

# Quotes

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[Indexing in international virtual newspaper libraries](#)

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[Standards for titles](#)

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Highly selective

They tend to be multidisciplinary

They offer analytical records of documents, summaries and links to complete texts selectively

It is accessed through various indexes (author, title, descriptor, ...)

They provide specialized bibliometric indicators (Impact factor, analysis of quotes, Index of immediacy, Index H, ...)



*Also called: Virtual libraries, virtual libraries, collections of electronic journals, journal portals, aggregator systems*

*Oriented to offer the full text of published articles*

*Selectives, according to editorial criteria, thematic specialization or geographical origin*

*They offer access to full texts, more aggregated values (alerts, links, forums, bibliometric indicators)*

*Produced by commercial services or by open access initiatives (Open Access)*



Journals of a country that have priority in supports and subsidies

They represent the set of national magazines of the highest editorial quality and content

They are selective

Supported by national science and technology organizations

The selection is made by one or more committees formed by scientists, editors and specialists in scientific information

In Latin America there are core lists of journals in Argentina, Brazil, Colombia, Chile, Mexico and Venezuela



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Each resource establishes its own policies

In general terms, there are three areas of evaluation:

**Management:** knowing how the journal is managed, how stable it has been and how it is disseminated

**Standardization:** observance of international standards that facilitate the identification and registration of publications

**Contents:** presence of contents of high scientific quality



### ¿Qué contiene la base de datos?

CLASE es una base de datos bibliográfica creada en 1975 en la Universidad Nacional Autónoma de México (UNAM). La base de datos se actualiza diariamente y más de 10 mil registros son agregados cada año.

Ofrece alrededor de 270 mil registros bibliográficos de artículos, ensayos, reseñas de libro, revisiones bibliográficas, notas breves, editoriales, biografías, entrevistas, estadísticas y otros documentos publicados en cerca de 1 500 revistas de América Latina y el Caribe, especializadas en ciencias sociales y humanidades.

Las revistas incluidas en CLASE cumplen con criterios de selección y son analizadas por un equipo multidisciplinario que cubre los siguientes temas:

- Administración
- Antropología
- Arte
- Bibliotecología
- Ciencia de la información
- Ciencias de la comunicación
- Demografía
- Derecho
- Economía
- Educación
- Filosofía
- Geografía humana
- Historia
- Lingüística
- Literatura
- Política
- Psicología
- Relaciones internacionales
- Religión
- Sociología

Todas las revistas se encuentran en la Hemeroteca Latinoamericana, a través de la cual se ofrece el servicio de obtención de documentos.

Las búsquedas pueden realizarse a través de los siguientes campos:

**AUTOR:** apellidos y nombres (o iniciales) de los autores del documento.

**TÍTULO:** título del artículo o documento.

## Example of selection criteria available in a database

### Criterios de selección de revistas para las bases de datos CLASE y PERIÓDICA

CLASE y PERIÓDICA indizan revistas académicas de investigación, técnico-profesionales y de difusión científica o cultural, editadas en países de América Latina y el Caribe. También se incluyen revistas editadas por organismos internacionales de alcance panamericano. Las revistas pueden ser especializadas o multidisciplinarias, en formato impreso o electrónico. Las revistas especializadas en ciencias sociales y humanidades se indizan en CLASE, mientras que las de ciencia y tecnología se incluyen en PERIÓDICA. Las multidisciplinarias pueden incluirse en alguna de las dos bases de datos, conforme a la opinión del Comité de Selección. Todas las revistas son evaluadas por el Comité, de acuerdo con los siguientes criterios.

### Criterios de normalización editorial

Las revistas deberán observar normas técnicas, nacionales o internacionales, que apoyan la transferencia de información y facilitan su registro, ya que proporcionan información única, suficiente y confiable relativa al historial de cada revista. Dentro de este grupo se valora que las revistas proporcionen los datos del editor o responsable de la revista; los datos del organismo responsable de su edición; el registro ISSN; la mención de periodicidad; el membrete bibliográfico en la portada, en páginas de presentación y en los documentos mismos, entre otros criterios.

### Criterios de gestión y visibilidad

Este grupo de criterios permite conocer cómo es administrada la revista, qué tan estable ha sido y cuánto se difunde. Se valora que la revista mencione su objetivo, cobertura temática y público al que va dirigida; que cumpla con su periodicidad; que cuente con un consejo o comité editorial y que sus integrantes provengan de instituciones diversas; que se haga mención del tipo de arbitraje aplicado a los documentos; que se proporcionen las fechas de recepción y aceptación de los documentos y que incluyan instrucciones a los autores, entre otros. En cuanto a su visibilidad, se toma en cuenta que la revista esté cubierta por otras bases de datos o servicios de información y que indique sus mecanismos de distribución, incluyendo versiones electrónicas disponibles en Internet u otros formatos.

### Criterios de contenidos con fines de indización

## Example of selection criteria available in a database



# WEB OF KNOWLEDGE<sup>SM</sup>



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SEARCH

Benefits & Resources > Essays & White Papers > Journal Selection Process

## ESSAY

BY JIM TESTA, DIRECTOR OF EDITORIAL DEVELOPMENT

SUBSCRIBER LOGIN >

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▶ SUPPORT

### THE THOMSON REUTERS JOURNAL SELECTION PROCESS

Thomson Reuters is committed to providing comprehensive coverage of the world's most important and influential journals to meet its subscribers' current awareness and retrospective information retrieval needs. Today *Web of Science*<sup>®</sup> covers nearly 12,000 international and regional journals and book series in every area of the natural sciences, social sciences, and arts and humanities.

BUT COMPREHENSIVE DOES NOT NECESSARILY MEAN ALL-INCLUSIVE. <sup>1</sup>

#### WHY BE SELECTIVE?\*

It would appear that, in order to be comprehensive, an index to scientific journal literature might be expected to cover all the scientific journals published. This approach would be not only impractical economically, but as analyses of the scientific literature have shown, unnecessary. It has been demonstrated that a relatively small number of journals publish the bulk of significant scientific results. This principle is often referred to as Bradford's Law. <sup>2</sup>

WoK: <http://wokinfo.com/benefits/essays/journalselection/>

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HAPI Online: <http://hapi.ucla.edu>

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ABOUT HAPI

FAQ

[HAPI Online](#) > [About HAPI](#) > Criteria for Inclusion in HAPI

## Criteria for Inclusion in HAPI

HAPI currently indexes more than 275 academic journals with content about Latin America, the Caribbean, Brazil, and Hispanics/Latinos in the United States. We regularly include new titles to those currently indexed.

When deciding to begin to index a journal, HAPI considers a number of factors.

The primary criterion is that the journal regularly contains articles about Latin America, the Caribbean, Brazil, and/or Hispanics/Latinos in the United States. Journals that cover Spain or Portugal exclusively or focus on Spanish and Portuguese linguistics are currently not indexed by HAPI.

Journals must also be academic, rather than popular. Journals should be peer-reviewed or refereed.

Journals should also display evidence of a consistent publishing history.

Currently, it is HAPI's practice to index journals that are available in print. Even when an electronic copy is available, HAPI's volunteer indexers use the print version to generate citations.

Unfortunately, HAPI does not currently have the capability to index journals about Latin America that are written in languages other than English, Spanish, Portuguese, French, German, and Italian. However, if you know of a journal that meets the other criteria, but is not in one of the above languages, [we would like to know](#). We'd also like to hear from you if you'd like to become a volunteer indexer and can read languages other than those listed above.

If your journal is interested in becoming included in HAPI, please send us an email with the journal's contact number, ISSN, website, information about the editorial staff, and peer-review process.

