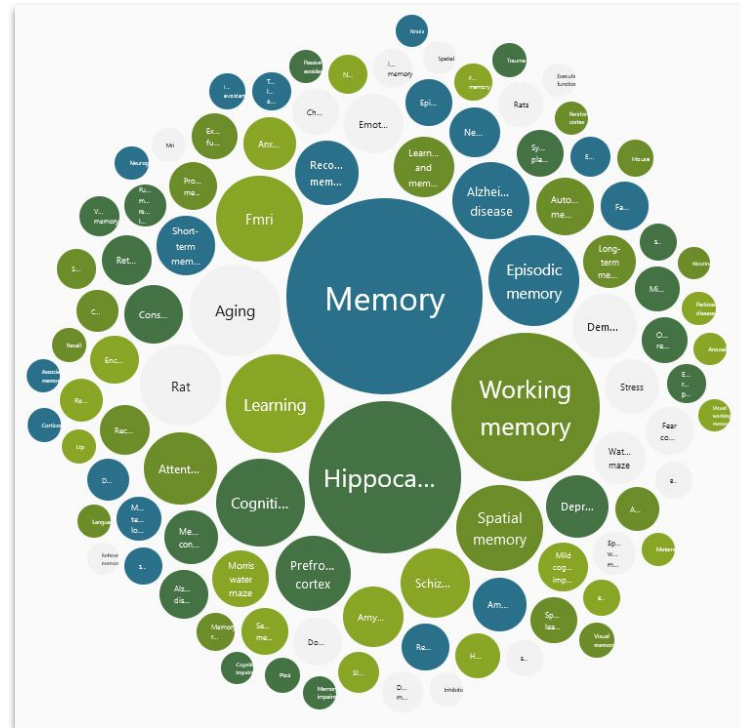
# Exploration du corpus V0

## Editeurs



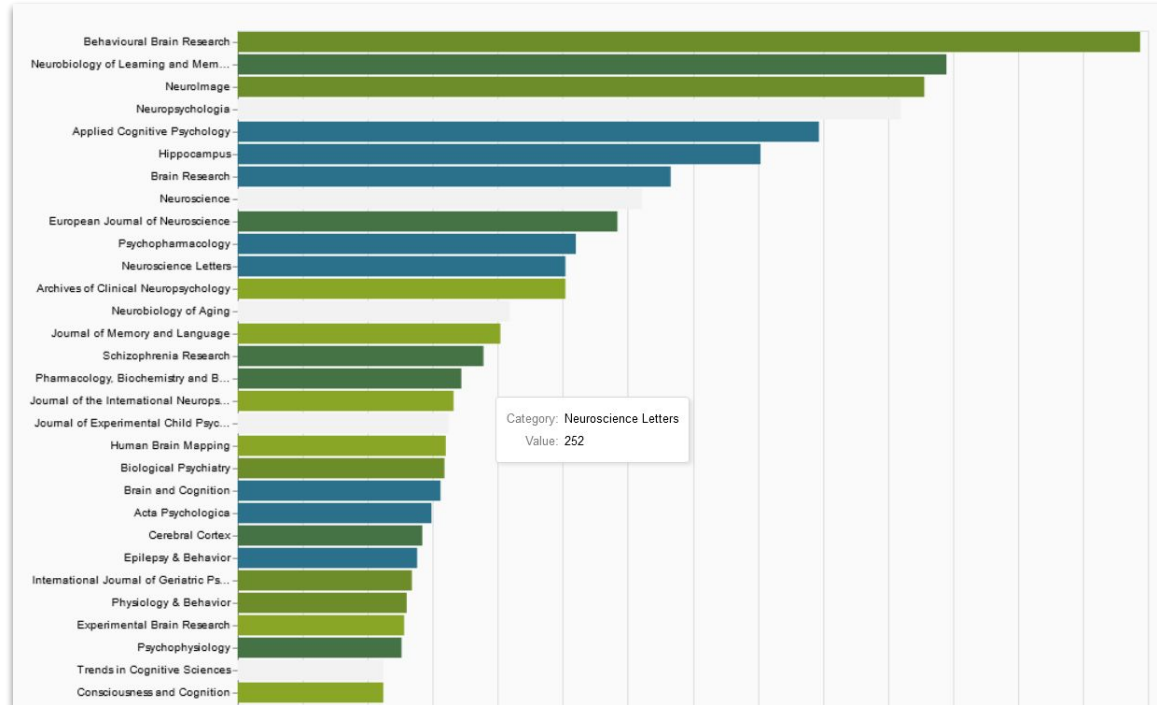
# Exploration du corpus V0

## Mots-clés d'auteur



# Exploration du corpus V0

Revues (346)



