



L'excellence documentaire pour tous

“Construire le socle
de la bibliothèque scientifique
numérique nationale.”



Initiative d'EXcellence en Information Scientifique et Technique

ANF Corpus Istex, le 6 novembre 2025

Stéphanie Gregorio
stephanie.gregorio@inist.fr



abes ; ISTEX



Plan

1. Informations générales
2. Contenu
3. Enrichissements des données
4. Accès et usages
5. Conclusion
6. Liens utiles



Istex

Informations générales

Historique



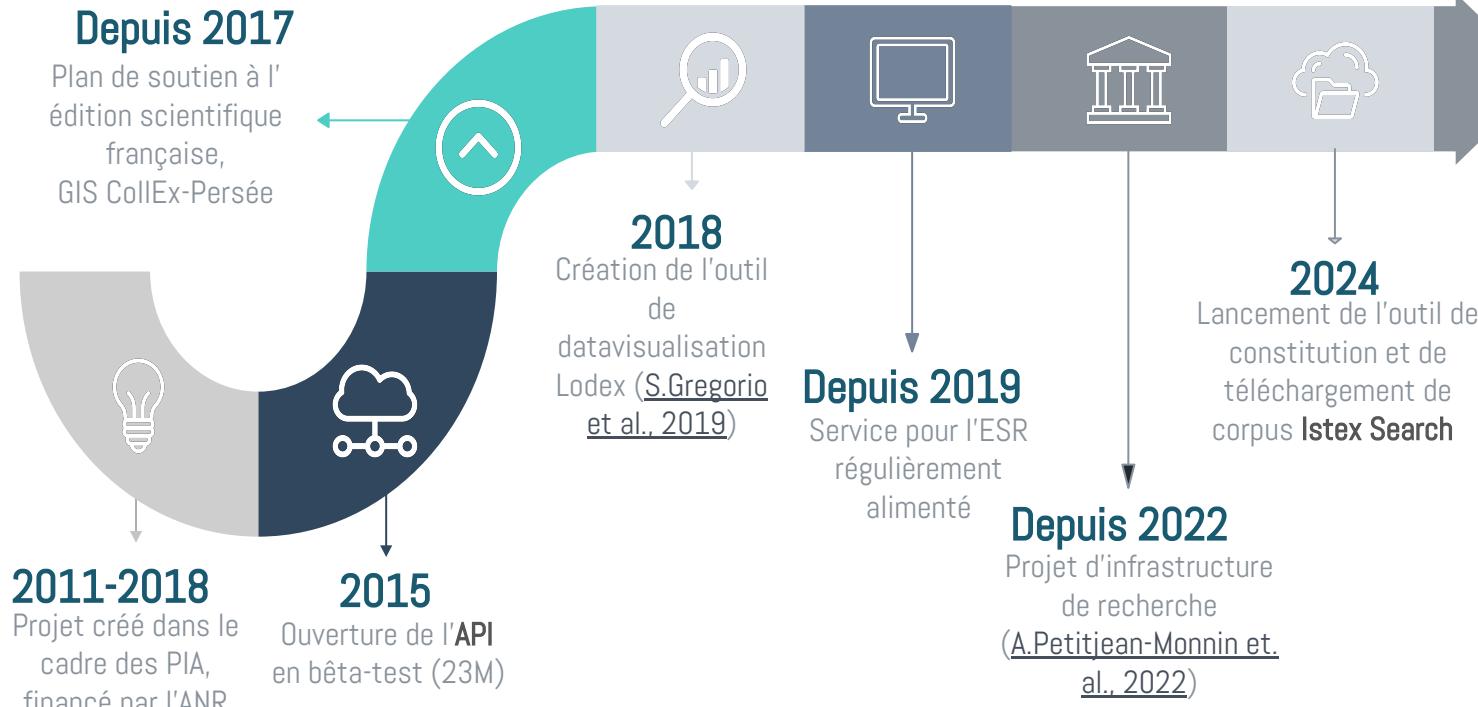
France
Universités

UNIVERSITÉ
DE LORRAINE

CNRS Inist



abes ; ISTEX



Istex : quels objectifs ?

- Acquisition massive et centralisée d'archives scientifiques
 - Issue des Licences Nationales
 - Collections rétrospectives multilingues et multidisciplinaires
- Mise à disposition des données
 - Plateforme nationale (Inist-CNRS)



Mode d'accès

- Réservé à l'ESR
- Métadonnées accessibles à tous
- Accessible par adhésion (Abes)
- Via adresses IP ou Féd. d'identité
- Via des outils existants

384 établissements



Accès par le site Istex

- Services
- Ressources
- Accompagnement
- Voir toutes les actualités
- Institutions adhérentes
- A propos

The screenshot shows the ISTEX website homepage. At the top, there's a navigation bar with links for Services, Ressources, Accompagnement, Actualités, and Institutions adhérentes. Below the header, a banner displays statistics: 30,1 M de documents, 44 web services, 73 terminologies, and 39 corpus prêts à l'emploi. The main content area features a section titled "Une offre clé en main pour vos projets de fouille de textes" with a brief description of their service. To the right is a sidebar titled "Istex en bref" containing links to TDM factory, Base documentaire, and Terminologies. Below this is a "Actualités" section with a list of recent news items. At the bottom, there's a "Accès rapide aux services" section with icons for Revue de presse, Itelex Search, Itelex Corpus, Terminologies, TDM factory, and Lexis. The "Accompagnement" section at the very bottom includes links for Formations, Constitution de corpus, Web services TDM, and Terminologies.



Istex

Contenu

Chiffres Bouquets éditeurs

licences nationales
• FR

- Liste des bouquets éditeurs négociés Istex et CollEx Persée sur le site des licences nationales
- Leurs accès sur Istex et site éditeur

Cas particulier : corpus Lavoisier jamais eu d'accès éditeur

Corpus	Discipline(s)	Type de documents	Volumétrie	Disponible sur la plateforme éditeur	Accès plateforme éditeur jusqu'au	Disponible sur la plateforme ISTEX
American Chemical Society	Chimie	Revues	37 revues	Oui	26/11/33	Oui
Archives du Parlement britannique du XIXe siècle	Études anglaises	Archives	80 700 documents	Oui	20/11/40	Oui
Bentham Science	Chimie	Revues	32 revues	Oui	1/3/27	Non
Brepols – ebooks	Lettres et arts Sciences humaines et sociales	Ebooks	849 ebooks	Oui	23/6/22	Oui
Brepols – revues	Études anciennes et médiévales	Revues	45 revues	Oui	23/6/22	Oui
Brill – ebooks en religion antique	Études anciennes	Ebooks	240 ebooks	Oui	10/8/25	Oui
Brill – Indo-European Etymological Dictionaries Online	Linguistique, Philologie	Dictionnaires	15 dictionnaires	Oui	Févr-33	Non
Brill – Religion Past and Present Online	Sciences religieuses	Encyclopédie	2 encyclopédies	Oui	Févr-28	Non
Brill – revues	Sciences humaines et sociales Droit Biologie	Revues	220 revues	Oui	6/12/28	Oui

<https://www.licencesnationales.fr/tableau-recapitulatif-des-corpus-acquis-ln/>

Elsevier – revues



Description du corpus

Volumétrie et typologie	2 200 revues
Discipline(s)	Pluridisciplinaire
Dates de publication du corpus	1823 - 2001
Langues du corpus	Anglais, Français

Informations contractuelles et techniques

Liste contractuelle des titres acquis	
Consulter le contrat	
Accéder via la plateforme éditeur	
Configurer le proxy pour la plateforme éditeur	
Fin accès plateforme éditeur	26/12/2023
Accéder via la plateforme ISTEX	

Le corpus

Le corpus comporte plus de 2 200 titres de revues scientifiques publiées par l'éditeur Elsevier dans la **Complete Freedom Collection** depuis les origines jusqu'à 2001, dans tous les domaines. De nombreux titres phares en sciences et techniques, sciences de la santé ou sciences sociales sont ainsi accessibles. Les numéros des revues de la **Complete Freedom Collection**, parus entre 2002 et 2012, ont été intégrés à la plateforme ISTEX dans le cadre du contrat d'abonnement courant. Ils y sont disponibles pour tous les établissements bénéficiaires des licences.

Chiffres Bouquets éditeurs

- 4 types de financement



Le jeu de données décrit la liste des corpus disponibles dans l'API-Istex qu'ils soient financés par :

1. Le projet Istanx
2. Le GIS CollEx-Persée
3. Le Plan de soutien à l'édition scientifique française
4. Les Acquisitions pérennes des licences nationales complémentaires des abonnements courants.

N'hésitez pas à filtrer les corpus éditeurs avec la facette "Sources de financement" au niveau de la Recherche.