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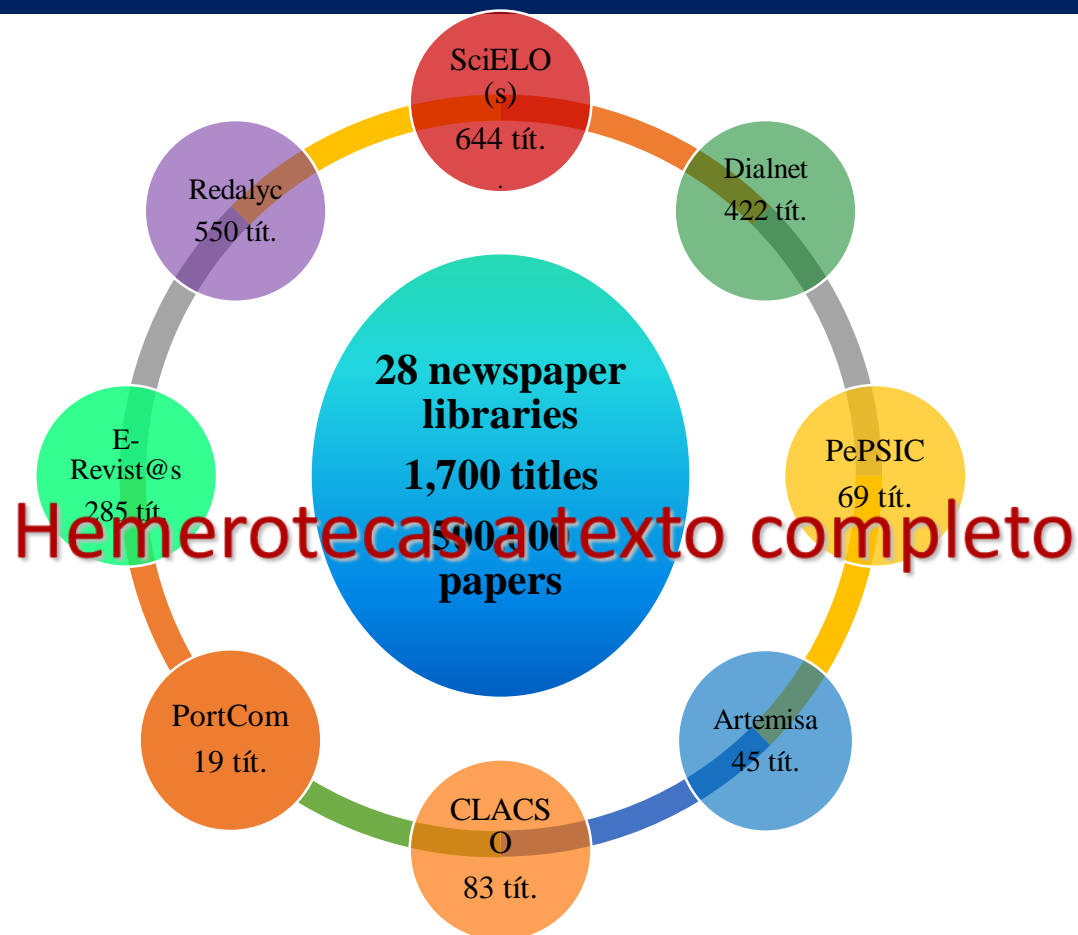
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## Open access resources

Newspaper library	Total titles	Tittles AL-C	%
DOAJ	4,473	878	19.7
Geosciences e-J.	55	8	14.5
Free Medical J.	500	29	5.8

## Commercial services

Newspaper library	Total titles	Tittles AL-C	%
SocIndex FT	777	37	4.8
CINAHL	600	19	3.2
JSTOR	1,612	4	0.2

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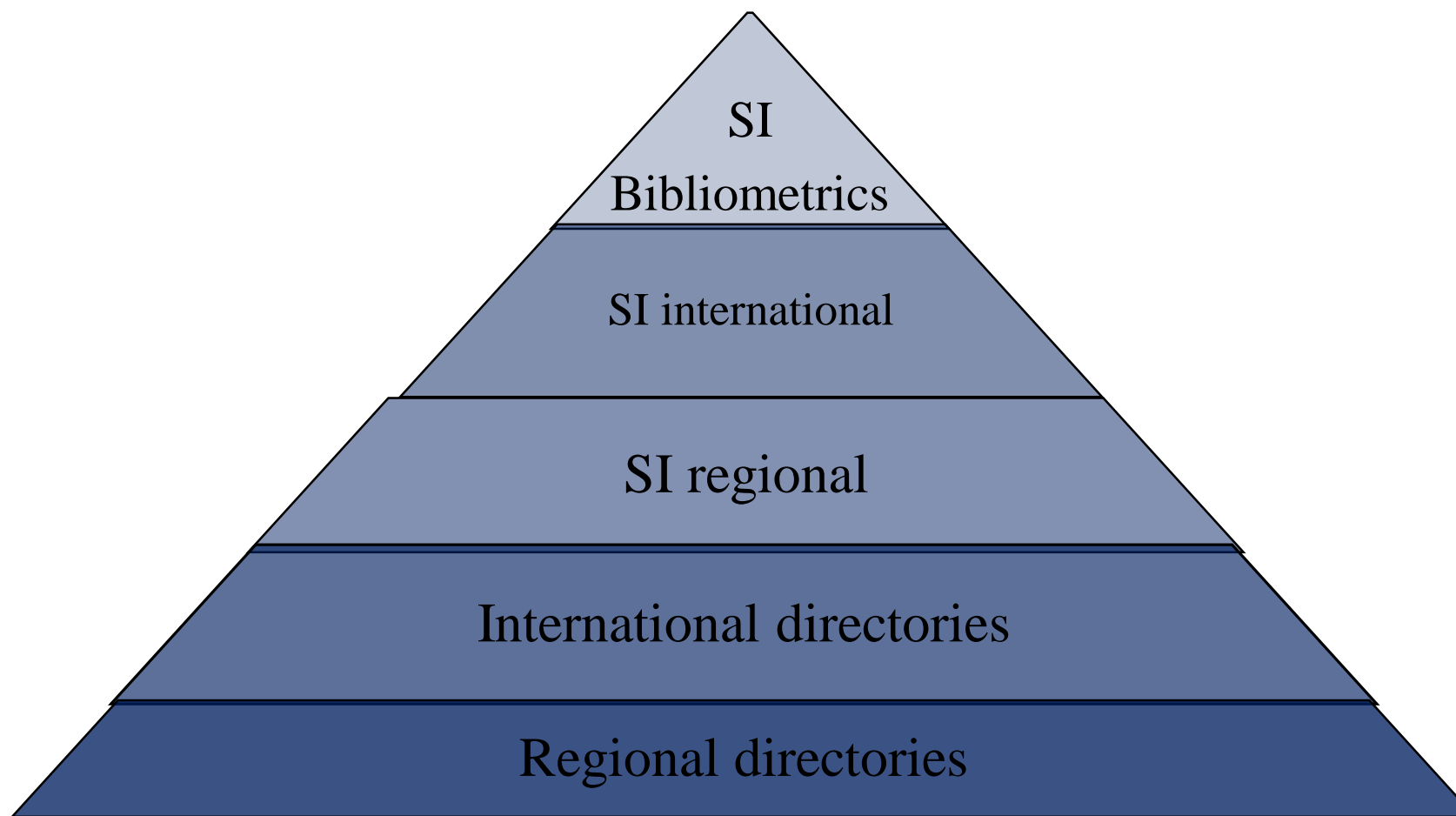
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without sodium carbonate at room temperature or 60°C. The results of the cocoon cooking and subsequent single silk filament reeling indicated for an applicability of pineapple extract as an effective agent for the oak tasar cocoon cooking and reeling.

#### Article

The fruit of pineapple, *Ananas comosus* (L.) Merr. is a rich source of a mixture of cysteine proteinases, the most abundant among them being the fruit bromelain (EC 3.4.22.33) which hydrolytically cleaves the internal peptide bonds in proteins with relatively broad specificity (Rowan and Buttle, 1994). The pineapple proteinases find uses in various industrial and medical applications including brewing, meat tenderization, prevention of diarrhea, digestive aids and treatment of edema (Takagi et al. 1992; Tanabe et al. 1996; Chandler and Mynott, 1998; Kelly, 1996; Maurer, 2001). The use of enzymes in the silk industry is relatively unexplored, has generated a lot of interest, and much research is being carried out internationally (Gulrajani et al. 2000). Against this background, pineapple fruit pulp extract (simply pineapple extract) having proteinase activity may also find application in tasar silk industry in general and tasar silk cocoon cooking and reeling in particular. The oak tasar (*Antheraea proylei* J.) silkworm is an important source of tasar silk (Singh and Singh, 1998). The larvae of the silkworm, reared on leaves of oak tree *Quercus* species (Family-Fagaceae), produce the cocoons from which the tasar silk is reeled (Singh and Singh, 1998). Unlike the mulberry (*Bombyx mori* L.) silk cocoons, the oak tasar silk cocoons cannot be satisfactorily softened by boiling in plain water (Jolly et al. 1979). The cocoons containing relatively higher amounts of protein-tannin complexes in the form of proanthocyanidins (Pandey and Goel, 1990; Pandey, 1997), have to be softened by more drastic boiling off techniques (Pandey and Goel, 1990). Generally the cocoons are cooked in presence of strong alkali agent or other harsh chemicals (Tikoo and Goel, 1987; Das, 1993; Iizuka et al. 1993; Moon et al. 1996; Chattopadhyay et al. 1997). Since the chemical methods reduce the quality of the tasar silk thread in many ways (Tikoo and Goel, 1987), an alternative method for the oak tasar cocoon cooking based on the proteolytically active pineapple extract may be developed for better results. The pineapple extract may be used in cooking of the silk cocoon to soften it by

#### Abstract

#### Article

#### Materials and Methods

- [Pineapple pulp](#)
- [Silk cocoon](#)
- [Preparation of pineapple extract](#)
- [Proteinase assay](#)
- [Determination of effect of sodium carbonate](#)
- [Determination of optimum temperature](#)
- [Determination of stability characteristics](#)
- [Determination of effect of cocoon extract](#)
- [Testing for applicability of pineapple extract...](#)

#### Results and Discussion

#### Acknowledgments

#### Table 1

#### Table 2

#### Figure 1

#### Figure 2

#### Figure 3

#### Figure 4

#### Figure 5

#### Figure 6

#### References

Links to  
references

Navigation table  
Paper

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Note: Electronic Journal of Biotechnology is not responsible if on-line references cited on manuscripts are not available any more after the date of publication.