# Exploration du corpus V0

## Revue d'éthologie

Revue / Monographie (3) ^

☐ exclure

animal|

---

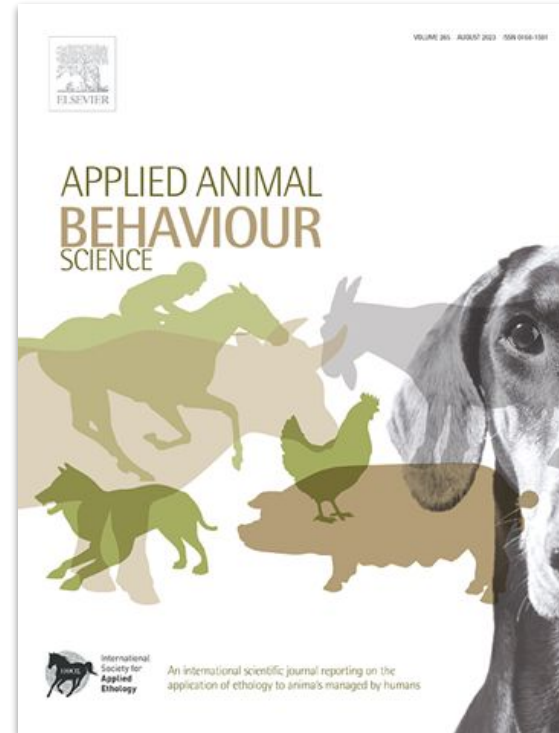
VALEUR      COMPTER ↓

TOUT COCHER

|                                                           |    |
|-----------------------------------------------------------|----|
| <input type="checkbox"/> Animal Cognition                 | 51 |
| <input type="checkbox"/> Animal Behaviour                 | 43 |
| <input type="checkbox"/> Applied Animal Behaviour Science | 7  |