VALEUR	COMPTER ↓
<input type="checkbox"/> Istex	31
<input type="checkbox"/> CollEx-Persée	17
<input type="checkbox"/> Plan de soutien à l'édition scientifique française	3
<input type="checkbox"/> Acquisitions pérennes des licences nationales complémentaires des abonnements courants	1

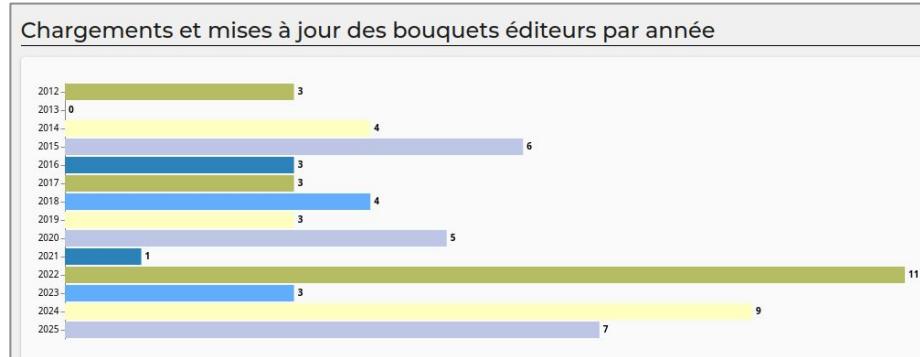




50 ressources trouvées sur un total de 50

- ProQuest – Early European Books Bibliothèque de Flore
- Archive de 2 750 documents numérisés issus des fonds CollEx-Persée
- EDP Sciences
- Archives de 98 titres de revues scientifiques, souvent de l'IstanxPlan de soutien à l'édition scientifique française
- Bentham Science – Revues en chimie et pharmacie
- Archives de 42 revues dans les domaines de la chimie, de la physique et de la biologie CollEx-Persée

- Changement régulier de données (5 bouquets en 2025)



Chiffres *Le libre accès dans Istex ...*



<https://search.istex.fr>

Dont :

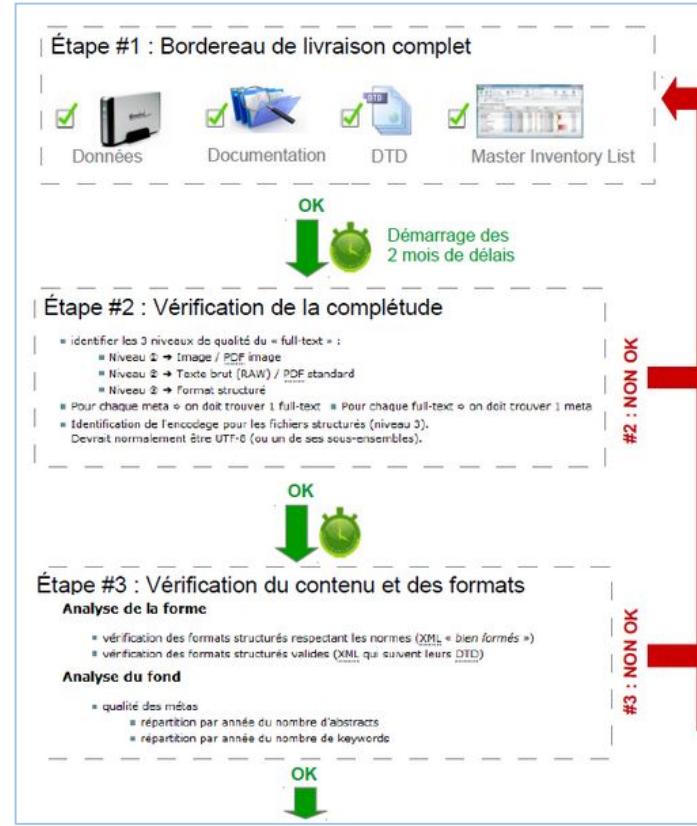
- Preuve de concept avec 96 documents Plos
- Bouquet OA Plos de 247 555 articles
- Bouquet OA SciELO de 346 113 articles

... un peu moins de 16.5% mais tend à augmenter via le chargement de nouvelles données moissonnées exclusivement en Open Access.

La chaîne de traitements



Réception &
stockage



Un protocole normalisé
Des outils spécifiques

La chaîne de traitements

Standardisation et indexation

Océrisation,
métadonnées
MODS, Textes
intégraux TEI



Réception &
stockage

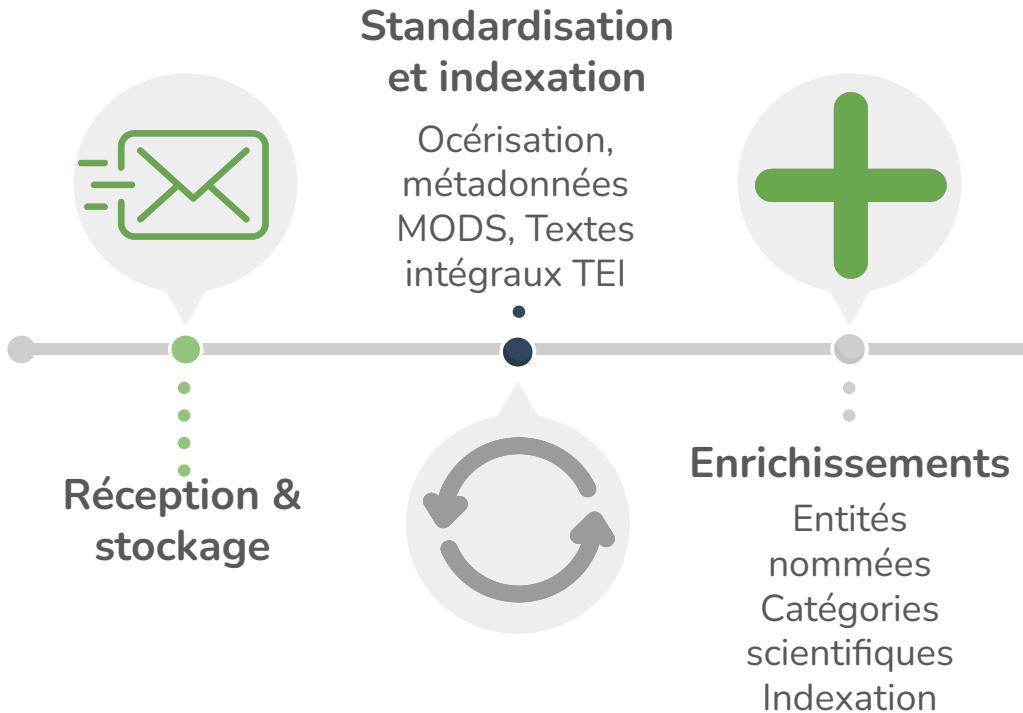


A screenshot of a GitHub repository page for 'tesseract-ocr/tesseract'. The page shows a dark-themed interface with a navigation bar at the top labeled 'Platform', 'Solutions', and 'Resource'. Below the navigation is a search bar with the text 'tesseract-ocr / tesseract' and a 'Public' badge. Underneath the search bar are buttons for 'Code', 'Issues' (428), and 'Pull requests'. The main content area displays the repository's README file, which includes a link to the GitHub page: <https://github.com/tesseract-ocr/tesseract>.

A screenshot of the MODS schema website. The header features the 'MODS' logo and the text 'Metadata Object Description Schema Official Web Site'. The main content area contains a sidebar with links to 'MODS Guidelines', 'MODS Schemas and Changes', 'MODS Conversions (MeSH and XML)', 'MODS Editorial Committee', 'MODS Uses and Features', 'MODS Design Principles', 'MODS Archived Resources', and 'MODS Related Formats'. The right side of the page has a section titled 'MODS News & Announcements' with links to 'MODS 3.8 Schema' and 'MODS 3.8 Changes'. Below this is a section titled 'The MODS Forum' with a link to 'MODS@LISTSERV.LOC.GOV'. At the bottom of the page are links to 'Legal | External Link Disclaimer' and 'Contact Us', along with the URL <https://www.loc.gov/standards/mods/>.

A screenshot of the Text Encoding Initiative (TEI) website. The page features a large 'TEI' logo in orange and black. The main heading is 'Text Encoding Initiative'. Below the heading, there is a brief description of the TEI Consortium and its guidelines. A section titled 'Want to become active in the TEI community?' lists several ways to get involved, including becoming a member, joining a special interest group, signing up for the mailing list, joining a community call, and attending annual conferences. At the bottom of the page is the URL <https://tei-c.org/>.

