



OPEN REPOSITORY IN LATIN-AMERICAN

ALIGNING REPOSITORY NETWORKS

ATHENS, MAY 21-22, 2014



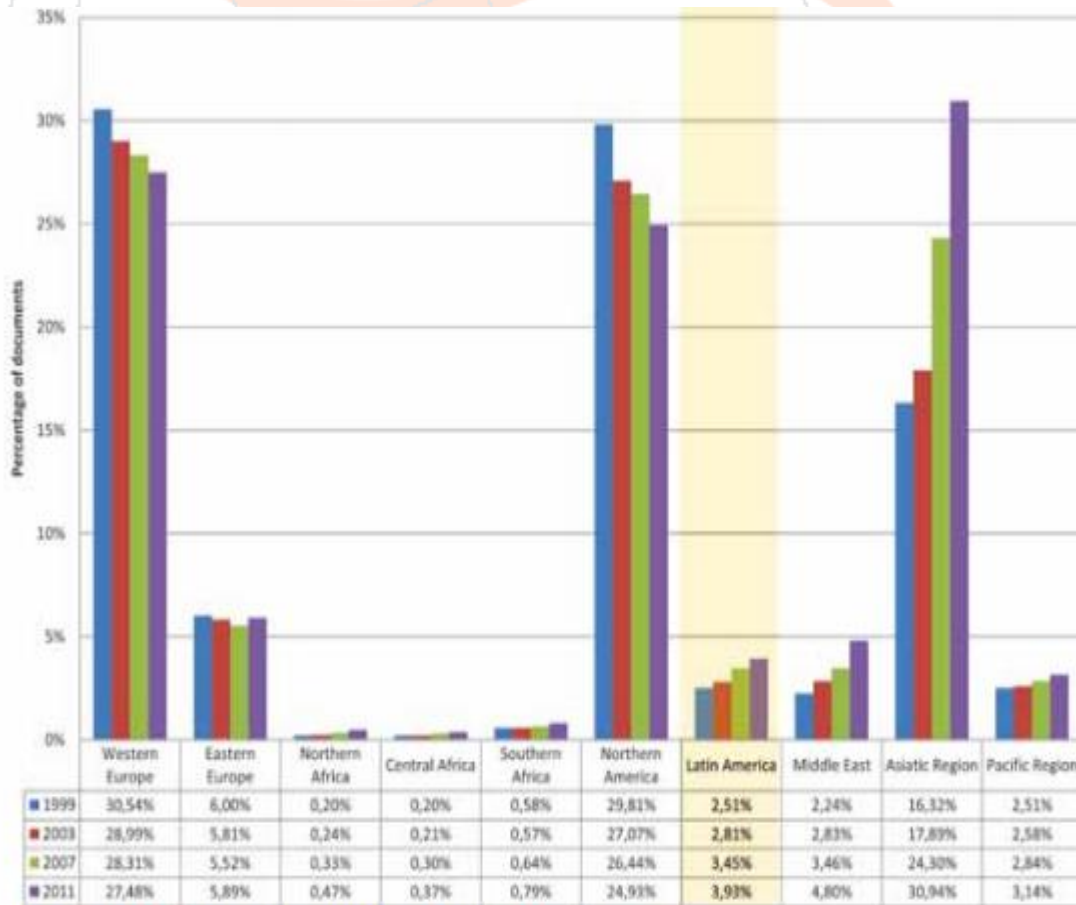
Con la participación de Argentina, Brasil,
Chile, Colombia, Ecuador, El Salvador,
México, Perú y Venezuela.

- repositoriosla@gmail.com
- <http://lareferencia.redclara.net>
- www.lareferencia.info

INDEX

- **1. Main national and regional repository networks in the region**
 - **La Referencia**
 - Who are we?
 - Our objectives
 - Our organization
 - Policies and Guidelines
 - What do we offer?
- **2. Main benefits of the network approach**
- **3. Main challenges for the consolidation of a repository network**
- **4. Vision face to global alignment**

CONTEXT



Fuente: SCImago Journal and Country Rank. Fuente de datos: Scopus.

-In LA the R+D is mainly funded by Public Funding.