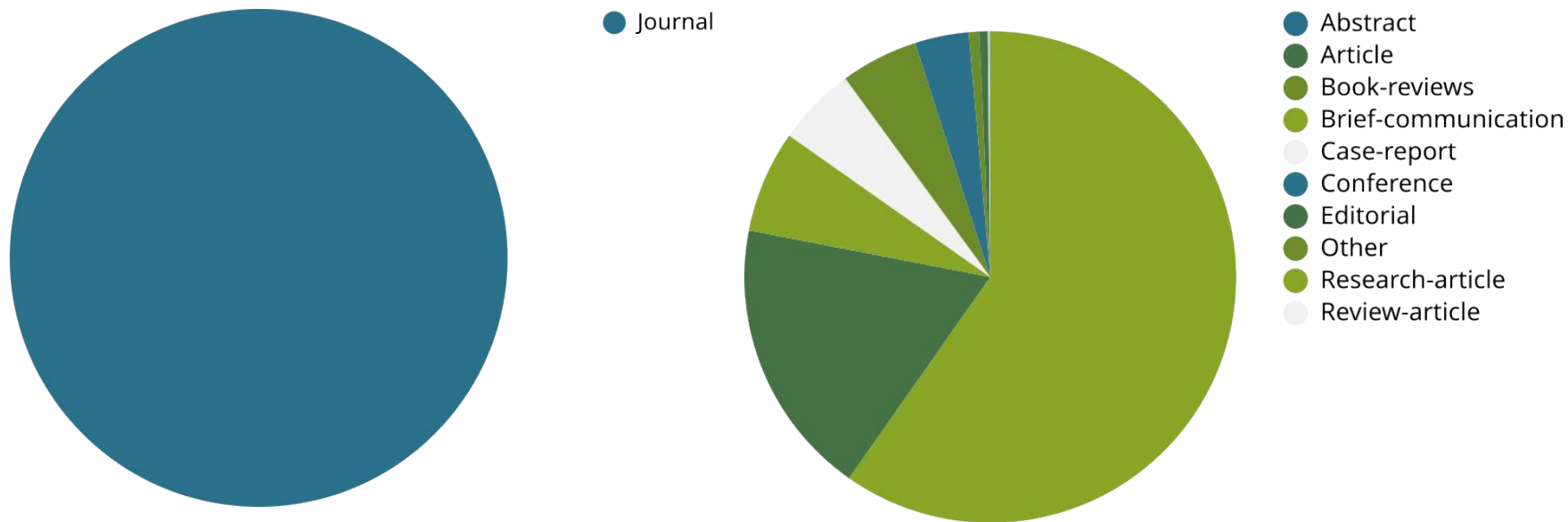
---

Showing 1 to 3 of 3    <    >



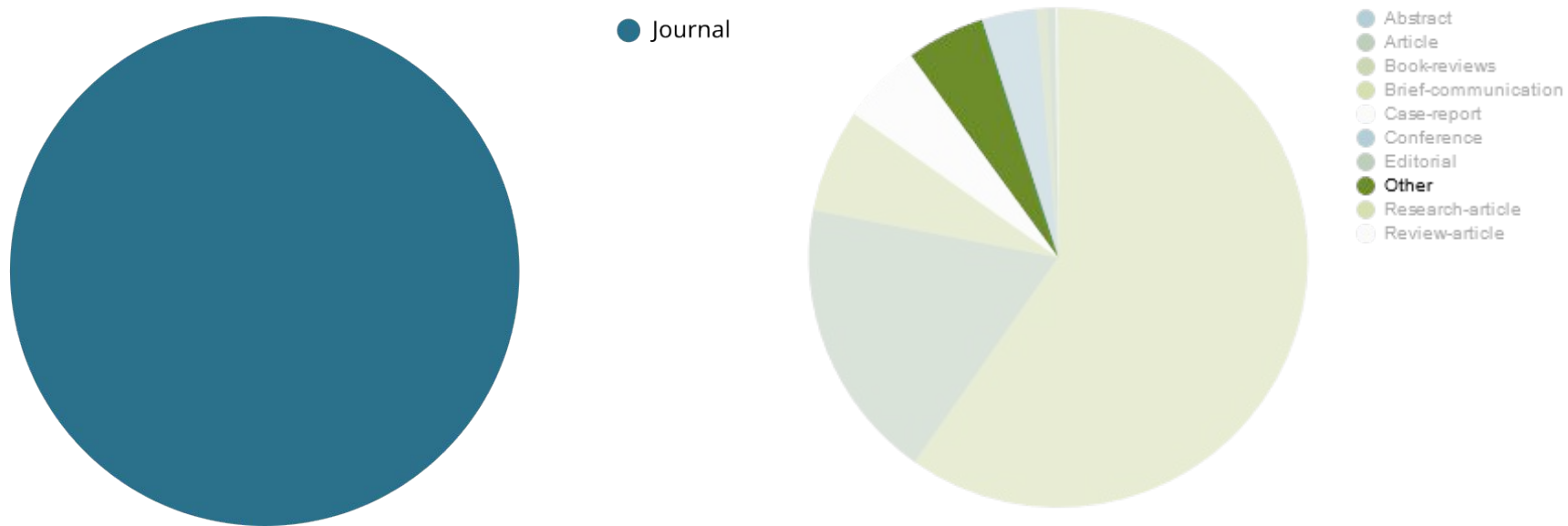
# Exploration du corpus V0

## Types de publication et de document



# Exploration du corpus V0

## Types de publication et de document



# Exploration du corpus V0

## Types de publication et de document

*Journal of the International Neuropsychological Society* (2000), 6, 376–377.  
 Copyright © 2000 INS. Published by Cambridge University Press. Printed in the USA.

### In Memoriam

**Laird S. Cermak, Ph.D.**

**June 24, 1942–November 4, 1999**

Laird Cermak was to become President of INS in February 2000, taking over the responsibilities for leading a scientific society he loved and served for over a quarter of a century. In many ways he embodied the very values the INS has always hoped to promote in excellence of scholarship, keen interest in behavioral neurosciences, and an easy and reflexive interdisciplinary citizenship. His name has been synonymous with a distinctive line of intellectual inquiry in amnesia and memory mechanisms for as long as I have been in neuropsychology myself.

It now can be told that I was alerted to Laird's considerable intellectual talent even as a graduate student. I recall that my major Professor, Phillip Rennick, showed me the initial application for research support he was reviewing that Laird had made to the Veterans Administration in the early 1970s. "Read this really excellent grant, Ken," he said, "because this guy is really going to do some significant work." Given that Phil tended to view proposals as having fatal flaws usually no later than the literature review, I was impressed and learned with awe what moved Phil. Apparently many others have joined in Phil's appraisal and appreciation of a career of scholarly promise fulfilled. I know that I did from that day. Laird took a central faculty role in one of the most protean research groups in the history of neuropsychology.



### À la mémoire de Betty Havens 9 octobre 1936 au 1<sup>er</sup> mars 2005

Marcia Finlayson,<sup>1</sup> Neena Chappell,<sup>2</sup> and Lynn McDonald<sup>3</sup>

1 Université de l'Illinois à Chicago

2 Université de Victoria

3 Université de Toronto



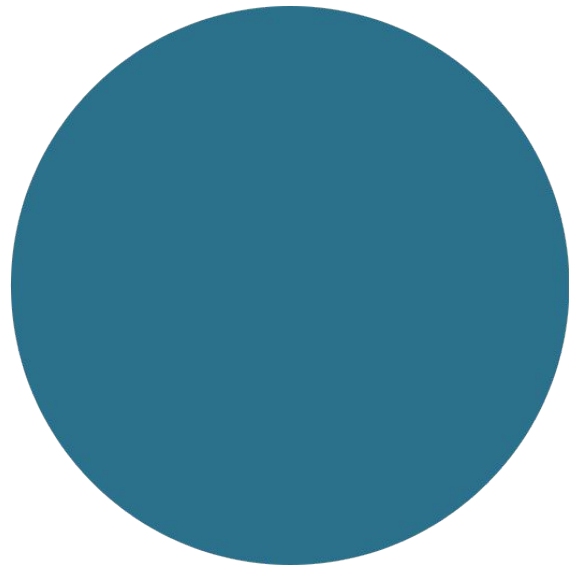
Lorsque Betty Havens est décédée, le 1<sup>er</sup> mars au matin, la nouvelle s'est propagée rapidement que notre chère amie, collègue et mentor, celle qui nous avait toujours soutenus, était partie. Nombreux sont ceux à qui manqueront son rire chaleureux, ses répliques amusantes et ses petits clins d'œil. Nous sommes reconnaissants du privilège qui nous a été offert de partager une partie de son

Nous connaissons son engagement et son empressement constant à lutter pour les aînés et la gérontologie. Son intérêt envers la gérontologie était indiscutable, même à la toute fin, puisqu'elle lisait *The Gerontologist* dans son lit aux soins palliatifs.