La chaîne de traitements



<https://tln.lifat.univ-tours.fr/version-francaise/ressources/tutoriels-unitex>



<https://www.scopus.com/home>

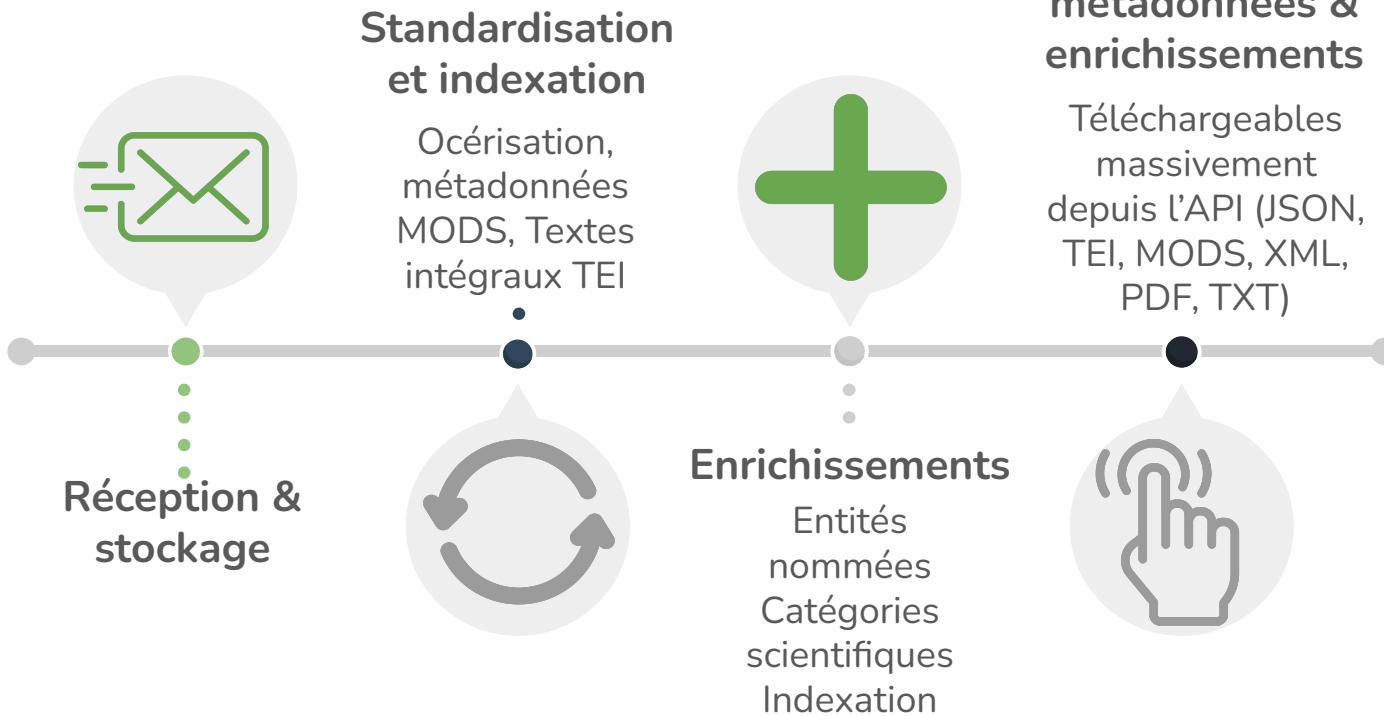


<https://clarivate.com/academia-government/scientific-and-academic-research/research-discovery-and-referencing/web-of-science/>



<https://www.inist.fr/realisations/pascal-et-francis-en-libre-accès>

La chaîne de traitements



Chiffres*

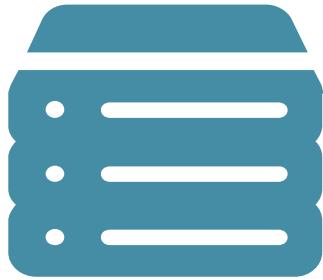
ISTEX

30 119 875*

documents présents dans Istex

*Chiffre en date du 5 novembre 2025

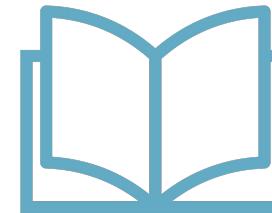
Chiffres*



50 bouquets éditeurs
+ 2 bouquets en libre accès
(PLOS et Scielo)



10 213
revues



439 372
monographies

*Chiffres en date du 5 novembre 2025

Chiffres Revue de sommaire Istex

Etat de collection des données **présentes sur le site Istex** enrichies, validées et appariées via les tableaux Kbart Bacon de l'ABES.

<https://revue-sommaire.istex.fr/>

The screenshot shows the Revue de sommaire Istex website interface. On the left, there's a sidebar with navigation links like 'Description', 'Pour en savoir plus sur revue-sommaire', and 'Etat de collection global au format kbart'. A central search bar displays results for 'corpus cambridge'. Below the search bar, a table lists various publications with columns for 'TITRE DE LA PUBLICATION', 'TITRE DE LA COLLECTION', 'ISSN', and 'ISBN'. To the right, a large box highlights the 'Exporter les résultats en' section, which includes options for Kbart, CSV, TSV, and JSON. A green arrow points from the search results table towards the detailed view of a publication record for 'Journal of Asian studies' on the right.

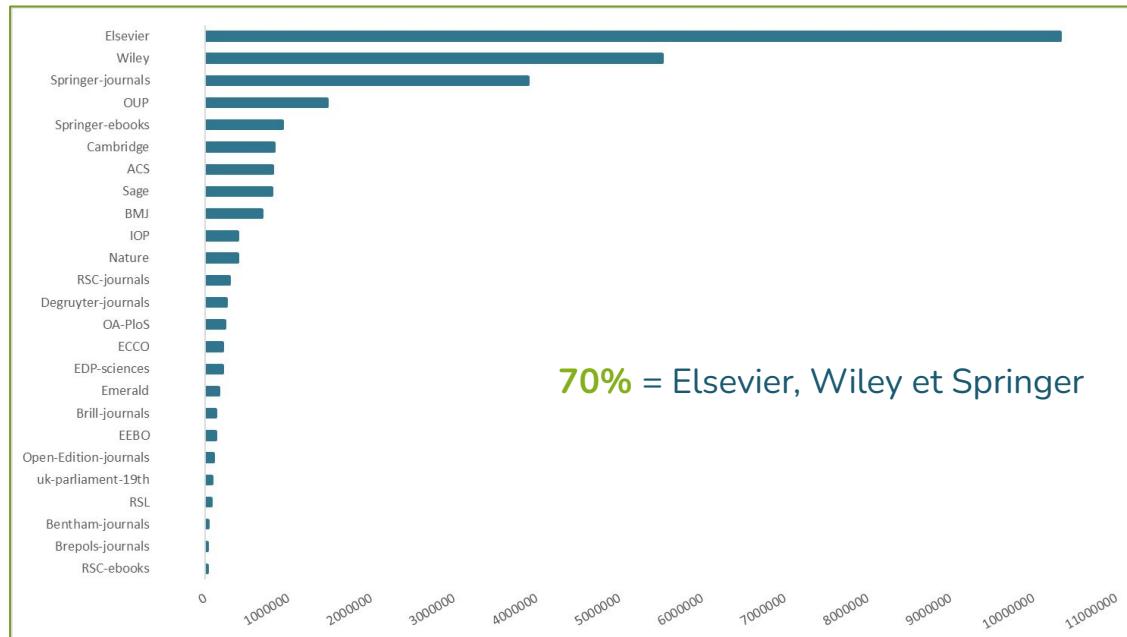
Titre de la publication
Journal of Asian studies

Couverture

2010-2010 292
2010 292
VOLUME: 69 292
NUMÉRO:1 292
Editorial Foreword 69.1 (February 2010)
JNW
2010. The Journal of Asian Studies, vol. 69, n°1, pp. 1-4 (journal)
The Rise and Fall of Japan's Liberal Democratic Party
Ellis S. Krauss, Robert J. Pekkanen
2010. The Journal of Asian Studies, vol. 69, n°1, pp. 5-15 (journal)
Borders, Diaspora, and Regional Connections: Trends in Asian "Queer" Studies
Megan Simard
2010. The Journal of Asian Studies, vol. 69, n°1, pp. 17-31 (journal)