In the Paper

In the Results section

- Role images in factual science
- Three-dimensional images
- Links to extended figures
- Videos (indication in table contents paper)



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purports to show the coupling between two molecules that can give rise to new spectral features. However, is it really necessary to have so much detail: full, three-dimensional solid-like arrows with shadows, when just a few lines will do or when the molecules themselves are depicted in a clearly schematic way?

Another rule is needed to address the extrapolation of everyday physics to molecular and mesoscopic scales. We should resist the temptation to prejudice answers, recalling Richard Feynman's 1959 challenge to build a very small motor, and its realization only a year later. This rule needs to be particularly clear and explicit in dealing with images of what must be imagined and cannot be seen. Pictures often precede devices; they indicate how something might look without it having been built, which can

microscope (features at this scale get fuzzy, as 200 nm is the Rayleigh resolution limit). In addition, colour would not show up in a scanning electron microscope. So, if this picture is 'real', it must also be heavily enhanced and manipulated.

The important question concerns the device itself. The nanolouse manoeuvres to get close to a red cell, then grabs it with glass-like pointed claws, and injects a needle.

**P**ictures must not be divorced from science and scientific plausibility.

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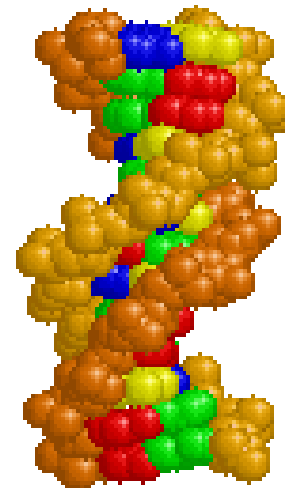
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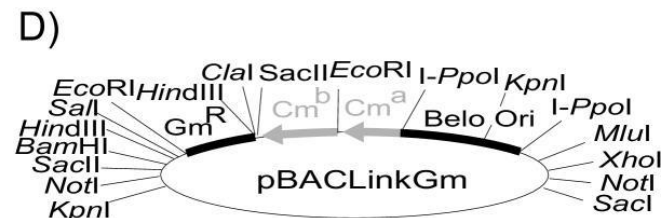
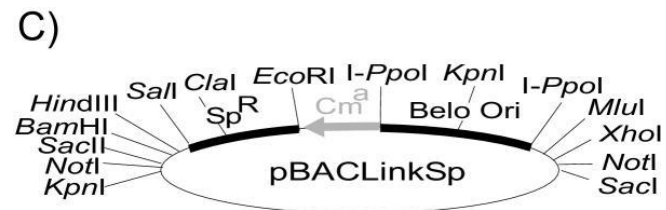
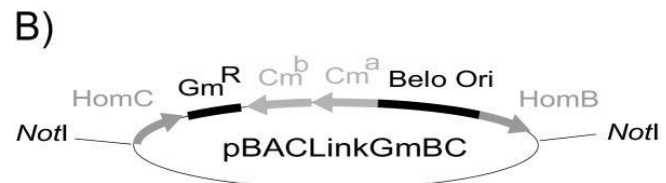
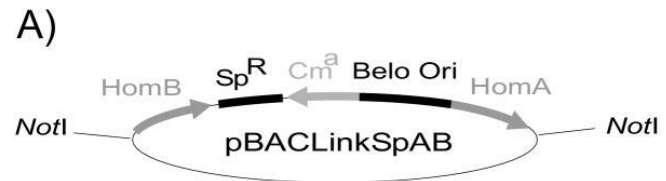
*Julio M. Ottino is at the R. R. McCormick School of Engineering and Applied Science, Northwestern University, Evanston, Illinois 60208, USA.*

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## Example of misuse of multimedia in scientific journal





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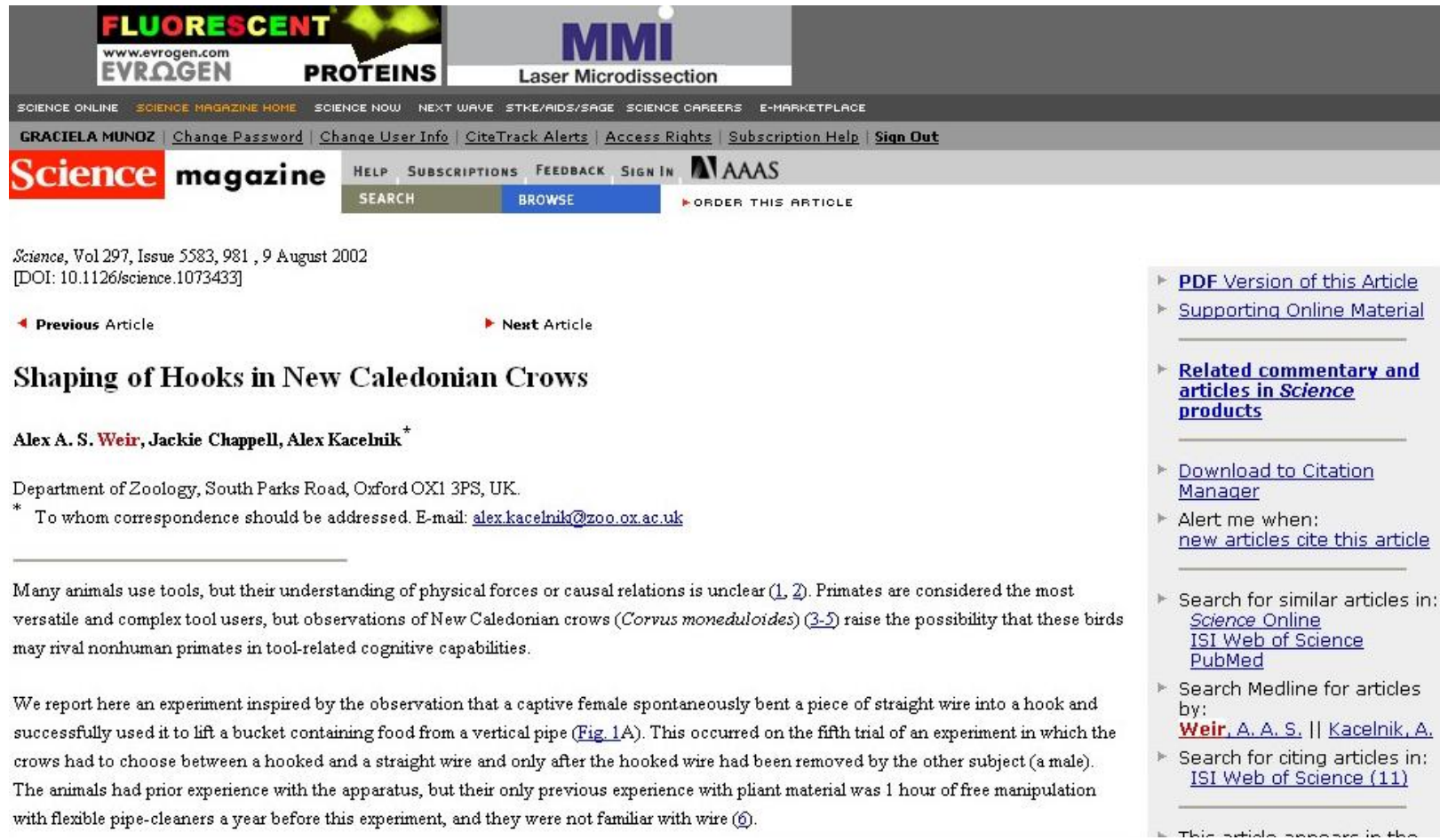
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The screenshot shows the Science magazine website interface. At the top, there are banners for 'eppendorf & Science PRIZE FOR NEUROBIOLOGY' and 'www.analytica-world.com'. Below these are navigation links for 'SCIENCE ONLINE', 'SCIENCE MAGAZINE HOME', 'SCIENCE NOW', 'NEXT WAVE', 'STKE/AIDS/SAGE', 'SCIENCE CAREERS', and 'E-MARKETPLACE'. A user profile for 'GRACIELA MUNOZ' is visible with links for 'Change Password', 'Change User Info', 'CiteTrack Alerts', 'Access Rights', and 'Subscription Help | Sign Out'. The main header includes 'Science magazine' and 'AAAS' with navigation options like 'HELP', 'SUBSCRIPTIONS', 'FEEDBACK', 'SIGN IN', 'SEARCH', 'BROWSE', and 'ORDER AN ARTICLE'. The search results section shows 'Results 1 to 1 (of 1 found)' and a 'Clear' button. A 'Get All Checked Abstracts' button is also present. The article title is 'Shaping of Hooks in New Caledonian Crows' by Alex A. S. Weir, Jackie Chappell, and Alex Kacelnik, published in Science 9 August 2002; 297: 981. Links for 'Full Text', 'PDF', and 'Supporting Online Material' are provided. At the bottom, there is a search bar with a dropdown menu set to 'Please select a journal:' and a 'Search' button. A red arrow points to a blue banner at the bottom of the page that says 'Are you being paid what you are worth?'.