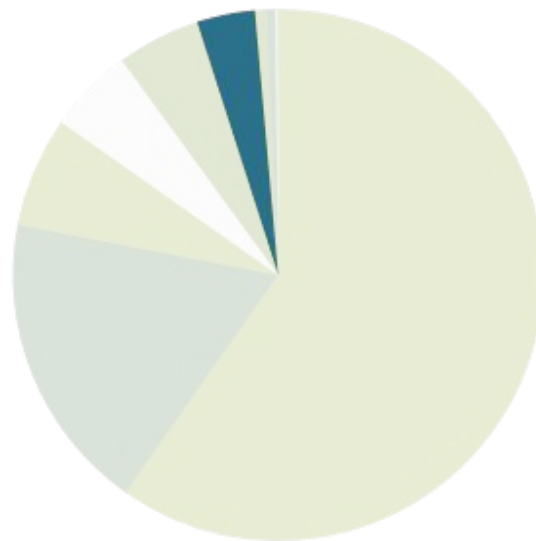
J'aimerais parler d'elle d'un point de vue plus personnel. Bien qu'elle n'était pas très démonstrative, elle soutenait sans aucune réserve les personnes en lesquelles elle croyait. Je me souviens très clairement de moments, pendant les premières années de ma carrière, où elle est venue me prendre par la main, lors de réunions du GSA, de l'ISA ou d'autres occasions, pour me présenter à Bernice Neugarten, à Matilda White Riley et à de nombreux autres grands spécialistes de la gérontologie : « Nous avons finalement l'un des grands de la gérontologie », disait-elle. Elle nous avait de

# Exploration du corpus V0

## Types de publication et de document



● Journal



- Abstract
- Article
- Book-reviews
- Brief-communication
- Case-report
- Conference
- Editorial
- Other
- Research-article
- Review-article

# Exploration du corpus VO

## Types de publication et de document

Proceedings of the NAASS 23rd Annual Meeting / The Spine Journal 8 (2008) 15-1915

1495

**FDA DEVICE/DRUG STATUS:** This abstract does not discuss or include any applicable devices or drugs.

doi:10.1016/j.spine.2008.06.343

**P99. The Association between Prevalent Neck Pain and Health-related Quality of Life: A Cross-sectional Analysis**  
 Mana Reza, D.C. MHS<sup>1</sup>, Pierre Cole, D. PhD<sup>2</sup>, J. David Cassidy, D.C. PhD, DrMedSci<sup>3</sup>, Linda Carroll, PhD<sup>2</sup>, Centre of Research Expertise in Improved Disability Outcomes (CREDO), University Health Network, Department of Public Health Sciences, University of Toronto, Toronto, Ontario, Canada; <sup>2</sup>Department of Public Health Sciences, School of Public Health, University of Alberta; Alberta Centre for Injury Prevention and Research, University of Alberta, Edmonton, Alberta, Canada

**BACKGROUND CONTEXT:** The literature suggests that physical and mental health related quality of life (HRQL) are worse for individuals with neck pain compared to those without neck pain. However, the strength of the association varies across studies. Discrepancies in study results may be attributed to the use of different definitions and measures of neck pain and differences in the selection of covariates used as control variables in the analyses.

**PURPOSE:** To examine the association between grades of neck pain severity and health-related quality of life.

**STUDY DESIGN/SETTING:** Population-based, cross-sectional mailed survey.

**PATIENT SAMPLE:** We used data from the Saskatchewan Health and Back Pain Survey, a population-based cohort study of the distribution and determinants of spinal disorders in Saskatchewan, Canada. Saskatchewan is a Canadian province of approximately one million inhabitants with a universal health care system. The survey targeted Saskatchewan residents aged 20-69 years who held a valid Saskatchewan Health Services card on August 31, 1995.

**OUTCOME MEASURES:** The Medical Outcomes Study SF-36 standard English-Canadian version 1.0 was used to measure self-perceived general health status. This analysis used the physical component summary (PCS) and mental component summary (MCS) measures of the SF-36.

**METHODS:** The Saskatchewan Health and Back Pain Survey was mailed to 2184 randomly selected Saskatchewan adults and 1,131 returned the questionnaire. Neck pain was measured with the Chronic Pain Questionnaire and categorized into four increasing grades of severity. We measured HRQL with the SF-36 Health Survey and computed the physical and mental component summary scores. We built separate multiple linear regression models to examine the association between grades of neck pain and physical and mental summary scores while controlling for sociodemographic, general health and comorbidity covariates.

**RESULTS:** Our cross-sectional analysis suggests a gradient exists between the severity of grades and HRQL. Compared to individuals without neck pain, those with Grades III-IV neck pain had significantly lower physical (mean difference = -13.010, 95% CI = -16.4, -11.3) and mental (mean difference = -10.8, 100, 95% CI = -13.6, 8.1) HRQL. Controlling for covariates greatly reduced the strength of association between neck pain and physical HRQL, and accounted for the observed association between neck pain and mental HRQL.