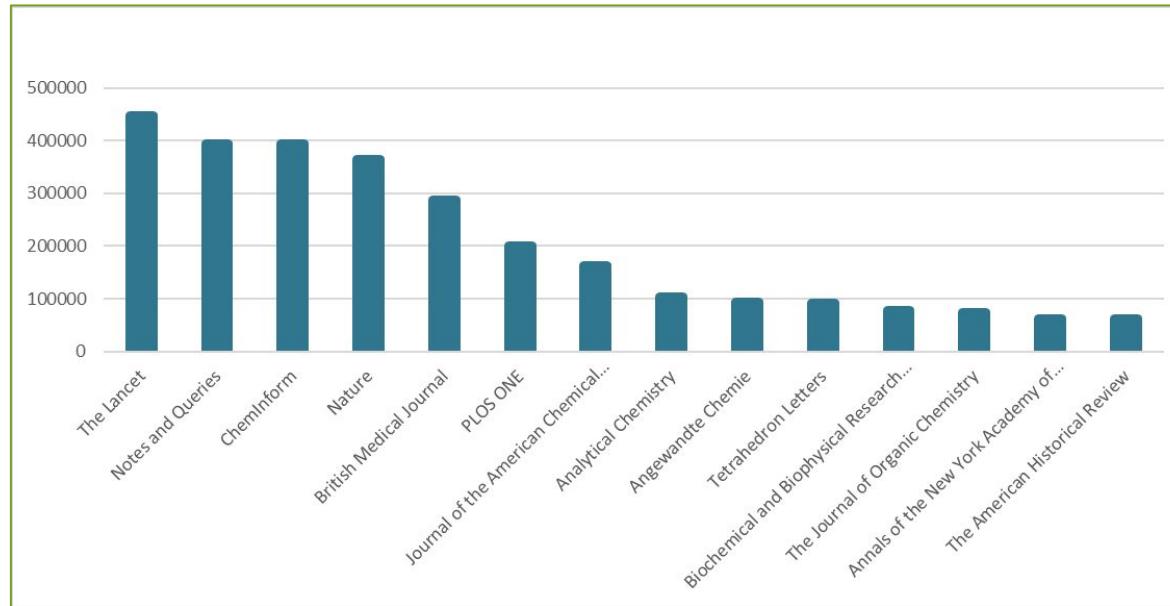
52 corpus dans Istex
49 corpus éditeurs dans la revue de sommaire (Open Edition revues, PLoS et SciELO non présents)

Chiffres *Les principaux éditeurs scientifiques**



*Chiffres en date du 5 novembre 2025

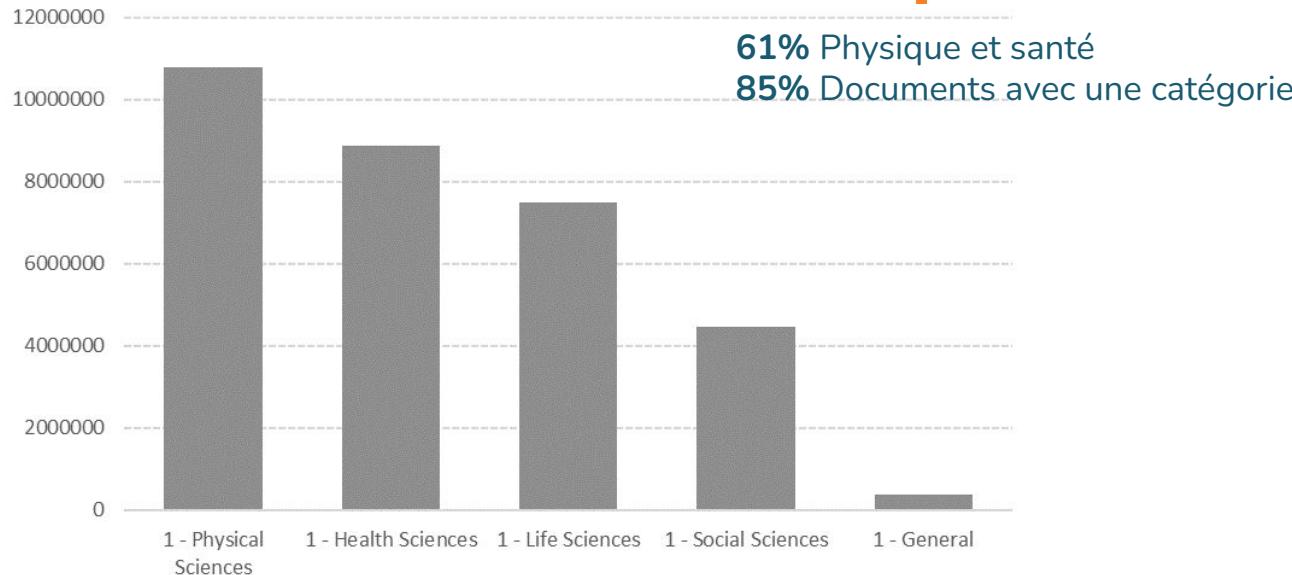
Chiffres *Les principales revues**



*Chiffres en date du 5 novembre 2025

Chiffres *Les principaux domaines scientifiques**

Scopus®

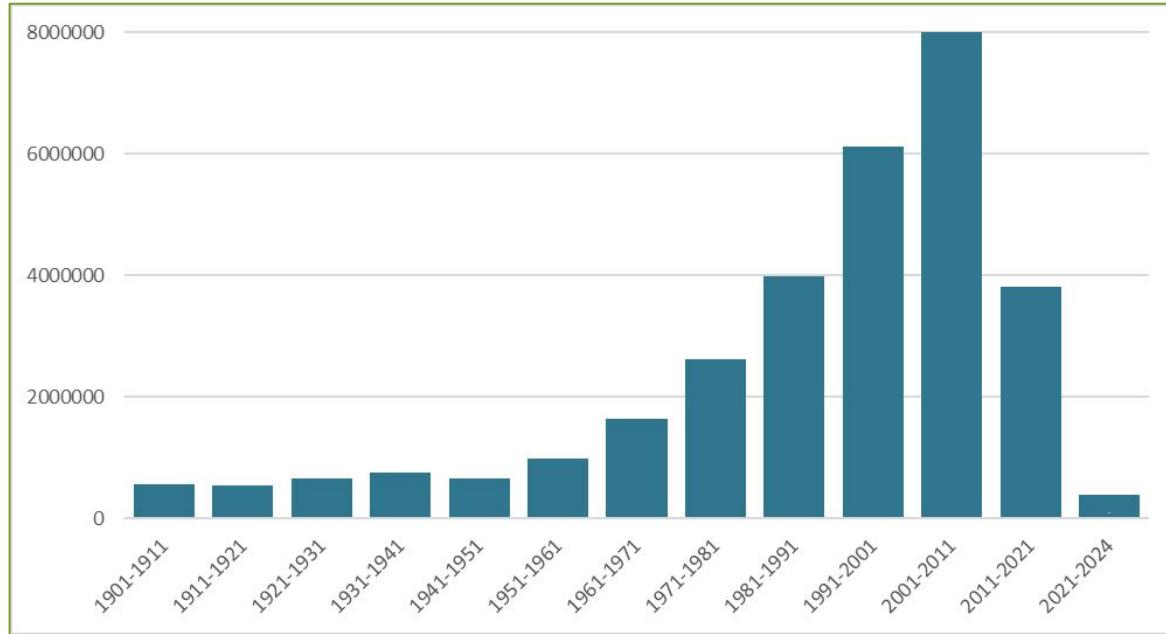


61% Physique et santé

85% Documents avec une catégorie

*Chiffres en date du 5 novembre 2025

Chiffres *Les dates de publications**



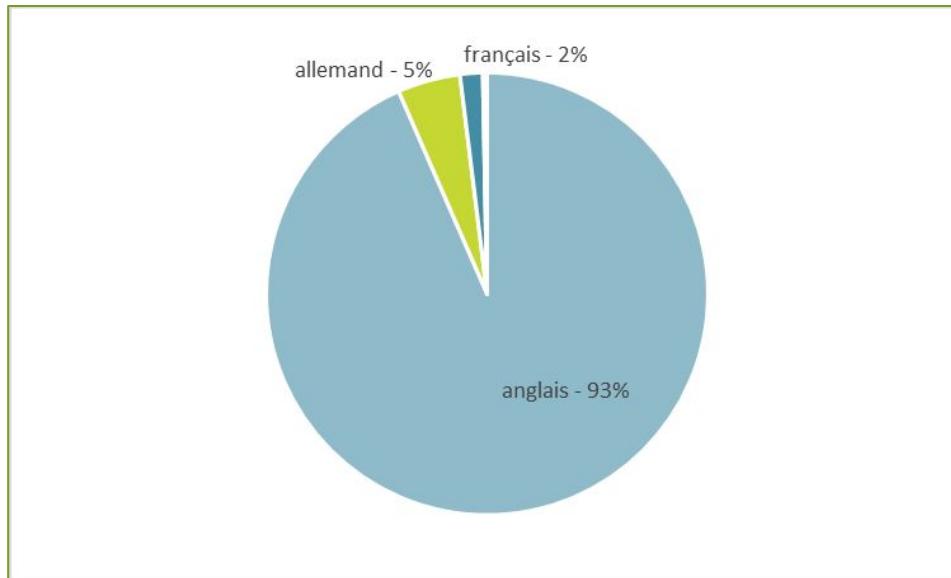
96% Entre 1900 et 2024

90% Depuis 1950

62% 30 dernières années

*Chiffres en date du 5 novembre 2025

Chiffres Polyglotte : 63 langues*!