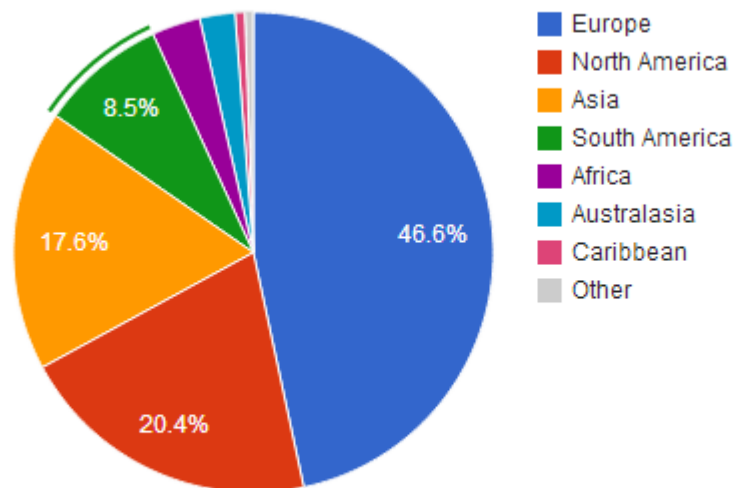
-Once published in mainstream journals the institutions and persons must pay for their subscription and/or for access.

-Scientific articles in SCOPUS.

REPOSITORIES IN LA

- Open Access is a tendency from libraries, researchers, public and private institutions.
- Repositories: interoperable, free of charge, with access to the complete text.
- Articles, thesis, reports on project results.

Proportion of Repositories by Continent - Worldwide



Total = 2447 repositories

LA REFERENCIA RED FEDERADA DE REPOSITORIOS INSTITUCIONALES DE PUBLICACIONES CIENTÍFICAS

Presentación

Queremos compartir y dar visibilidad a la producción científica generada en las instituciones de educación superior y de investigación científica. Nuestro principal propósito es la creación de una estrategia consensuada y un marco de acuerdos para la construcción y mantenimiento de una Red Federada de Repositorios Institucionales de Publicaciones Científicas destinadas a almacenar, compartir, dar visibilidad y acceso abierto y equitativo a su producción científica de América Latina.



- Project funded by IDB; 2010-2013: US\$1.000.000
- Regional Public Good
- Implemented by RedCLARA
- Joint action
- Public Agency+ National advanced network

RED FEDERADA DE REPOSITARIOS INSTITUCIONALES DE PUBLICACIONES CIENTÍFICAS (LAREFERENCIA)

8 countries: Governments: National Agency or Ministers collaborating with National Advanced Network

- Cooperación Latinoamericana de Redes Avanzadas. RedCLARA
- Ministerio de Ciencia, Tecnología e Innovación Productiva, Mincyt; **Argentina**
- Instituto Brasileiro de Informação em Ciência e Tecnologia, Ibict. **Brasil**
- Colciencias; Ministerio de Educación, **Colombia**.
- Comisión Nacional de Investigación Científica y Tecnológica, Conicyt; **Chile**.
- Consejo Nacional de Ciencia, Tecnología, Conacyt. **México**
- Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica, Concytec; **Perú**
- Fundación Centro Nacional de Innovación Tecnológica, Cenit; REACCIUM. **Venezuela**
- Secretaria de Educación Superior, Ciencia y Tecnología, Senescyt; CEDIA. **Ecuador**.
- Consorcio de Bibliotecas Universitarias de **El Salvador** CBUES.

MILESTONES

- December 2012: Regional Agreement Signed
- December 2013: Project Ended
- November 2013 (during the week of Open Access): La Referencia is launched

OBJECTIVES

- **General:**
- Provide in open access the regional scientific production through a federated network among countries that promote national strategies for institutional repositories.
- **Specific:**
 - Develop a stable funding structure, decision making, and integrating of new partners that share the same principles.
 - Make visible and maximize the use and impact of the scientific production of LA
 - Keep preservation standards, quality, interoperability and best practices for information retrieval
 - Generate projects to facilitate value added services, technological upgrading, and public policy articulation

MANAGEMENT & GUIDELINES

- Operated by RedCLARA
 - Agreements between governments and RedCLARA
 - Financed by countries
- Guidelines
 - Use of Driver 2.0 (compliant or with transformations at LaReferencia)
 - Some countries aligned with OpenAire
 - Material: Articles; PHD and Master Thesis; Reports
- Strategy: National Node
- Services
 - Persistent harvesting
 - Common guidelines
 - Good practices
 - Statistics (for users and repository managers)
 - Troubleshooting
 - Level of compliance with guidelines (e.g.. % of transformations, records rejected, etc.)
 - Common actions
 - Diffusion of national strategies (new plan from March on)