**P100. Shape Memory Metal Rods Tested in a Porcine Model: Single Rod Constructs Result in Greater Deformity at One Week**  
 Peter Newton, MD<sup>1</sup>, Bart Yaszay, MD<sup>2</sup>, Christine Farnsworth, MS<sup>3</sup>, Vidyutbar Upasani, MD<sup>4</sup>, Reid Chambers, BA<sup>5</sup>, Srang Hsuan Yoon, MD, PhD<sup>6</sup>, Paul Farkas, MS<sup>7</sup>, Andy Children's Hospital and Health Center, San Diego, CA, USA; <sup>2</sup>University of California, San Diego, San Diego, CA, USA; <sup>3</sup>DePuy Spine, Le Luc, Switzerland

**BACKGROUND CONTEXT:** In the surgical treatment of spinal deformity, shape memory metal (Nitinol) rods can theoretically be approximated to a curved spine in their malleable, cooled state, then achieve spinal deformity correction as they return to their original shape with warming (straight in the coronal plane with a pre-contoured sagittal profile). A square cross-sectional rod profile may additionally allow deformity correction in the transverse plane when engaged in squared head pedicle screws. Single rod constructs, thought to be less constrained, may be able to achieve a greater deformity correction (clinically) creation (experimentally), while dual rod constructs are likely more stable with less risk of implant failure.

**PURPOSE:** The purpose of this study was to determine the clinical feasibility and potential effectiveness of using single vs dual nitinol rod constructs by creating spinal deformity in an in vivo animal model.

**STUDY DESIGN/SETTING:** In vivo animal study.

**OUTCOME MEASURES:** Deformity correction between single and dual rod groups.

**METHODS:** 10 mature Yucatan mini-pigs were instrumented with single (n=5) or dual (n=5) nitinol rod constructs (Figure 1A). The rods were instrumented straight at -15°C and allowed to return to their pre-contoured 90° coronal profile (twice the normal porcine lateral bending range of motion) after being warmed with a 41°C saline solution. Serial radiographs were obtained to follow deformity correction and compared between single and dual rod groups (p<0.05).

**RESULTS:** Scoliotic deformity creation was observed in both single and dual rod groups during the surgery (Figure 1B) and was not significantly different at the completion of the procedure (28°±5° vs 28°±4°, p=0.95). One week following rod placement, however, coronal deformity in the single rod group progressed to 42°±21°, which was significantly more than the dual rod group (33°±3°, p=0.002).

**CONCLUSIONS:** Pre-contoured (90° coronal curve), square cross-section shape memory metal rods successfully created coronal spinal deformity in all 10 animals. The less constrained single rod constructs resulted in greater deformity creation compared to dual rod constructs, at one-week post-op, with no evidence of implant failure/screw pullout in either group. Nitinol rods may be useful in achieving spinal deformity correction that occurs both acutely during surgery and increases post-operatively over time.

Figure 1: A) Single and dual rod constructs. B) Coronal deformity for both groups (average ± SD) indicates statistical differences between groups (p<0.05).



### 710. CIRCADIAN RHYTHM DISTURBANCES IN ADVANCED DEMENTIA: DIAGNOSTIC SPECIFICITY

David G. Harper, McLean Hosp, Harvard Med Sch, Belmont, MA; Edward G. Sipes, Rhode Island Hosp, Brown Univ Sch of Medicine, Providence, RI; Ann C. McKee, E. Rogers Men Veterans Hosp, B.U. Sch of Medicine, Boston, MA; Andrew J. Salas, McLean Hosp, Harvard Med Sch, Belmont, MA; Patricia C. Harkin, Rachel L. Goldstein, McLean Hosp, Belmont, MA; Ludovic Velter, E. Rogers Men Veterans Hosp, B.U. Sch of Medicine, Bedford, MA

Many of the nosognostic symptoms of dementia (sleep disturbance, sundowning) may have their root in abnormalities of the circadian timing system. Previous studies have performed in this population, carrying a clinical diagnosis of probable Alzheimer's dementia, have shown that the phase of the circadian rhythm of temperature and activity is significantly delayed and that the amplitude is significantly reduced. We have since collected urinary samples and made pathologically confirmed diagnoses on 38 patients who were enrolled in our original study to compare with 8 healthy controls. Patients were categorized for presence of Alzheimer's disease (AD), frontotemporal degeneration (FTD), including Pick's disease and corticobasal ganglionic degeneration, and dementia with Lewy Bodies (DLB). Seventy-seven patients were given a final diagnosis of AD, 10 were given a final diagnosis of FTD and 1 was diagnosed with DLB. In addition, 4 AD patients were also diagnosed with DLB and 1 FTD patient received this diagnosis. Patients with dual diagnosis or an exclusive DLB diagnosis were excluded from further analysis. Patients with AD had a significantly delayed phase of their temperature and activity rhythms compared to controls, whereas patients with FTD had a temperature rhythm which was similar to controls but an activity rhythm characterized by shorter phase advance and lowered goodness of fit. These results indicate that the rest-activity rhythm disturbances seen in AD and FTD may have a neurobiological underpinning. The origin and expression of these disturbances however appear to be distinct between the two dementias.

| Phase of time of activity and temperature and activity goodness-of-fit |                 |                   |                 |
|------------------------------------------------------------------------|-----------------|-------------------|-----------------|
| Diagnosis                                                              | T phase (hours) | Act phase (hours) | Goodness-of-fit |
| Controls                                                               | 15.2 ± 0.7      | 11.6 ± 1.2        | 0.52 ± 0.04     |
| AD                                                                     | 17.8 ± 0.4      | 16.9 ± 0.8        | 0.32 ± 0.01     |
| FTD                                                                    | 15.9 ± 0.7      | 10.4 ± 1.2        | 0.38 ± 0.04     |

All values reported as means ± SE.