Mais aussi du polonais, du grec ancien, du suédois, du catalan ...

*Chiffres en date du 5 novembre 2025



Istex

Enrichissements des données

Océrisation

676

Intraventricular kainic acid preferentially destroys hippocampal pyramidal cells

THE hippocampus is particularly vulnerable to a variety of conditions, such as anoxia, status epilepticus and senile dementia, in which central neurones are lost^{1,2}. Most commonly, the lesion involves only the Sommer sector (h_1) and the endfolium (h_3-h_5), sparing area h_2 , the fascia dentata and most regions outside the hippocampal formation. The consequences for hippocampal connections are unknown. Studies on the rat hippocampus suggest that connections made by the affected neurones could be replaced by axons of other neurones which project to the same areas^{3,4}. These anomalous synapses might either compensate in part for the loss of cells or contribute to whatever functional deficits may derive from the lesion. Since a good deal is known about afferent and efferent hippocampal connections in the rat, this animal might serve as a model for studies of hippocampal damage. However, the selective pathology seen clinically cannot be reproduced by conventional lesioning techniques. Ideally, one would like to use a toxin relatively specific for the neurones in question. Kainic acid, a potent excitatory analogue of glutamic acid⁵⁻⁷, has been used to destroy neurones in the arcuate nucleus⁸ and striatum,⁹⁻¹¹ while sparing fibres which pass to or through these regions. Previous workers have also briefly noted lesions in the hippocampus,^{8,11} but these were not described. Accordingly, we injected kainic acid intraventricularly into the rat brain and studied its effect on hippocampal neurones. We now report the unusual sensitivity of CA3-CA4, and to a lesser extent CA1, pyramidal cells to this agent. Our results suggest that kainic acid lesions can provide a model of hippocampal damage in man.



OCR

Objectif : pouvoir manipuler du texte
Outil : Tesseract

676

I

Intraventricular kainic acid preferentially destroys hippocampal pyramidal cells

THE hippocampus is particularly vulnerable to a variety of conditions, such as anoxia, status epilepticus and senile dementia, in which central neurones are lost^{1,2}. Most commonly, the lesion involves only the Sommer sector (h_1) and the endfolium (h_3-h_5), sparing area h_2 , the fascia dentata and most regions outside the hippocampal formation. The consequences for hippocampal connections are unknown. Studies on the rat hippocampus suggest that connections made by the affected neurones could be replaced by axons of other neurones which project to the same areas^{3,4}. These anomalous synapses might either compensate in part for the loss of cells or contribute to whatever functional deficits may derive from the lesion. Since a good deal is known about afferent and efferent hippocampal connections in the rat, this animal might serve as a model for studies of hippocampal damage. However, the selective pathology seen clinically cannot be reproduced by conventional lesioning techniques. Ideally, one would like to use a toxin relatively specific for the neurones in question. Kainic acid, a potent excitatory analogue of glutamic acid⁵⁻⁷, has been used to destroy neurones in the arcuate nucleus⁸ and striatum⁹⁻¹¹ while sparing fibres which pass to or through these regions. Previous workers have also briefly noted lesions in the hippocampus^{8,11} but these were not described. Accordingly, we injected kainic acid intraventricularly into the rat brain and studied its effect on hippocampal neurones. We now report the unusual sensitivity of CA3-CA4, and to a lesser extent CA1, pyramidal cells to this agent. Our results suggest that kainic acid lesions can provide a model of hippocampal damage in man.

<https://api.istex.fr/ark:/67375/GT4-JBKQ6L38-C/fulltext.pdf>

<https://api.istex.fr/ark:/67375/GT4-JBKQ6L38-C/fulltext.ocx>



Caractérisation des textes

<https://api.istex.fr/ark:/67375/VQC-SM7KVPC0-6/fulltext.pdf>

Ir J Med Sci (2010) 179:259–263
DOI 10.1007/s11845-009-0432-3

ORIGINAL ARTICLE

The cervical spine of professional front-row rugby players: correlation between degenerative changes and symptoms

B. A. Hogan · N. A. Hogan · P. M. Vos ·
S. J. Eustace · P. J. Kenny

Received: 6 October 2008 / Accepted: 14 September 2009 / Published online: 8 October 2009
© Royal Academy of Medicine in Ireland 2009

Abstract

Background Injuries to the cervical spine (C-spine) are among the most serious in rugby and are well documented. Front-row players are particularly at risk due to repetitive high-intensity collisions in the scrum.

Aim This study evaluates degenerative changes of the C-spine and associated symptomatology in front-row rugby players.

Materials and methods. Cervical radiographs from 14 professional rugby players and controls were compared. Players averaged 23 years of playing competitive rugby. Two consultant radiologists performed a blind review of radiographs evaluating degeneration of disc spaces and apophyseal joints. Clinical status was assessed using a

modified AAOS/NASS/COSS cervical spine outcomes questionnaire.

Results Front-row rugby players exhibited significant radiographic evidence of C-spine degenerative changes compared to the non-rugby playing controls ($P < 0.005$). Despite these findings the rugby players did not exhibit increased symptoms.

Conclusion This highlights the radiologic degenerative changes of the C-spine of front-row rugby players. However, these changes do not manifest themselves clinically or affect activities of daily living.

Keywords Rugby · Cervical spine · Degenerative change · Front-row

B. A. Hogan (✉)
Department of Diagnostic Imaging, Sports Surgery Clinic,
Sandy Demense, Dublin 9, Ireland
e-mail: bhogan@ctcmh.ie

N. A. Hogan
Department of Orthopaedic Surgery

Injuries to the cervical spine (C-spine) are among the most serious injuries occurring in rugby [1]. The earliest published reference to the relationship between rugby and spinal injuries dates back to a report in *The Times of London* from November 1860 [2]. A consistent finding

score:	5.159
pdfWordCount:	3239
pdfCharCount:	17432
pdfVersion:	1.3
pdfPageCount:	5
pdfPageSize:	"595.276 x 790.866 pts"
pdfWordsPerPage:	648
pdfText:	true

Objectif : ajouter des métadonnées (score de qualité, qualité des PDF, nombre de mots, présence et type d'enrichissements)

Outil : Interne à la chaîne de traitement

Structuration des PDF

TEI

Inside the brain of an elite athlete: the neural processes that support high achievement in sports

Kieran Yarrow*, Peter Brown¹ and John W. Krakauer²

Abstract | Events like the World Championships in athletics and the Olympic Games raise the public profile of competitive sports. They may also leave us wondering what sets the competitors in these events apart from those of us who simply watch. Here we attempt to link neural and cognitive processes that have been found to be important for elite performance with computational and physiological theories inspired by much simpler laboratory tasks. In this way we hope to inspire neuroscientists to consider how their basic research might help to explain sporting skill at the highest levels of performance.

Mirror system
A network of premotor and parietal cortical areas that is activated during the execution and the observation of action.

*Department of Psychology,
City University London,
Northampton Square,
London, EC1V 0HE, UK
Institute of Neurology,
School of Biological and
Neuroscience, Queen Square,
London, WC1N 3AZ, UK
Motor skills Laboratory,
Laboratory, the neuroscientific
institute of New York
Gottlieb Neuroscience Center
710W 16P Street,
New York 10032, USA
Correspondence:
e-mail: p.brown@ion.ucl.ac.uk
doi:10.1089/bio.2009.26172
Published online 1 July 2009

Year on year, competitive athletes confront our expectations regarding the limits of human physical performance and extend personal bests. This is reflected in cognitive psychology (over many years), this research has limited impact on our understanding of the neural basis of expert performance because the emphasis is on complex real-world tasks assessed with performance measures that do not map onto the simple mental processes that underlie learning and memory. Conversely, neuroscientists have focused on much simpler laboratory tasks. These tasks are more amenable to bridging the brain-behaviour divide because they allow more rigorous psychophysical characterization, computational modelling and brain-behaviour hypothesis testing within single experiments and between subjects. However, the relationship between simple laboratory-based motor adaptation tasks (learn over hours or days) and sports skills (learn over months or years) is far from clear.

Competitive sports are complex systems. To succeed, athletes must learn to make decisions based on the realization that distinctions between perception, cognition and motor control are fuzzy at best! If maintaining separate domains of perception, cognition and action is useful for heuristic purposes, then evidence suggests that athletes develop practice-dependent task models that are highly context specific.