Videos





The screenshot shows the Science magazine website interface. At the top, there are logos for 'FLUORESCENT EVROGEN PROTEINS' and 'MMI Laser Microdissection'. Below these are navigation links for 'SCIENCE ONLINE', 'SCIENCE MAGAZINE HOME', 'SCIENCE NOW', 'NEXT WAVE', 'STKE/AIDS/SAGE', 'SCIENCE CAREERS', and 'E-MARKETPLACE'. A user profile for 'GRACIELA MUNOZ' is visible with links for 'Change Password', 'Change User Info', 'CiteTrack Alerts', 'Access Rights', 'Subscription Help', and 'Sign Out'. The 'Science magazine' logo is prominent, along with 'HELP', 'SUBSCRIPTIONS', 'FEEDBACK', 'SIGN IN', and 'AAAS' links. A search bar and 'BROWSE' button are also present.

Science, Vol 297, Issue 5583, 981, 9 August 2002  
[DOI: 10.1126/science.1073433]

◀ Previous Article      ▶ Next Article

## Shaping of Hooks in New Caledonian Crows

Alex A. S. Weir, Jackie Chappell, Alex Kacelnik\*

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\* To whom correspondence should be addressed. E-mail: [alex.kacelnik@zoo.ox.ac.uk](mailto:alex.kacelnik@zoo.ox.ac.uk)

Many animals use tools, but their understanding of physical forces or causal relations is unclear (1, 2). Primates are considered the most versatile and complex tool users, but observations of New Caledonian crows (*Corvus moneduloides*) (3-5) raise the possibility that these birds may rival nonhuman primates in tool-related cognitive capabilities.

We report here an experiment inspired by the observation that a captive female spontaneously bent a piece of straight wire into a hook and successfully used it to lift a bucket containing food from a vertical pipe (Fig. 1A). This occurred on the fifth trial of an experiment in which the crows had to choose between a hooked and a straight wire and only after the hooked wire had been removed by the other subject (a male). The animals had prior experience with the apparatus, but their only previous experience with pliant material was 1 hour of free manipulation with flexible pipe-cleaners a year before this experiment, and they were not familiar with wire (6).

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Weir et al., *Science* 297, 981 (2002).  
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[FULL TEXT](#) | 
 **Shaping of Hooks in New Caledonian Crows**  
 Alex A. S. Weir, Jackie Chappell, and Alex Kacelnik

## Supporting Online Material

To view this movie, download a [QuickTime viewer](#).

- Movie 1 size = 1,290KB**  
 Wire-bending behavior by a captive New Caledonian crow. This movie clip shows the seventh trial of the experiment, in which the female New Caledonian crow uses sticky tape on the side of the apparatus to bend straight wire and subsequently **requerimiento** to retrieve a bucket containing meat. At the beginning of the clip, she is already holding the straight wire in her beak, as she picked it up at the start of the trial but was immediately displaced by the male crow. Movie clips of all trials are available by request from the authors.

[Full Text of this Article](#)

Volume 297, Number 5583, Issue of 9 Aug 2002, p. 981.  
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### Research Article

#### Use of Ionic Liquids for $\pi$ -Conjugated Polymer Electrochemical Devices

Wen Lu, Andrei G. Fadeev, Baohua Qi, Elisabeth Smela, Benjamin R. Mattes, Jie Ding, Geoffrey M. Spinks, Jakub Mazurkiewicz, Dezhi Zhou, Gordon G. Wallace, Douglas R. MacFarlane, Stewart A. Forsyth, and Maria Forsyth  
*Science* Aug 9 2002: 983-987. Published online July 4, 2002; 10.1126/science.1072651 (Science Express Research Articles ) [[Abstract](#)] [[Full Text](#)] [[PDF](#)] [[Supporting Online Material](#)]

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*Science* Aug 9 2002: 987-990. [[Abstract](#)] [[Full Text](#)] [[PDF](#)] [[Supporting Online Material](#)]

#### Formation of Immiscible Alloy Powders with Egg-Type Microstructure

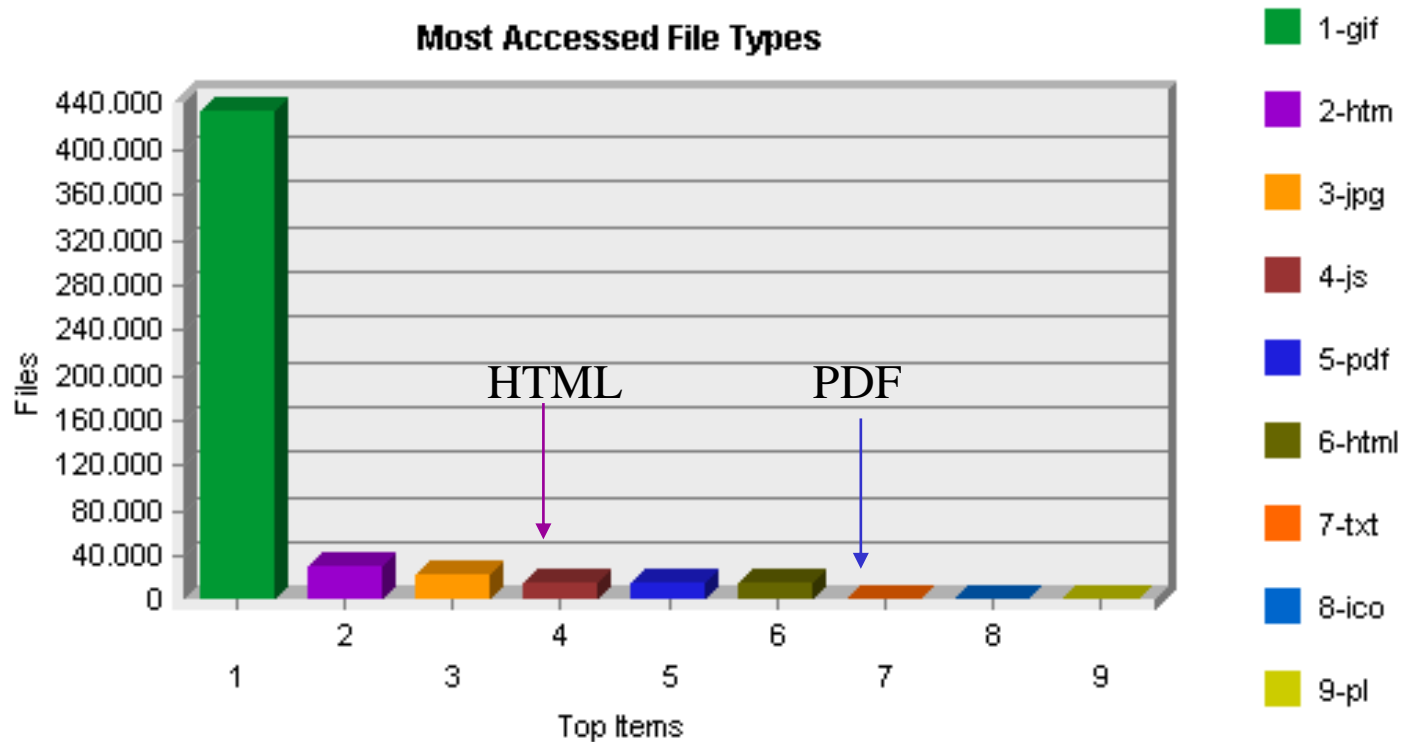
C. P. Wang, X. J. Liu, I. Ohnuma, R. Kainuma, and K. Ishida  
*Science* Aug 9 2002: 990-993. [[Abstract](#)] [[Full Text](#)] [[PDF](#)]