### 711. NEUROCHEMICAL AND BEHAVIORAL ALTERATIONS INDUCED IN MICE BY CENTRALLY ADMINISTERED CARBONYL-TERMINAL FRAGMENT OF B-ACTIN PROTEIN.

Cheryl Huang Park, Ye-Hsin Chen, Yen-Hsin Shih, Dept of Pharmacol., Coll of Med, Seoul National Univ., Seoul, South Korea

We have previously shown that the C-terminal fragment of CT of B-actin protein (CT100) induced neurotoxicity in vitro and in vivo experiments. However, it is unclear whether neurochemical changes and learning and memory impairment induced by CT100 in the in vivo neurotoxicity of CT. We examined behavioral changes using Morris water maze T days following a single intracerebroventricular injection of recombinant CT100 into the CT100, M and MS protein groups. We also quantified the changes in acetylcholine (ACh) levels of cortex and hippocampus. Mice that received CT100 revealed significant decrease in ACh levels in cortex and hippocampus compared with saline treated group. Spatial learning and memory impaired significantly by CT100 in dose-dependent manner. These results suggest that learning and memory impairment induced by centrally administered CT100 in vivo may be related to neurochemical alteration.

### 712. EFFECTS OF CONTROL ON COGNITION AND EEG-PEF IN HEALTHY YOUNG AND OLD SUBJECTS

Oliver W. Muller, Antonio Corvini, Erad Knudt, Elvira I. Thome, Susan De Santis, Moni J. de Leon, NYU Sch of Medicine, New York, NY

Excited cortical levels are observed in most patients with Alzheimer's disease (AD). Previous research studies in some subjects, revealed cortical alpha reduction in

new participants in the present placebo controlled double blind crossover study. Subjects received 0.5 mg/kg cortisol or placebo. Cognitive tests were administered before and at two time points (15 min, and 150 min) after cortisol administration. Cortisol impaired the recall of a word list (declarative memory) learned before the test in both age groups. Digit span (a measure of short-term memory) was impaired in young but not old subjects. The present results suggest that cortisol from declarative memory is especially sensitive to the disruptive effects of cortisol and that this effect occurs in both young and old subjects. Digit span is a measure of short-term memory, which is at least in part mediated by the frontal lobe is impaired by cortisol only in young subjects. Our findings suggest that during healthy aging the hippocampus, but not the frontal lobes, retains its sensitivity to the effects of cortisol. The cognitive findings predict, that a cortisol challenge in young subjects during PDE-PTT could result in a reduction in hippocampal and frontal glucose metabolism. The data from the PET experiment in young subjects, which is currently in progress, will be presented at the meeting. Together these studies highlight the importance of endocrine and behavioral changes in the assessment of functional brain aging.

### 713. ENERGY PROCESSES OF THE HUMAN BRAIN IN NORMAL AGING AND DEMENTIA OF ALZHEIMER'S TYPE

Vladimir Fedorov, Natalia Vladimirovna Petrova, Brain Research Institute, Moscow, Russia; Olga Alexandrovna Petrova, Research Center of Mental Health, Moscow, Russia; Oleg Nikolai Odnov, Research Center of Mental Health, Tallin, Estonia

In normal aging energy expenditures and energy resources of the brain are decreased. In normal and pathological aging the intensification of energy processes in the brain is provided using the mechanisms similar to that in stress reactions. The aim of present study is the investigation of influence of stress-like mechanisms of getting energy on process of normal aging and the development of Alzheimer's type (DAT). In healthy subjects and patients with DAT electrophysiological and biochemical investigations were carried out. The electrophysiological examination included the registration of visual evoked potentials to the flash and DC potentials as characteristics of brain oxidative processes. The cortical level in elderly subjects and the level of lipid peroxidation were evaluated. There is significant correlation between the cortical level in peripheral blood and level of DC potentials in peripheral blood. In normal aging energy DC potential correlates with the subclinical exhibition of electrophysiological symptoms. In DAT patients the significant increase of DC potentials and less remarkable increase of cortical level are observed. The increase of the brain energy expenditures has a good correlation with the increase of the lipid peroxidation, the disappearance of late components of visual evoked potentials and other changes of electrophysiological characteristics, which accompany the progression of DAT. Thus the biochemical way of intensification of energy processes are relevant for normal and pathological aging and their regulation is feasible target for prevention and therapies of DAT.