In this Review, we introduce current computational and neurophysiological models of motor control and skill learning. We then focus on some of the properties that distinguish expert sportspersons from beginners, such as the ability to make predictive rather than reactive decisions to sporting scenarios; we suggest how these properties may involve both the

mirror system and an expanded role for forward models, which includes predicting the sporting outcome of actions, and in turn, our ability to neurophysiologically data which suggest how decision-making and action planning are interdependent. Hence, we attempt to identify how learning principles and neurophysiology could account for the observed performance differences, with the aim of bridging the gap between psychological research on expertise and neuroscientific models of the basic mechanisms that support sporting success.

Current ideas in motor control

All movements have goals. This is especially true in sport, in which there is no win. Movements also have costs. Thus, the most efficient computation or the most skilled movement is the one that is optimal in terms of accomplishing the goal at the lowest cost. In a recent formulation of the computational motor control framework, Krakauer and Mazzoni (2006) argue that two kinds of computation can be described first, we need to be able to accurately predict the sensory consequence of our motor commands (forward model; FOM); second, we need to combine these predictions with actual sensory feedback to form a judgement about the quality of the movement (inverse model; IOM). And given this state estimate we have to adjust the gains of our sensorimotor feedback loops so that our movements can maximize some measure of performance after optimally balancing the costs and rewards of the movement (optimal control).

The question of which brain areas are involved in the above computations remains controversial.

```
<TEI xmlns="http://www.tei-c.org/ns/1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ns1="http://www.tei-c.org/ns/1.0">
<teiHeader xml:lang="en">
  <encodingDesc>
    <application version="0.5.3-SNAPSHOT" ident="GROBID" when="2018-11-06T19:29+0000">
      <ref target="https://github.com/kermitt2/grobid">GROBID - A machine learning software for extracting
      </application>
    </appInfo>
  </encodingDesc>
  <fileDesc>
    <titleStmt>
      <title level="a" type="main">Mirror system Inside the brain of an elite athlete: the neural processes
      <resProd>
        <respProduced by GROBID/><resp>
        <name resp="ISTEX-API">ISTEX-API (INIST-CHRS)</name>
      </respStmt>
    </titleStmt>
    <publicationStmt>
      <pubDate>
        <availability status="unknown">
          <licence/>
        </availability>
        <date type="published" when="2009-07-01">Published online 1 July 2009</date>
      </publicationStmt>
    <sourceDesc>
      <biblStruct>
        <analytic>
          <author>
            <personName xmlns="http://www.tei-c.org/ns/1.0">
              <forename type="first">Kieran</forename>
              <surname>Yarrow</surname>
            </personName>
            <affiliation key="aff1">
              <orgName type="department">Department of Psychology</orgName>
              <orgName type="institution">City University London</orgName>
            </affiliation>
            <address>
              <postCode>EC1V 0HE</postCode>
              <settlement>Northampton Square, London</settlement>
              <country key="GB">UK</country>
            </address>
            </author>
            <author role="corresp">
              <personName xmlns="http://www.tei-c.org/ns/1.0">
                <forename type="first">Peter</forename>
                <surname>Brown</surname>
              </personName>
              <email>p.brown@ion.ucl.ac.uk</email>
            </affiliation key="aff1">
              <orgName type="department" key="dep1">Institute of Neurology</orgName>
              <orgName type="department" key="dep2">Sobell Department of Motor Neuroscience</orgName>
              <orgName type="institution">Columbia University Medical Center</orgName>
            </affiliation>
          </author>
        </analytic>
      </biblStruct>
    </sourceDesc>
  </fileDesc>
</TEI>
```

<https://api.istex.fr/document/B93719495B65166FE96616907A29E399F5D13A49/enrichments/grobidFulltext>

Objectif : identifier le titre, le résumé, le corps du texte
Outil : Grobid

NATURE REVIEWS | NEUROSCIENCE

© 2009 Macmillan Publishers Limited. All rights reserved

VOLUME 10 | AUGUST 2009 | 585

<https://api.istex.fr/ark:/67375/GT4-DD47BSHS-4/fulltext.pdf>

Extraction des références bibliographiques



References

1. Lopez, P., Romary, L.: Multiple retrieval models and regression models for prior art search. In: CLEF 2009 Workshop, Technical Notes, Corfu, Greece (2009)
2. Nakov, P., Schwartz, A., Hearst, M.: Citances: Citation sentences for semantic

```
<listBibl>
  <biblStruct xml:id="b0" resp="#ISTEX-API" change="#refBibs-istex">
    <analytic>
      <title level="a" type="main">Multiple retrieval models and regression models for prior art search</title>
    <author>
      <persName>
        <forename type="first">P</forename>
        <surname>Lopez</surname>
      </persName>
    </author>
    <author>
      <persName>
        <forename type="first">L</forename>
        <surname>Romary</surname>
      </persName>
    </author>
  </analytic>
  <monogr>
    <title level="m">CLEF 2009 Workshop</title>
    <meeting>
      <address>
        <addrLine>Corfu, Greece</addrLine>
      </address>
    </meeting>
    <imprint>
      <date type="published" when="2009" />
    </imprint>
  </monogr>
</biblStruct>
<biblStruct xml:id="b1" resp="#ISTEX-API" change="#refBibs-istex">
  <analytic>
```

Objectif : détecter et structurer les références bibliographiques des articles en XML et enrichis en TEI

Outil : [Grobid](#)

<https://api.istex.fr/document/33084B71E6575921150BF4D507A4B7E7516D48F4/enrichments/refBibs>

Catégorisation des documents

**JOURNAL OF
Plant Physiology**
© 1997 by Gustav Fischer Verlag, Jena

Concentration of Zinc and Activity of Copper/Zinc-Superoxide Dismutase in Leaves of Rye and Wheat Cultivars Differing in Sensitivity to Zinc Deficiency

I. CAKMAK¹*, L. ÖZTÜRK¹, S. EKER¹, B. TORUN¹, H. I. KALFA¹, and A. YILMAZ²

¹ Department of Soil Science and Plant Nutrition, Faculty of Agriculture, Cukurova University Adana, Turkey
² International Winter Cereals Research Center, POB 325 Konya, Turkey

Received July 16, 1996 · Accepted October 30, 1996

Summary

Two bread wheat (*Triticum aestivum* L. cvs. Bezostaja-1 and BDME-10), two durum wheat (*Triticum durum* L. cvs. Kunduru-1149 and Kizilata-91) and one rye (*Secale cereale* L. cv. Aslim) cultivars differing in sensitivity to zinc (Zn) deficiency were grown under controlled environmental conditions for 21 days in a Zn deficient soil to compare severity of Zn deficiency symptoms with the concentration of total Zn and activities of total superoxide dismutase (SOD), copper (Cu) and Zn containing SOD (Cu/Zn-SOD) and manganese (Mn) containing SOD (Mn-SOD) in leaves.

Visual Zn deficiency symptoms such as development of whitish-brown necrotic patches on leaf blades appeared rapidly and were severe in bread wheat cultivar BDME-10 and particularly in both durum wheat cultivars, while Bezostaja-1 was much less affected by Zn deficiency. In the case of rye, the leaf symptoms were either absent or only slightly developed. The effect of Zn deficiency on shoot dry matter production was very similar to the effect on leaf symptoms. Decreases in shoot dry matter production as a result of Zn deficiency were about 16% in Aslim (rye) and Bezostaja-1, 36% in BDME-10 and 47% in durum wheat. Despite of such marked differences in sensitivity to Zn deficiency, concentrations of Zn in leaves were not different between the cultivars under Zn deficiency. However, activities of Cu/Zn-SOD, Mn-SOD, total SOD, but not Mn-SOD were very closely related with the sensitivity of cultivars to Zn deficiency. Under Zn deficiency, rye showing a high resistance to Zn deficiency had the greatest Cu/Zn-SOD. Among the wheat cultivars, Bezostaja-1 with less sensitivity to Zn deficiency showed the activity of Cu/Zn-SOD than other wheat cultivars.

The results suggested that Zn efficient cereal genotypes possess higher amounts of physiologically active Zn in leaves and that activity of Cu/Zn-SOD is a better indicator of Zn nutritional status than Zn concentration alone. An efficient utilization of Zn at the cellular level seems to be a major factor determining expression of Zn efficiency in cereals growing under deficient supply of Zn.

Key words: *Secale cereale*, *Triticum aestivum*, *Triticum durum*, superoxide dismutase, zinc concentrations, zinc deficiency, zinc efficiency.