#### Dipole Moments of Highly Vibrationally Excited Water

Andrea Callegari, Patrice Theulé, John S. Muentner, Roman N. Tolchenov, Nikolai F. Zobov, Oleg L. Polyansky, Jonathan Tennyson, and Thomas R. Rizzo  
*Science* Aug 9 2002: 993-995. [[Abstract](#)] [[Full Text](#)] [[PDF](#)]

#### A General Synthetic Procedure for Heteropolyniobates

May Nyman, François Bonhomme, Todd M. Alam, Mark A. Rodriguez, Brian R. Cherry, James L. Krumhansl, Tina M. Nenoff, and Amy M. Sattler  
*Science* Aug 9 2002: 996-998. [[Abstract](#)] [[Full Text](#)] [[PDF](#)] [[Supporting Online Material](#)]



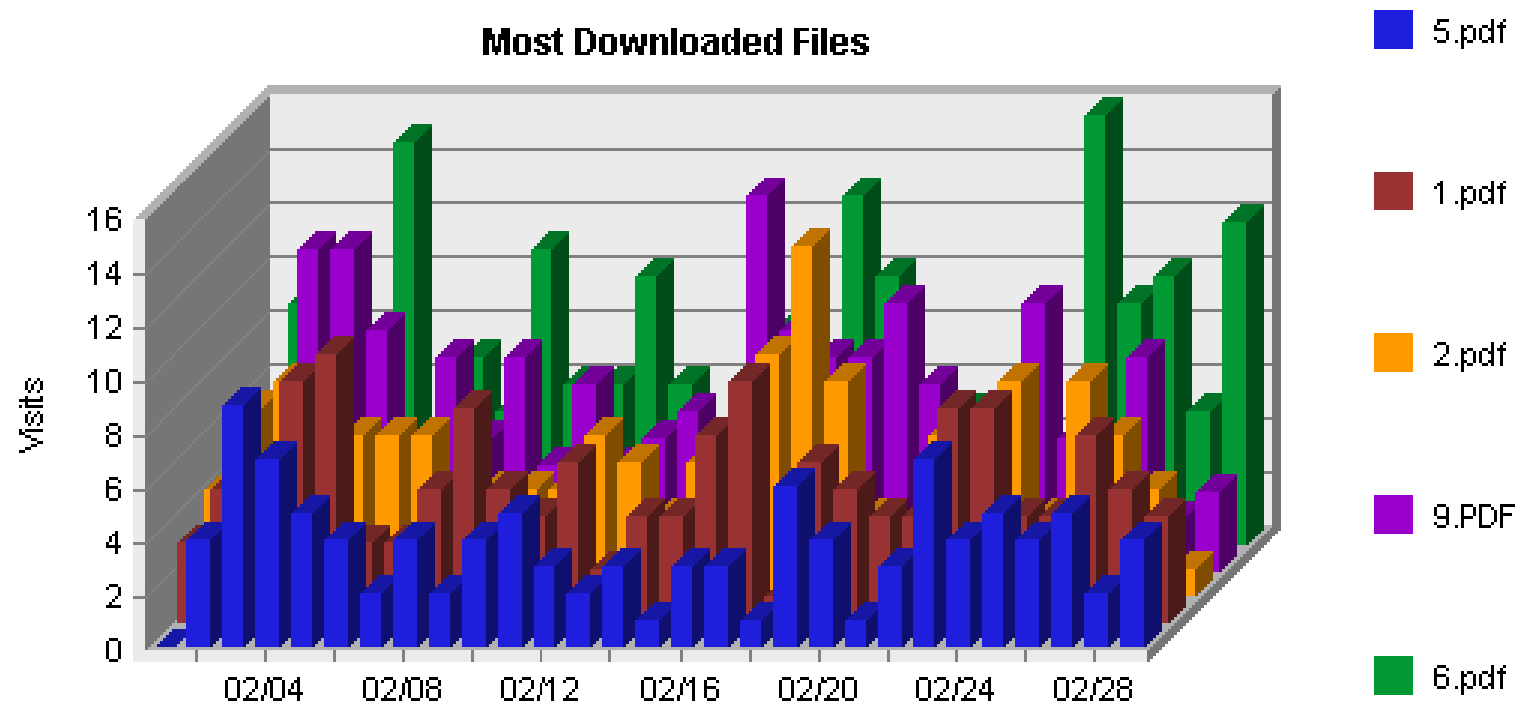
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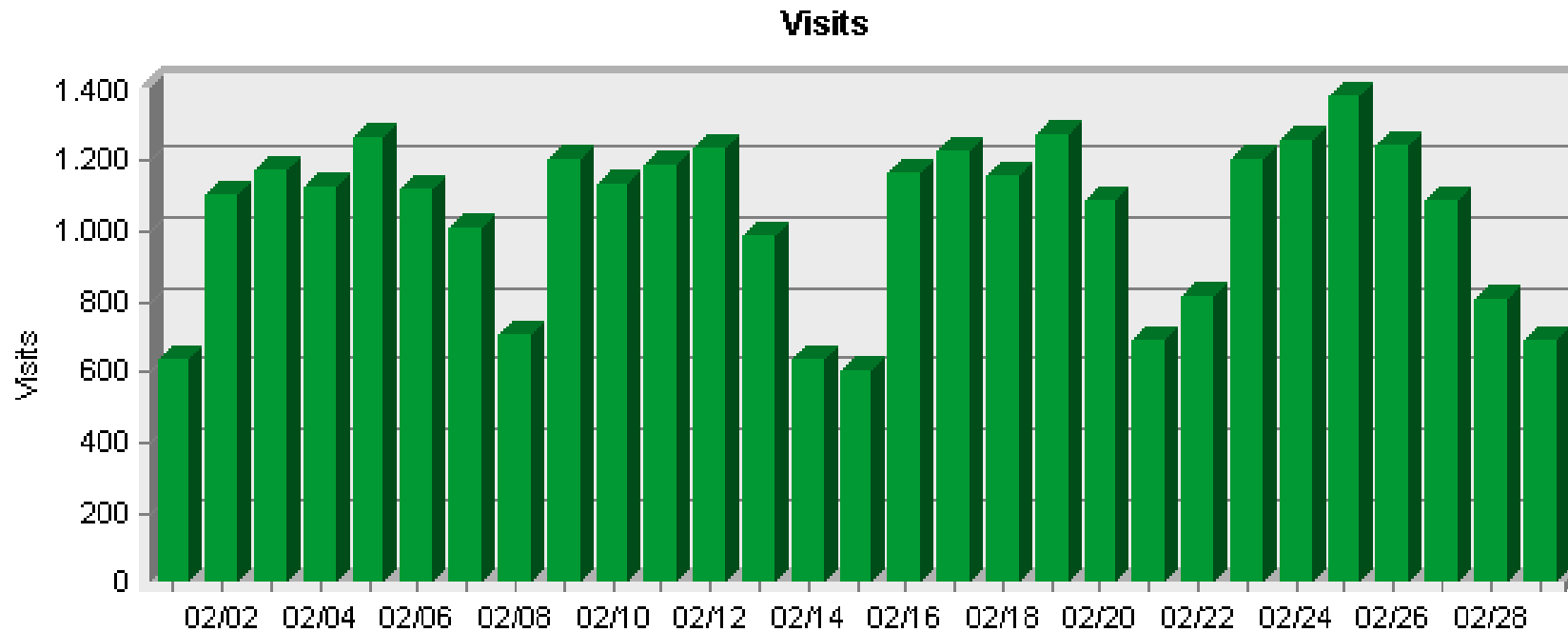
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More information in: <http://www.apastyle.org/pubmanual.html>

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IRAM-CID C 3004, 1973 = ISO 832: 1994  
Publicaciones Periódicas: Title abbreviations

ISO 4: 1972 (E)  
Règles pour l'abréviation des mots dans les titres et des titres des publications  
Modificado: 1984. It is permanently updated with the inclusion of new terms.

ISO R 9: 1968 (E)  
International System for the transliteration of slavic cyrillic characters

ISO R 30: Nov. 1956  
Bibliographical strip

ISO 5122: 1979 (E) = UNE –50-112  
Documentation: Abstract sheets in serial publications. First Edition

IRAM-CID C 300, 1967NIO

Publicaciones Periódicas: general definitions

IRAM-CID C 3003, 1966 = ISO 8: 1977 (E)

Publicaciones Periódicas: Form of presentation

Modified by: MOD 68/12, 69/09, 70/11

IRAM 32006, 1982

Bibliographic cataloging: Cataloging of periodicals

IRAM 32059, 1997 = ISO 215: 1986 = UNE 50-133-94

Documentation: Form of presentation of papers in periodical publications and other serial publications.