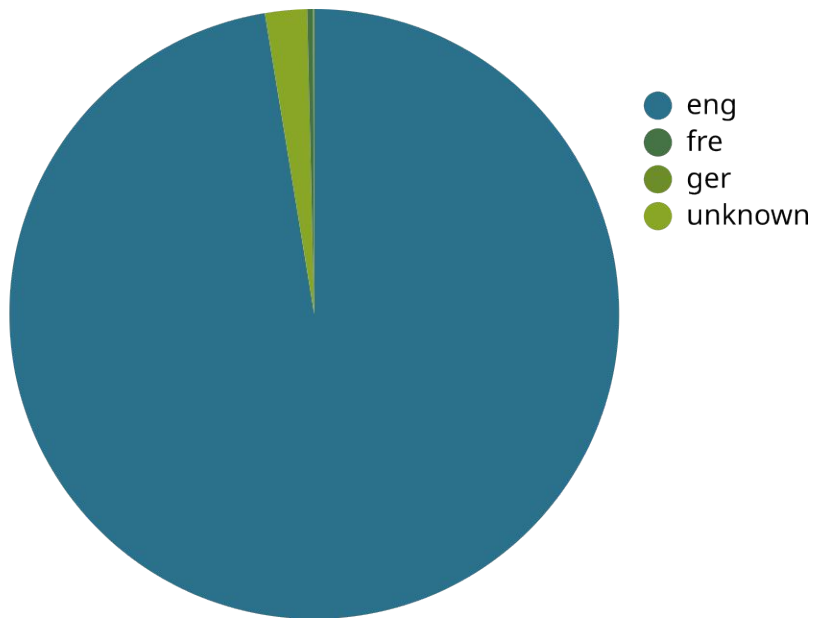
### 714. A DIFFERENTIAL MEMORY PROFILE IN PATIENTS WITH SUBJECTIVE MEMORY COMPLAINTS AND NORMAL MMSE SCORE: DEPRESSION OR COGNITIVE DECLINE?

Joana Kalsbeek, Service of Neurology, 08023 Barcelona Spain; Anaïs Berthel, Pierre Chetani, Ecole Ginecologica, Annecy, France

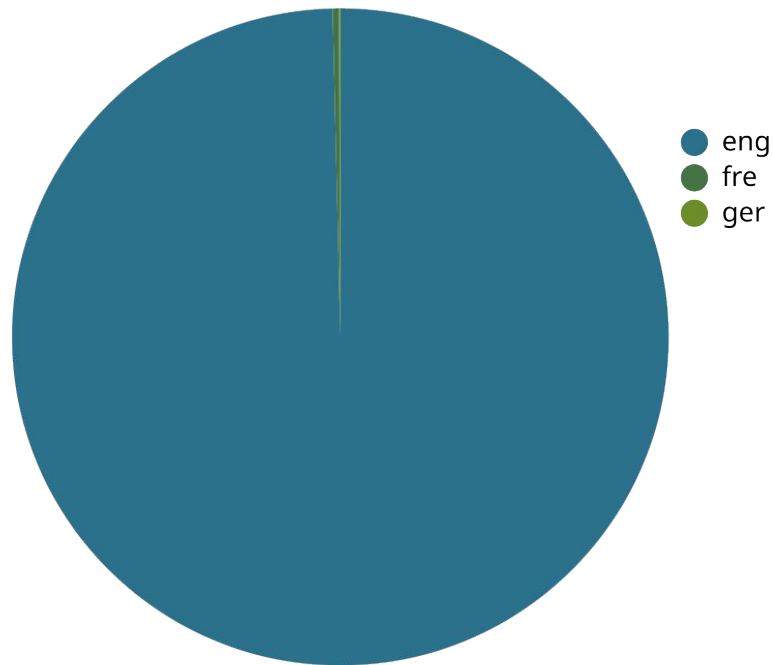
**OBJECTIVE:** To determine whether depressive symptoms influence particular aspects of memory performance in patients with subjective memory complaints. **BACKGROUND:** In individuals with otherwise normal MMSE, subjective memory complaints may predict dementia. Depressive symptoms may influence memory performance and a firm differential diagnosis between cognitive decline and depression is not available. Analysis of memory profile in depressed and non-depressed individuals with normal MMSE and subjective memory complaints can help distinguish particular aspects of memory performance that are most probably related to depressive symptoms. **DESIGN/METHODS:** Seventy-two individuals with subjective memory complaints, without antecedents of neurological illness (MMSE score > 26) were assessed with a comprehensive memory battery and other cognitive functions, and the GDS-15, a sensitive indicator (greater than 50%) of depressive illness. Fifty subjects were selected and memory performance was analyzed in two groups: Group 1: 26 subjects (MMSE score > 27, no mean 26.6 and GDS-15 mean 5.8); Group 2: 24 subjects (MMSE score > 27, no mean 27.3 and GDS-15 mean 19.3). There were no significant differences between groups in age, mean 65.4, years of education (mean 9.2), and

# Exploration du corpus V0

## Langues



Langues dans Istex (292 unknown)



Résultat du web service

# Exploration du corpus V0

## Bilan



01

**Reviews**

NOT host.title:("Animal Cognition"  
 "Animal Behaviour" "Applied Animal  
 Behaviour Science")