<https://api.istex.fr/api/6/375/6H6-XNPFOHV-N/fulltext.pdf>

Exemples :

- par appariement ([WoS](#), [Scopus](#), [Science Metrix](#))
> *Plant Sciences* ([WoS](#))
- par apprentissage ([Inist](#)) > *Agronomie, Sciences du sol et production*

Objectif : déterminer les domaines scientifiques des documents

Outils : Multicat([WoS](#), [Scopus](#), [Science Metrix](#)), [nb](#)

Indexation automatique

A Retrospective Mortality Study of Workers Exposed to Arsenic in a Gold Mine and Refinery in France

L. Simonato, MD, J.J. Moulin, MD, B. Javelaud, MD, PhD, G. Ferro, BSc,
P. Wild, BSc, R. Winkelmann, MA, and R. Saracci, MD

A historical mortality study of a cohort of employees of a gold mining and refining company was carried out in Salsigne, France. A major goal of the study was to investigate the relationship between lung cancer mortality and exposure to arsenic, radon, silica, and other contaminants of the working environment. A twofold excess of lung cancer was found both among miners and smelters, mainly concentrated among workers who had experienced exposure to past levels of arsenic, radon, and silica. The consistency of the results in the mine and the refinery are suggestive of a carcinogenic risk from both soluble and insoluble arsenic, although the potential role of other factors cannot be dismissed. © 1994 Wiley-Liss, Inc.

Key words: radon, silica, gold mining and refining, retrospective cohort, lung cancer

INTRODUCTION

An apparent high incidence of neoplasms of the respiratory system among employees in gold extraction and refining in Salsigne (Aude) was first reported in 1977 [doctoral thesis by Perisse, 1976–77] from the Department of Pneumology of the General Hospital in Carcassonne. Forty cases of lung cancer were included in the first investigation, whose results, even in the absence of a formal comparison group, appeared to indicate a large excess when considering the time period and the size of the population studied. A similar case series was subsequently reported in 1985 in another doctoral thesis written by Jammes [1985].

<https://api.istex.fr/ark:/67375/WNG-VG7JRRJ8-X/fulltext.pdf>

```
<term>
  <term>lung cancer</term>
  <fs type="statistics">
    <f name="frequency">
      <numeric value="13"/>
    </f>
    <f name="specificity">
      <numeric value="0.9285714285714287"/>
    </f>
  </fs>
</term>
<term>
  <term>iarc</term>
  <fs type="statistics">
    <f name="frequency">
      <numeric value="13"/>
    </f>
    <f name="specificity">
      <numeric value="0.9285714285714287"/>
    </f>
  </fs>
</term>
<term>
  <term>factory worker</term>
  <fs type="statistics">
    <f name="frequency">
      <numeric value="11"/>
    </f>
    <f name="specificity">
      <numeric value="0.7857142857142858"/>
    </f>
  </fs>
</term>
<term>
  <term>arsenic</term>
  <fs type="statistics">
    <f name="frequency">
      <numeric value="22"/>
    </f>
    <f name="specificity">
      <numeric value="0.7415896986449134"/>
    </f>
  </fs>
</term>
```

<https://api.istex.fr/document/18F83D582A47A3F207E9FF2D426A5EE97D91BE84/enrichments/teeft>

arsenic = 22

miner = 20

radon = 14

lung cancer = 13

Objectif : extraire les termes les plus représentatifs (anglais)

Outil : [Teeft](#)

Détection des entités nommées

1. Personnes
2. Lieux
3. Organisations
4. Projets financés
5. Organisme financeur
6. Hébergeur de ressources
7. URL
8. Dates
9. Citations



<https://tln.lifat.univ-tours.fr/version-francaise/ressources/tutoriels-unitex>

INTRODUCTION

An apparent high incidence of neoplasms of the respiratory system among employees in gold extraction and refining in Salsigne (Aude) was first reported in 1977 [doctoral thesis by Perisse, 1976–77] from the Department of Pneumology of the General Hospital in Carcassonne. Forty cases of lung cancer were included in the first investigation, whose results, even in the absence of a formal comparison group, appeared to indicate a large excess when considering the time period and the size of the population studied. A similar case series was subsequently reported in 1985 in another doctoral thesis written by Jammes [1985].

While it is well recognized [IARC, 1980, 1987b; Jarup et al., 1989; Sandstrom et al., 1989] that exposure to arsenic during the process of refining gold constitutes a risk factor for lung cancer, the presence of an increased risk among miners as well, who are exposed to insoluble arsenic, and are potentially exposed to other risk factors

Objectif : extraire les entités nommées

Outil : [Unitex](#)



Istex

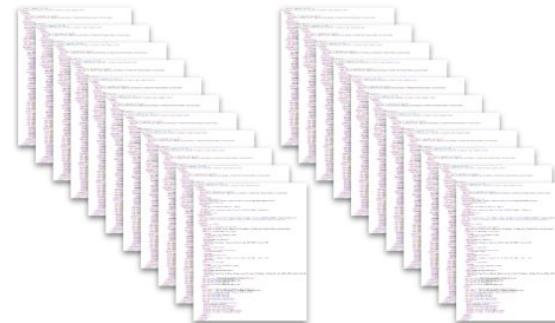
Accès et usages

2 types d'usage

Usage documentaire



Usage TDM
(Text and data mining)



Un document

VS

Un corpus de documents

Accès Istex pour un usage de TDM



Services

Ressources

Accompagnement

Actualités



[Istex.fr](#)



[Istex Corpus](#)



[Istex Search](#)



[Lodex](#)



[Istex Loterre](#)



[Istex TDM](#)

Site général, vitrine du possible

Corpus scientifiques issus d'Istex

Outil de constitution de corpus
connecté à l'API

Outil de création de sites web
(visualisation de données)

Bibliothèque de terminologies
multilingues

Catalogue de web-services

Accès Istex pour un usage documentaire



Services

Ressources

Accompagnement

Actualités

Institutions adhérentes



Istex.fr

Site général, vitrine du possible



Google
Scholar

Génération de Google holdings couverture Istex



Click & Read

Extension de navigateur



Solution de
découverte

Bouquets dans module d'administration



Revue de
sommaire

Page dédiée pour chaque revue et monographie Istex



Istex Search

Recherche et téléchargement

Istex Search - <https://search.istex.fr/>

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.

Google Scholar

La couverture des données présentes dans Istex est mise à disposition pour GoogleSholar.**fr** avec les "Google Holding"

The screenshot shows the 'Paramètres' (Settings) section of the Google Scholar interface. It includes a sidebar with options like 'Résultats de recherche', 'Langues', 'Liens vers des bibliothèques', 'Compte', and 'Bouton'. The main area displays a search bar with 'ex.: Harvard' and a checkbox for 'ISTEX - [PDF] ISTEX' which is checked. Below the search bar is a note about connecting to a library via the Internet. At the bottom are 'Enregistrer' (Save) and 'Annuler' (Cancel) buttons, and a link to 'Pour conserver ces paramètres, vous devez activer les cookies.'

The screenshot shows a search result for 'VIRTIS: The imaging spectrometer of the Rosetta mission'. The title is bolded. Below it is a snippet of text from a paper by Coradini et al. in 'Advances in Space ...'. There are links for '[HTML]' and '[PDF]' versions, both of which are highlighted with a green border. Below the snippet are links for 'Enregistrer', 'Citer', 'Autres articles', and 'Les 8 versions'. To the right, there are two more results: 'The Rosetta mission: flying towards the origin of the solar system' and 'MIDAS—the micro-imaging dust analysis system for the Rosetta mission', each with its own snippet and download links.

VIRTIS: The imaging spectrometer of the Rosetta mission
A Coradini, F Capaccioni, P Drossart, A Semery... - *Advances in Space ...*, 1999 - Elsevier
... **The Rosetta mission** calls for the spacecraft to orbit the comet nucleus, conducting ... For that reason VIRTIS will be a key experiment for **the Rosetta mission**. If also on 67P/Wirtanen, like ...
☆ Enregistrer 59 Citer Cité 44 fois Autres articles Les 8 versions

The Rosetta mission: flying towards the origin of the solar system
KH Glassmeier, H Boehnhardt, D Koschny, E ...
Space Science Reviews - 2007
link.springer.com
[PDF] caltech.edu

MIDAS—the micro-imaging dust analysis system for the Rosetta mission
W Riedler, K Torkar, H Jeszczyszky, J Romstedt...
Space Science Reviews - 2007
link.springer.com

Plasma source and loss at comet 67P during the Rosetta mission
KL Heittier, M Galand, P Henn, FL Johansson... - *Astronomy & ...*, 2018 - aanda.org
... understand the different drivers of the cometary ionosphere and assess their variability over time and over the different conditions encountered by the comet during **the Rosetta mission**....
☆ Enregistrer 50 Citer Cité 85 fois Autres articles Les 13 versions



"The ROSETTA mission" => **sid=google**

Extension Click & Read

L'extension de navigateur Click & Read, développé pour les navigateurs **Firefox**, **Chrome** et **Safari**, remplace et unifie les 3 extensions existantes des plateformes gérées par l'Inist-CNRS.