Superseded by : REV. IRAM-CID C 3005:1997



ISO R 9: 1968 (E)  
International System for the transliteration of slavic cyrillic characters

ISO 214: 1976 (E) = PNE 50-103  
Documentation: Abstracts for publications and documentation

ISO 3388: 1977 (E)  
Patent documents: Bibliographic references. Essential and complementary elements

ISO 5122: 1979 (E) = UNE –50-112  
Documentation: Abstract sheets in serial publications. First Edition

ISO 5776: 1983 (E/F/R/) = Norma UNE 54-051-74  
ISO 5963: 1985  
Documentation: Methods for examining documents, determining their subjects, and selecting indexing terms. First Edition.

ISO 999: 1975 (E) = PNE 50-111  
Documentation: Index of a publication





IRAM 32061: mayo 2000 = ISO 3297: 1998

Information and documentation: International Standard Serial Number Publication (ISSN).

ISO 3297 Five edition 2007-08-17

IRAM 32052, 1962 = ISO 2108: 1992

Documentation: International numbering of books (ISBN). This standard is under review.

IRAM 32058, 1995

Documentation: Bibliographic identification (BIBLID) of papers in serial publications and books

IRAM 36041: agosto de 1991

Computing: EAN barcode. Basic technical information on numbering and symbology



IRAM-CID C 3006-1, 1970

Periodicals: Bibliographic references of papers

Superseded by : REV. IRAM 32053-1: 1995

IRAM-CID C 3006-2, 1970

Periodical Publications: Bibliographic references of works

Superseded by : REV. IRAM 32053-1: 1995

IRAM 32006, 1982

IRAM 32053-1, 1995 = ISO 690: 1987 = PNE 50-104 (1992)

Edition number (103): 1st. Ed.

Documentation: Bibliographic references, content, form and structure = Documentation bibliographic references. Content, form and structure.

Replaces : REV. IRAM-CID C 3006 partes 1 y 2

Modified by: MOD N° 1 98/08

International equivalent kinship : ISO 690, 1987

IRAM 32053-2: marzo 2001 = ISO 690-2: 1997-11-15

Documentation: Bibliographic references. Part 2: Electronic documents or part of them



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# Editorial

Continuamos en este segundo número de Veterinaria Cayana con el apoyo a las Ciencias Veterinarias, en el marco de la Carrera de Veterinaria de la Facultad de Veterinaria de la Universidad Católica de Cuyo, con sede en San Luis, Argentina. La Universidad establece nuevos desafíos año a año, en el 2007 comenzó la carrera de Técnico en producción y administración de agronegocios.

El objetivo de la titulación es que el egresado aporte con su conocimiento al crecimiento y desarrollo de la cadena de valor agropecuaria, organizaciones agrarias y empresas afines con el más alto nivel de profesionalidad, que incida positivamente en la gestión de las mismas, operando en la complejidad del mundo moderno, que cubra las necesidades técnicas del sector agropecuario relacionadas especialmente con la producción agrícola ganadera sustentable atendiendo al Médico Veterinario y/o Ing. Agrónomo en la labor profesional. De esta manera la Universidad a través de la carrera, participa en la comunidad general y directamente en el sector agroindustrial agregando valor, facilitando la resolución de problemas e incentivando la investigación en la producción agropecuaria. Así el aprendizaje en la misma conectará los más modernos conceptos de producción y administración agraria con la aplicación práctica y con la especificidad provincial de manera prioritaria, sin excluir la regional y nacional.

Esperamos seguir contando con sugerencias y con su apoyo para lograr que Veterinaria Cayana sea una revista que represente a los veterinarios de la región.

Prof. Dr. Néstor Oscar Stanchi  
Editor

Dr. Javier Vera Frassinelli  
Delegado Rectoral

It does not  
replace the  
presentation of  
journal  
objectives

The IMRYD scheme (Introduction, materials and methods, results and discussion), which was established by the ICMJE (International Committee of Medical Journals Editors - International Committee of Medical Journals Editors) is the most used for the presentation of scientific papers.



IMRYD (Introduction, Methods, Results and Discussion)

- Title
- Abstracts
- Keywords

Artículos de Revisión  
Revisión académica

## ANEMIA ARREGENERATIVA EN FELINOS Y CANINOS: REVISIÓN BIBLIOGRÁFICA II PARTE

### NON REGENERATIVE ANEMIA IN DOGS AND CATS. A BIBLIOGRAPHIC REVISION. PART II.

Pintor ME, Stornelli MC, Scodellaro CF,  
Stornelli MA, Aranz MS.  
Servicio Central de Laboratorio,  
Facultad de Ciencias Veterinarias,  
Universidad Nacional de La Plata

**Resumen**

*La anemia es el descenso absoluto del hematocrito, la concentración de hemoglobina y el recuento de glóbulos rojos. El diagnóstico se basa en los datos obtenidos de la historia clínica, revisión física y hallazgos de laboratorio. Los signos clínicos que sugieren la presencia de anemia están relacionados con la deficiencia en el transporte de oxígeno, el incremento en la eficiencia de la eritropoyesis y la reducción del trabajo cardíaco. La confirmación de los datos de laboratorio son muy necesarias ya que no todas las anemias se presentan con sintomatología clínica evidente. La etiología de la causa de anemia debe ser evaluada ya que esto de por sí no constituye un diagnóstico. La clasificación de anemias de acuerdo a la respuesta de la médula dura las divide en: 1) Anemia Regenerativa: en donde la médula responde activamente a la producción de eritrocitos. Los hallazgos de laboratorio se caracterizan por presentar policitemia y reticulocitosis. La presencia de regeneración sugiere una causa extramedular que indica una pérdida de sangre (hemorragia) o una anemia de destrucción estreñocítica (hemólisis) que tenga una duración de 2 a 3 días para manifestar la respuesta regenerativa en sangre. El examen de médula es nuevamente necesario en este tipo de anemia. 2) Anemia Arregenerativa: su presencia indica una inadecuada respuesta de la médula por distensión primaria o secundaria en la misma. La policitemia y la reticulocitosis están ausentes. Generalmente se caracterizan por ser normocítica y normocromática. En estos casos se necesita un examen de médula dura y otras pruebas biológicas para llegar al diagnóstico.*