02

**Types de  
documents**

NOT title:("in mémoriam" "à la  
 mémoire") NOT genre:abstract



03

**Langues**

NOT language:ger

# Révision de la requête

## Suppression de 578 documents

```
title:(m?mor* mnesic metamne* m?tam?mor*
mémoire* mnési* mnémo* métamnési*) AND
categories.wos.raw:("2 - neurosciences" "2 -
psychology" "2 - clinical neurology" "2 -
psychology, biological" "2 - psychiatry" "2 -
psychology, clinical" "2 - geriatrics &
gerontology" "2 - gerontology" "2 -
neuroimaging" "2 - behavioral sciences" "2 -
psychology, experimental") AND
publicationDate:[2000 TO *]
```

```
title:(m?mor* mnesic metamne* m?tam?mor* mémoire*
mnési* mnémo* métamnési*) AND categories.wos.raw:("2
- neurosciences" "2 - psychology" "2 - clinical neurology" "2 -
psychology, biological" "2 - psychiatry" "2 - psychology,
clinical" "2 - geriatrics & gerontology" "2 - gerontology" "2 -
neuroimaging" "2 - behavioral sciences" "2 - psychology,
experimental") AND publicationDate:[2000 TO *] NOT
host.title:("Animal Cognition" "Animal Behaviour"
"Applied Animal Behaviour Science") NOT title:("in
mémoriam" "à la mémoire") NOT genre:abstract NOT
language:ger
```

# Exploitabilité TDM

**2 phases  
&  
2 outils**

**1**

**Pertinence  
scientifique**

Istex Search : construction et  
affinement requête,  
extraction corpus v0

[Corpus V0](#)

Lodex : examen de la pertinence  
du corpus grâce aux  
datavisualisations & aux facettes

[Corpus V1](#)

**2**

**Exploitabilité  
TDM**

Istex Search : examen des  
indicateurs techniques pertinents

# Exploitabilité TDM

## Résumé



### Constat

- 6 % des documents n'ont [pas de résumé](#)

### Procédures / outils

- Teeft : indexation non supervisée pour extraire les termes les plus spécifiques d'un contenu scientifique
- GarganText : plateforme collaborative d'exploration graphique de corpus

**Requête** AND abstract:\*

# Exploitabilité TDM

## Texte nettoyé



### Constat

- 10 % des documents n'ont pas de texte nettoyé ([texte brut](#) vs [texte nettoyé](#))

### Procédures / outils

- CorText : outil d'analyse et d'exploitation de corpus textuels (script Terms extraction)
- TermSuite : outil d'extraction terminologique et d'alignement de termes multilingues
- Bibliothèque Python (gensim)
- Concordancier (Sketch Engine)

**Requête** AND qualityIndicators.tdmReady:true

# Exploitabilité TDM

## PDF texte



### Constat

- Tous les documents ont un PDF texte (vs type [PDF image](#))

### Procédures / outils

- Transformer le PDF en texte avant l'intégration dans l'outil souhaité ([tesseract](#))

**Requête** NOT qualityIndicators.pdfText:false

# Exploitabilité TDM

Nombre de pages / mots

## Constats

- 25 documents possèdent plus de 100 000 mots
- 11 documents possèdent plus de 100 pages

## Requêtes

AND qualityIndicators.pdfPageCount:[\* TO 100]

AND qualityIndicators.pdfWordCount:[\* TO 100000]

**NOMBRE DE MOTS DU PDF**

Nombre de mots (106 179 à 161 114)

à

# Exploitableté TDM

## Bilan





**Conclusion**

# Conclusion

## Istex

- Réservoir de plus de 29M de publications multilingues et multidisciplinaires
- Données apprêtées pour le TDM

## Un écosystème à votre service

- Des nouveaux web services sur Istex TDM (e.g. [topRefExtract](#))
- Des nouvelles terminologies sur Loterre (e.g. [vocabulaire de TAL](#))



### **3. Manipulations**

# Se tenir informé

- Articles d'actualité : <https://www.istex.fr/category/actualites/>

## Chercher de l'aide / Contribuer à l'amélioration

- Contact
  - Via le formulaire : <https://www.istex.fr/contact/>
  - Via la liste : [contact@listes.istex.fr](mailto:contact@listes.istex.fr)
- Liste de discussion (publique) Lodex : [lodex@groupes.renater.fr](mailto:lodex@groupes.renater.fr)

## Se connecter

- ISTEK : <http://www.istex.fr>
- ISTEK SEARCH : <https://search.istex.fr>
- ISTEK DATA : <https://data.istex.fr>
- ISTEK CORPUS : <https://corpus.istex.fr>
- LODEX : <https://www.lodex.fr>
- ISTEK TDM : <https://services.istex.fr>
- ISTEK LOTERRE : <https://loterre.istex.fr>

## S'authentifier

- Vérifier ses droits d'accès : <https://api.istex.fr/auth>
- Vérifier son accès par fédération d'identité :  
<https://api.istex.fr/auth?auth=fede>

## Se documenter

- Documentation Usage TDM d'ISTEK : <https://doc.istex.fr/tdm>
- Documentation API ISTEK : <https://doc.istex.fr/api>
- Références citées dans le documents :  
<https://data.istex.fr/instance/istex-publication>
- Documentation LODEX :  
<https://www.lodex.fr/docs/documentation>

## Se former

- Tutos API ISTEK : <https://istex-tutorial.data.istex.fr>
- Tutos LODEX :  
<https://callisto-formation.fr/course/view.php?id=194>

# Crédits images

Image by jcomp on Freepik

Image par Lalmch de Pixabay

Image par Gerd Altmann de Pixabay

Image par Lalmch de Pixabay

Image par Ag Ku de Pixabay

Image par 3844328 de Pixabay

Image de rawpixel.com sur Freepik