Google "Managerial Social Capital and Financial Development" Tous Actualités Images Livres Shopping Plus Outils Environ 245 résultats (0,34 secondes)

Articles universitaires correspondant aux termes "**Managerial Social Capital and Financial Development: A Cross-Country Analysis**" Managerial social capital and financial development: A ... - Javakhadze - Cité 12 fois

[https://papers.ssrn.com/sol3/papers... Traduire cette page](https://papers.ssrn.com/sol3/papers...)

Managerial Social Capital and Financial Development de D Javakhadze - 2016 - Cité 11 fois — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · Stephen P. Ferris · Dan W....

[https://onlinelibrary.wiley.com/.../fire... Traduire cette page](https://onlinelibrary.wiley.com/.../fire...)

Managerial Social Capital and Financial Development: A ... CR 12 janv. 2016 — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · David Javakhadze.

[https://onlinelibrary.wiley.com/.../fire... Traduire cette page](https://onlinelibrary.wiley.com/.../fire...)

Managerial Social Capital and Financial Development: A ... CR de D Javakhadze - 2016 - Cité 11 fois — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · Florida Atlantic University.



Articles universitaires correspondant aux termes "**Managerial Social Capital and Financial Development: A Cross-Country Analysis**" Managerial social capital and financial development: A ... - Javakhadze - Cité 12 fois

[https://papers.ssrn.com/sol3/papers... Traduire cette page](https://papers.ssrn.com/sol3/papers...)

Managerial Social Capital and Financial Development de D Javakhadze - 2016 - Cité 11 fois — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · Stephen P. Ferris · Dan W....

[https://onlinelibrary.wiley.com/.../fire... Traduire cette page](https://onlinelibrary.wiley.com/.../fire...)

Managerial Social Capital and Financial Development: A ... CR 12 janv. 2016 — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · David Javakhadze.

[https://onlinelibrary.wiley.com/.../fire... Traduire cette page](https://onlinelibrary.wiley.com/.../fire...)

Managerial Social Capital and Financial Development: A ... CR de D Javakhadze - 2016 - Cité 11 fois — Managerial Social Capital and Financial Development: A Cross-Country Analysis · David Javakhadze · Florida Atlantic University.



Managerial Social Capital and Financial Development: A Cross-Country Analysis

David Javakhadze · Stephen P. Ferris · Dan W. French

First published: 12 January 2016 | <https://doi.org/10.1111/fire.12097> | Citations: 5

The authors acknowledge assistance from Chris Try and Joseph Giugni of Boardix and Lada Micheas from the University of Missouri Social Science Statistics Center. We also appreciate helpful comments from Mary Lynn Davieck.

Read the full text > PDF TOOLS SHARE

Abstract

This study examines the issue of whether managerial social capital, defined as aggregate benefits of social obligations and informal contacts formed through social networks, has an impact on financial development. Utilizing a large cross-country sample for the period 1999–2012, we provide evidence that higher levels of social capital have a positive effect on financial development. We are able to examine different types of social connections for our sample firms and find that informal and nonprofessional relationships matter the most for financial market development. These findings are robust to alternative model specifications, variable measurement, and estimation techniques.

Citing Literature



"" => sid=clickandread

Plus de détails :
[extension click&read / L'extension web « Click & Read » du CNRS et les ressources ISTEK!](#)

Solution de découverte : EDS/Ebsco

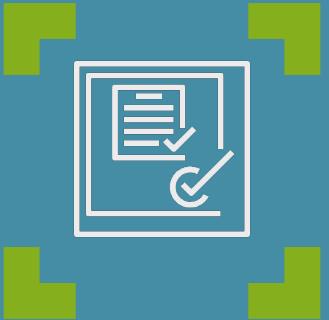
Accès aux ressources Istex à partir de votre portail documentaire ou de l'ENT de votre établissement de façon transparente.

The screenshot shows the "Accès aux ressources documentaires du CNRS" interface. At the top, there are tabs for "Articles", "Revues, ouvrages", "Plateformes", and "Données de recherche". A search bar contains the query "Managerial Social Capital and Financial Development: A Cross-Country Analysis*". Below the search bar is a grid of subject categories: SCIENCES HUMAINES & SOCIALES, BIOLOGIE, PHYSIQUE, INGENIERIE, NUCLÉAIRE & PARTICULES, MATHÉMATIQUES, SCIENCES INFORMATIQUES, CHIMIE, TERRE & UNIVERS, and ÉCOLOGIE & ENVIRONNEMENT. The search results section shows 2 results for the query. The first result is titled "Managerial Social Capital and Financial Development: A Cross-Country Analysis. [Academic Journal]". It includes author information (Javakhadze, David I; Ferris, Stephen P.; French, Dan W.), publication details (Financial Review, Feb 2016, Vol. 51 Issue 1, p37-68, 32p. 10 Charts), and a DOI link (DOI : 10.1111/finre.12097). A green arrow points from this result to the right-hand panel.



"Managerial Social Capital and Financial Development: A Cross-Country Analysis"

The right-hand panel displays the full record for the article "Managerial Social Capital and Financial Development: A Cross-Country Analysis".
- **Header:** EFA (Eastern Finance Association), FR (The Financial Review), The Financial Review 51 (2016) 37–68.
- **Authors:** David Javakhadze, Stephen P. Ferris*, Dan W. French
- **Affiliations:** Florida Atlantic University, University of Missouri
- **Abstract:** This study examines the issue of whether managerial social capital, defined as aggregate benefits of social obligations and informal contacts formed through social networks, has an impact on financial development. Utilizing a large cross-country sample for the period 1999–2012, the authors find that higher levels of managerial social capital are associated with higher levels of financial development across countries.
- **Link:** <https://api.istex.fr/ark:/67375/WNG-GJB7VFCV-7/fulltext.pdf>



Istex

En conclusion

Istex se distingue des autres au niveau mondial ...

Plateformes	Abrégé	Pays
Deutsche Nationallizenzen	DFG	Allemagne
Swissbib	Swissbib	Suisse
NEICON	NEICON	Russie
Scholars Portal Ontario	Ontario	Canada
Project MUSE	MUSE	Etats-Unis
JSTOR	JSTOR	Etats-Unis
California Digital Library	CDL	Etats-Unis
SciELO	SciELO	Brésil

... par des services à valeur ajoutée de fouille de texte.

Istex: des avantages pour tous les acteurs de la Recherche

La politique d'acquisition menée sous forme d'achats centralisés offre :

- Egalité : ISTEX permet une égalité territoriale et institutionnelle d'accès à l'information, tous les utilisateurs auront accès à un réservoir national exceptionnel quelle que soit leur institution de rattachement.
- Pluridisciplinarité : les ressources couvrent l'ensemble des champs scientifiques, toutes disciplines confondues, permettant ainsi à chaque utilisateur de profiter d'un accès à un champ élargi à la connaissance.
- Complémentarité : s'articulant avec les abonnements courants, cette plateforme permettra également aux établissements d'enrichir leurs portails locaux en offrant un accès unifié à toute la documentation dans une logique de complémentarité avec les acquisitions des établissements.
- Economie : grâce au financement mobilisé pour le projet ISTEX, l'acquisition des ressources électroniques passera par des licences nationales permettant de réaliser des économies d'échelle. Combinée avec les politiques d'acquisition des établissements, cette nouvelle approche renforcera le poids des acheteurs publics face aux éditeurs.

Istex: points sur les acquisitions

Ressources en cours de chargement

- Copernicus (Open Access) (*59 000 articles*)
- Cambridge University Press - 2011/2017 (*200 revues*)
- Brill (*Encyclopédies New Pauly, Suppléments New Pauly & Religion Past and Present*)

Ressources livrées, en cours d'analyse

- Elsevier 2017/2019 (*Revues multidisciplinaires*)

Ressources à venir

- Elsevier 2020/2023 (*Revues multidisciplinaires*)
- CollEx-Persée 2





Istex

Liens utiles

Informations & Contact

Se tenir informé(e)



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

Chercher de l'aide / Contribuer à l'amélioration d'Istex



- Contact
 - Via le formulaire : <https://www.istex.fr/contact/>
 - Via la liste : contact@listes.istex.fr
- Liste de discussion Istex : users@listes.istex.fr
- Liste de discussion Lodex :
<https://groupes.renater.fr/sympa/info/lodex>



Merci pour votre attention