**Abstract**

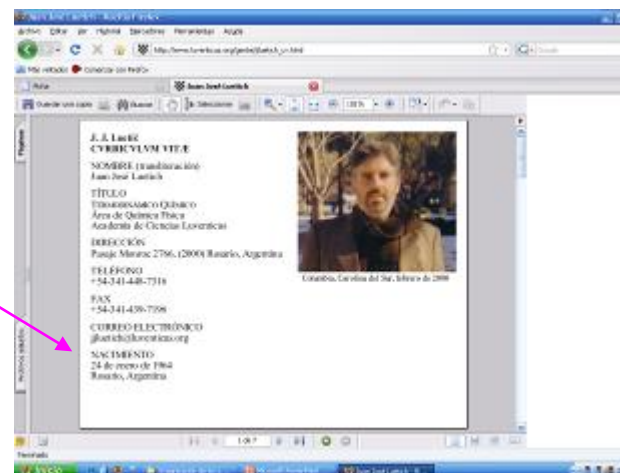
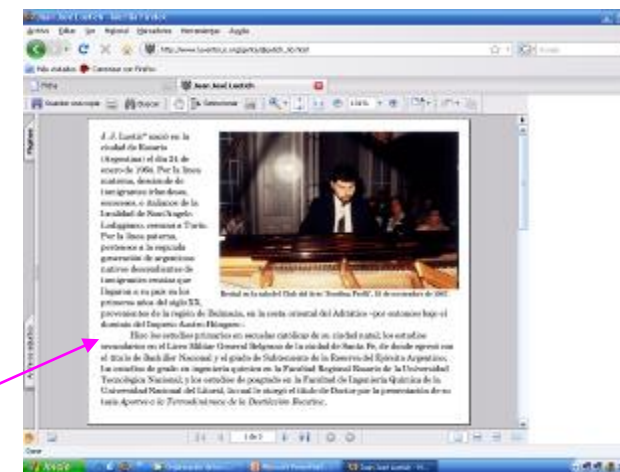
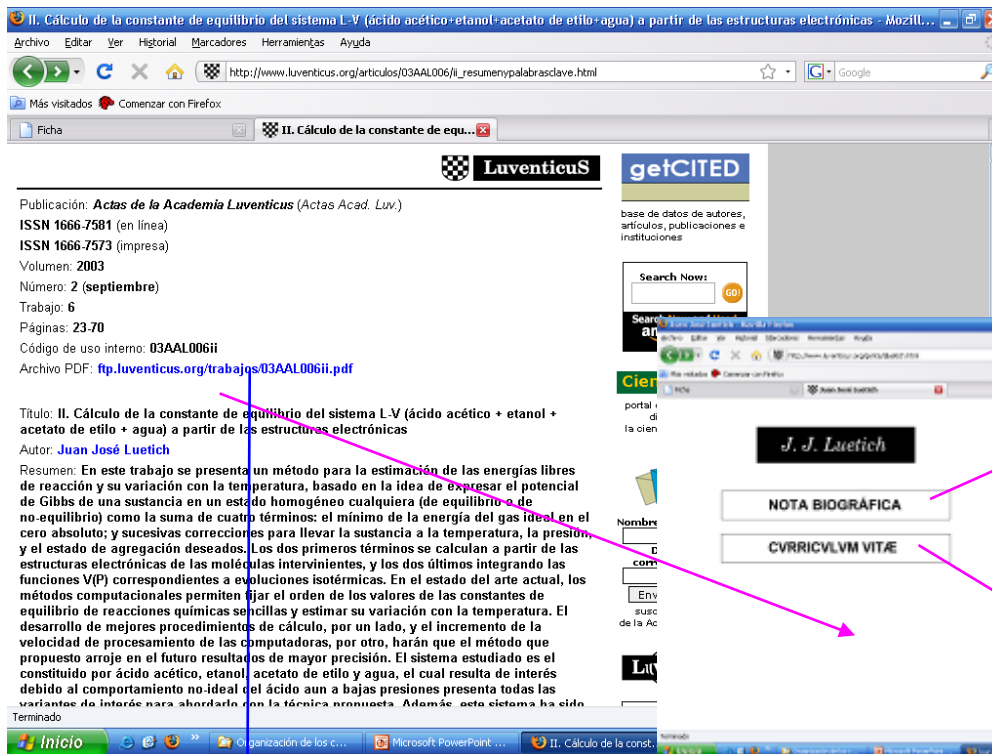
*Anemia is an absolute decrease in the hematocrit, hemoglobin concentration and blood cell count. The diagnosis rests on information gained from historical, physical and laboratory findings. Clinical signs suggesting the presence of anemia are relative to decreased oxygen transport capacity and physiologic adjustments made to increase the efficiency of the erythron and reduce the work load on the heart. Laboratory confirmation is necessary because anemia do not always present diagnostic clinical signs. The etiology of all anemias should be identified where possible because the same anemia e per se does not constitute a diagnosis. Classification according to bone marrow response: 1) Regenerative anemia: the bone marrow is actively responding to the anemia by increasing its production of erythrocytes. The laboratory findings that denote regeneration are polychromasia, reticulocytosis. The presence of regeneration suggests an extra marrow cause it implies a blood loss or erythrocytes destruction mechanism that is of sufficient duration (2 to 3 days) for regenerative response to be evident in the blood. Bone marrow examination is now necessary to detect regeneration. 2) In presence indicate an inadequate bone marrow response because of either a primary or secondary bone marrow disorder. Polychromasia and reticulocytosis are absent. Bone marrow examination is indicated and other biological determinations for diagnosis.*

**Palabras clave:** anemia regenerativa gato perro      **Key Words:** regenerative anemia cat dog

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7 pages of curriculum vitae

Paper in PDF  
curriculum vitae of the author, biographical note



## Introduction: World Science and contribution of Latin America as AUTHOR

At regional level

### Increase in World Scientific Productivity and Contribution of Authors from Latin America.

	2014	2015	Increase %	2016	Increase %
Total	466.419	649.795	39.3	698.727	50
USA	177.662	200.870	13.06	211.233	19
Latin America	5.632 1.2% of the total	16.355 2.5% of the total	190	18.933 2.7% of the total	236

Note: Productivity is measured through the number of publications in journals ISI and the affiliations of the authors

## Introduction: World Science and contribution of Latin America as AUTHOR

At regional level

### World scientific productivity

Region	Productivity %	
North America	38.43	} 86%
Western Europe	34	
Asia	14	
Eastern Europe / Central Asia	6.7	
Pacific	2.7	
<b>Latin America</b>	<b>1.76</b>	} 1.9% 2.7%
Near East / North Africa	1.67	
Subsahara Africa	0.74	

Source: NSF and Engineering Indicators (2014)

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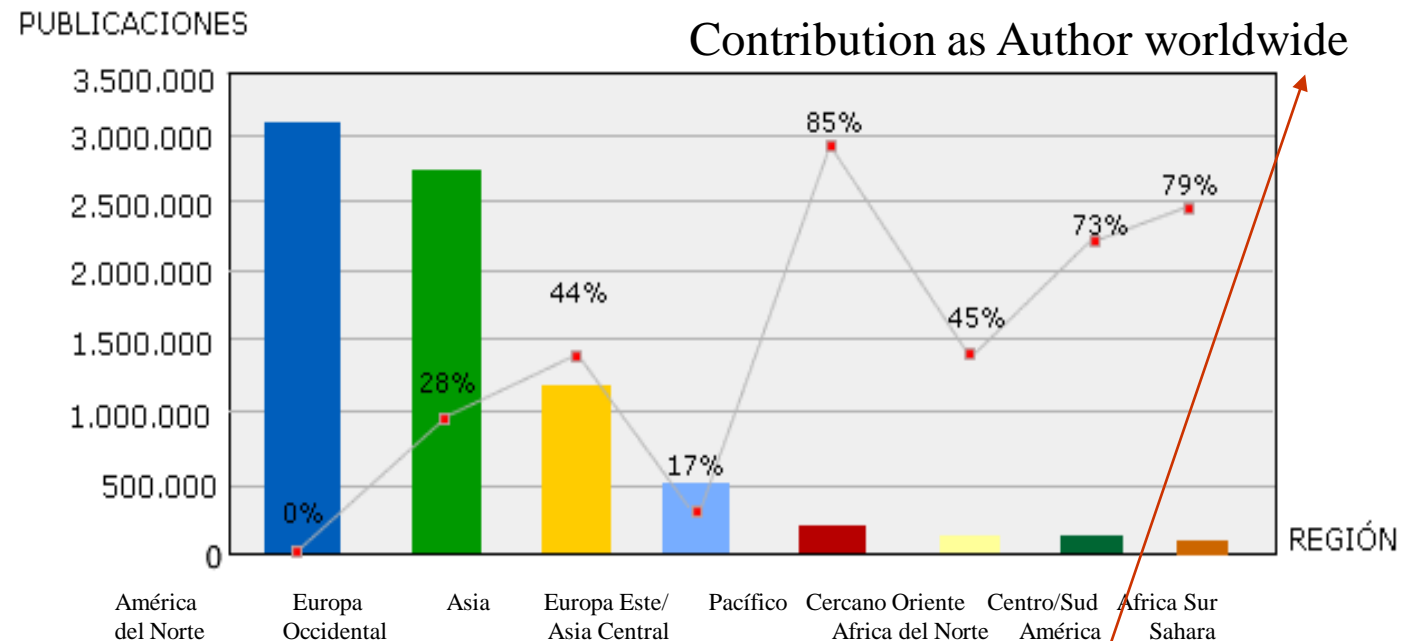
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At regional level

## World scientific productivity, period 1988-2001



■ indicates % of countries per region that do not produce science

Source: NSF and Engineering Indicators

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## Introduction: World Science and contribution of Latin America as AUTHOR

A nivel de país

### Scientific productivity in Latin America

Country	Publications	Productivity %
<b>Brazil</b>	<b>54.177</b>	<b>38.64</b>
<b>Argentina</b>	<b>28.509</b>	<b>20.33</b>
<b>Mexico</b>	<b>26.546</b>	<b>18.93</b>
<b>Chile</b>	<b>12.739</b>	<b>9.09</b>
<b>Venezuela</b>	<b>5.896</b>	<b>4.21</b>
<b>Colombia</b>	<b>2.545</b>	<b>1.82</b>
<b>Cuba</b>	<b>2.338</b>	<b>1.67</b>
<b>Uruguay</b>	<b>1.423</b>	<b>1.01</b>
<b>Costa Rica</b>	<b>951</b>	<b>0.68</b>
<b>Peru</b>	<b>997</b>	<b>0.71</b>
<b>Others (24 countries)</b>	<b>4.078</b>	<b>2.91</b>
<b>Total LA</b>	<b>140.202</b>	<b>100</b>

} 87%

Source: NSF and Engineering Indicators (2014) and ISI Journal Citation Reports

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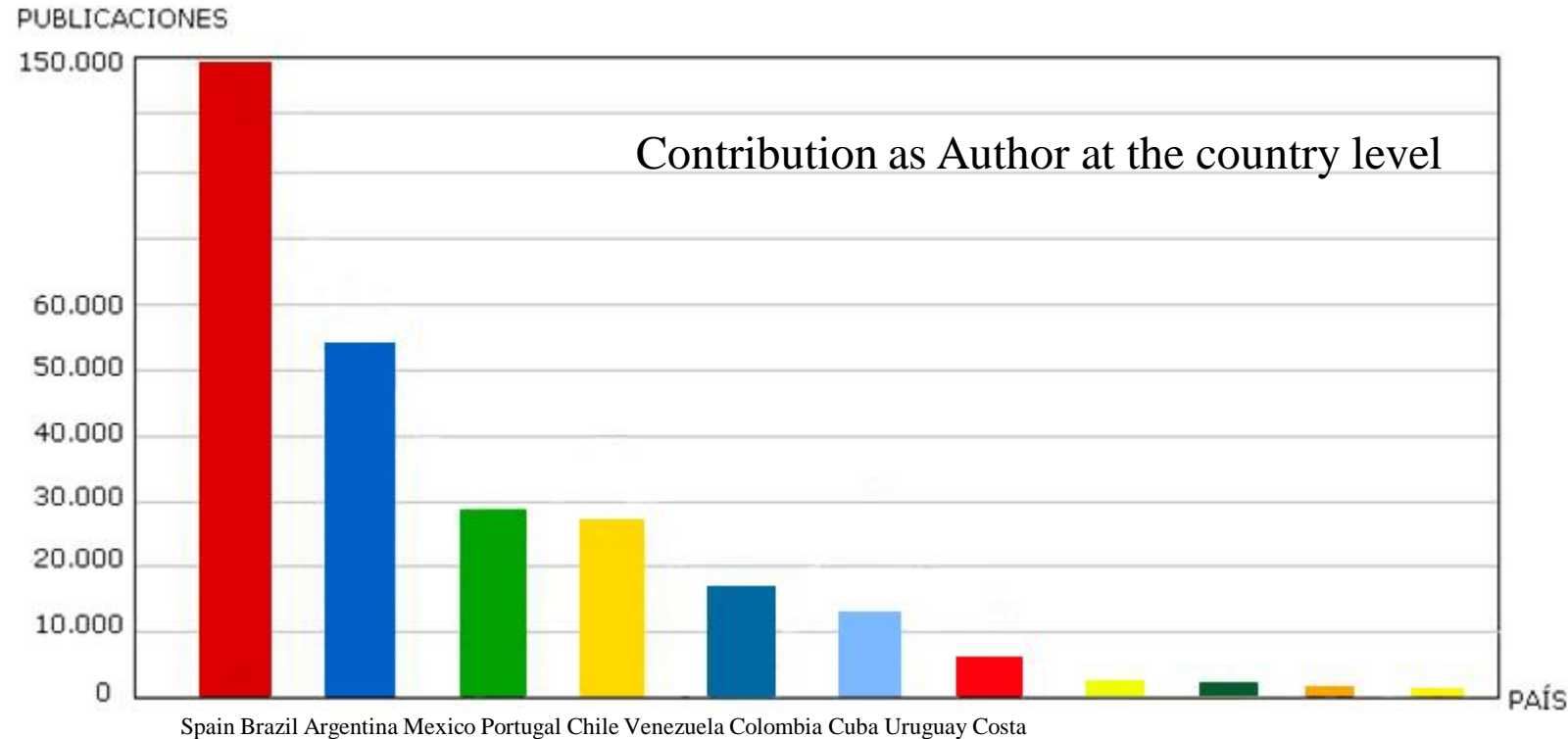
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## Scientific productivity in Latin America

■ Indicates number of journals ISI year 2015 (SCI and SSCI)  
**Latin America: 0.63% - Ibero-America 1.02%**



Source: NSF and Engineering Indicators (2014) and ISI Journal Citation Reports

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# Introduction: World Science and contribution of Latin America as EDITOR

At regional level

## Journals Production ISI Worldwide and Contribution of Editors of Latin America

ISI Web of Science	No. total journals	% of the total	No. journals América Latina	% of the total
SCI	6.613	68	44	0.45
SSCI	1.944	20	10	0.10
AHCI	1.152	12	6	0.06
<b>Total</b>	<b>9.709</b>	<b>100</b>	<b>60</b>	<b>0.61</b>

SCI Science Citation Index

SSCI Social Sciences Citation Index

AHCI Arts and Humanities Citation Index

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## Introduction: World Science and contribution of Latin America as EDITOR

A nivel de país

### Production of Journals ISI in Latin America and FI

Country	Journals Web Science	SCI	SSCI	AHCI	FI average SCI
Brazil	20	17	2	1	0.438
Mexico	15	8	5	2	0.623
Chile	11	7	1	3	0.519
Argentina	6	5	1	-	0.368
Venezuela	3	3	-	-	0.177
Colombia	1	-	1	-	na
Costa Rica	1	1	-	-	0.322
Cuba	1	1	-	-	0.208
Ecuador	1	1	-	-	0.130
Uruguay	1	1	-	-	0.379
Total	60	44	10	6	0.351

EJB: 0.725 Higher : 3.234

FI average: 0.351

Introduction: World Science and contribution of Latin America EDITOR and AUTHOR

Relationship between the production of ISI journals and scientific productivity

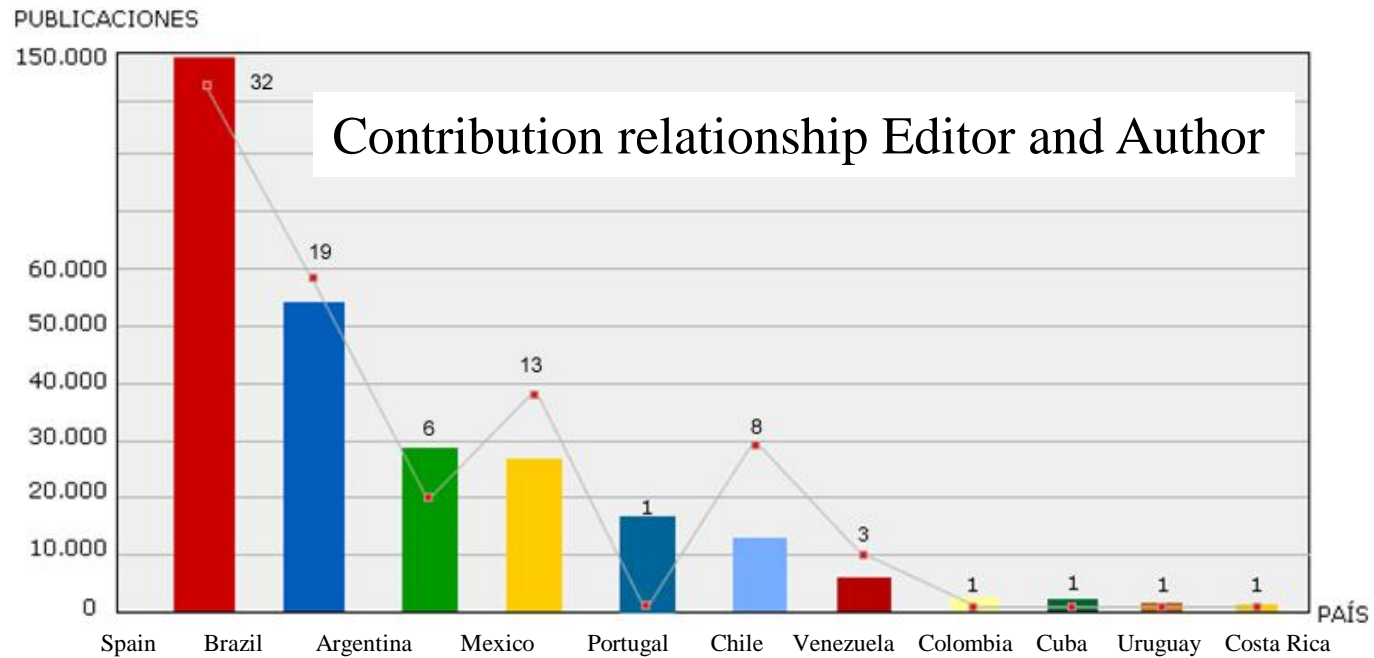
Country	Journals en ISI Web Science	Productivity year 2015
Brazil	20	8.684
Mexico	15	3.747
Chile	11	1.500
Argentina	6	3.086
Venezuela	3	563
Colombia	1	337
Costa Rica	1	84
Cuba	1	264
Uruguay	1	194
Ecuador	1	nd
<b>Total</b>	<b>60</b>	<b>18.459</b>





Introduction: World Science and Contribution of Latin America EDITOR and AUTHOR

Scientific productivity Latin America and ISI journals number by country



■ indicates number ISS journals year 2015 (SCI and SSCI) América Latina: 0.61%

Source: NSF and Engineering Indicators (2014) and ISI Journal Citation Reports

# Thank You Very Much

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