WWW.LAREFERENCIA.INFO
OCTOBER 2013: 320.000
MARCH 2014: ALMOST 600.000

Some characteristics

Filters

Selection of references

Different navigation alternatives

Social networks

The screenshot displays the LA Referencia website interface. At the top, the logo 'LA REFERENCIA' is visible with the tagline 'visibilizando LA ciencia' and 'RED FEDERADA DE REPOSITARIOS INSTITUCIONALES DE PUBLICACIONES CIENTÍFICAS'. Navigation links include Inicio, Países, Material, Impacto, Explorar, Buscar, Usuario, and Idioma (Español). A search bar contains the text 'nanotecnologia' and options for 'Todos los Campos', 'Buscar', and 'Avanzado'. Below the search bar, a map of South America shows flags for various countries. A section titled 'Recursos en la colección' lists material types: Artículo (60,701), Reporte (135), Tesis de Doctorado (86,719), Tesis de Maestría (193,524), and Total (321,079). A pie chart shows the distribution of these materials. The search results are grouped by language (Portugués, Español, Otro, Inglés) and country (Brasil, México, Argentina, Colombia, Ecuador). The main results list three items, each with a thumbnail, title, author, and publication year. Social media sharing options for Facebook and Twitter are present. On the right side, there are filters for 'Autor', 'Materia', 'País', and 'Licencia', along with a 'Por País' filter showing a list of countries and their respective document counts.

LA REFERENCIA visibilizando LA ciencia RED FEDERADA DE REPOSITARIOS INSTITUCIONALES DE PUBLICACIONES CIENTÍFICAS

Inicio Países Material Impacto Explorar Buscar Usuario Idioma: Español Acerca de

nanotecnologia Todos los Campos Buscar Avanzado

Recursos en la colección

Tipo de Material

- Artículo - 60,701
- Reporte - 135
- Tesis de Doctorado - 86,719
- Tesis de Maestría - 193,524
- Total - 321,079

Presentación

Queremos compartir y dar visibilidad a la producción científica generada en las instituciones de educación superior y de investigación científica. Nuestro principal propósito es la creación de una estrategia consensuada y un marco de acuerdos para la construcción y mantenimiento

nanotecnologia Todos los Campos Buscar Avanzado

Inicio > Buscar: Nanotecnologia

Resultados Agrupados

Idioma

- Portugués (257)
- Español (12)
- Otro (2)
- Inglés (1)

País

- Brasil (257)
- México (5)
- Argentina (4)
- Colombia (4)
- Ecuador (2)

Formato

- Tesis de Maestría (173)
- Tesis de Doctorado (93)
- Artículo (6)

Materia

- Nanotecnología (105)

Comparte esta búsqueda

Mostrando 1 - 20 de 272 Para Buscar: 'nanotecnologia', tier

Buscar alternativas:

nanotecnologia » biotecnologia

Inicio > Explorar >

1

EMPRENDEDORISMO E NANOTECNOLOGIA FARMACÉUTICA por Leandro Alice Publicado 2011 Materias: "...nanotecnologia farmacéutica..."

Tesis de Maestría enlace

2

Elaboração de indicadores de patentes sob aplicada ao agronegócio por Renan Carvalho Ramos Publicado 2011 Materias: "...nanotecnologia..."

Tesis de Maestría enlace

3

Redes de colaboração científica : a dinâmica nanotecnologia por Saulo Campos Oliveira Publicado 2011 Materias: "...Nanotecnologia..."

Autor

Materia

País

Licencia

Alfabético

Por País

Brasil (212652)	Ver registros
Chile (15947)	Ver registros
Colombia (14990)	Ver registros
Argentina (12313)	Ver registros
Venezuela (9004)	Ver registros
México (5757)	Ver registros
El Salvador (821)	Ver registros
Ecuador (707)	Ver registros
Perú (489)	Ver registros

(530)	
Economía (482)	Ver registros
Educación (459)	Ver registros
Filosofía (454)	Ver registros
Zoología (427)	Ver registros
Argentina (392)	Ver registros
Psicología (369)	Ver registros
Ciencias Agrarias (358)	Ver registros
Reptiles (347)	Ver registros

Examples

Statistics of growth, update, impact by Country, Access , etc.

Help with quality of the metadata harvested for national nodes

Países Socios
Mapa de la Red.



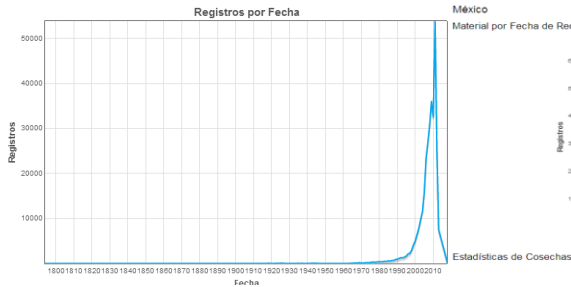
707 212.862

Red	Fecha de última actualización	Registros incorporados
Argentina	2013-10-20	13,306
Brasil	2013-05-21	212,862
Chile	2013-10-20	15,947
Colombia	2013-10-13	18,670
Ecuador	2013-10-20	707
El Salvador	2013-10-20	822
México	2013-10-21	43,390
Perú	2013-10-13	1,293
Venezuela	2013-10-13	14,082
		321,079

Inicio LA-Referencia

Material

Material Cosechado por Fecha



Proyecto LA-Referencia :: getRecordValidation - Google Chrome

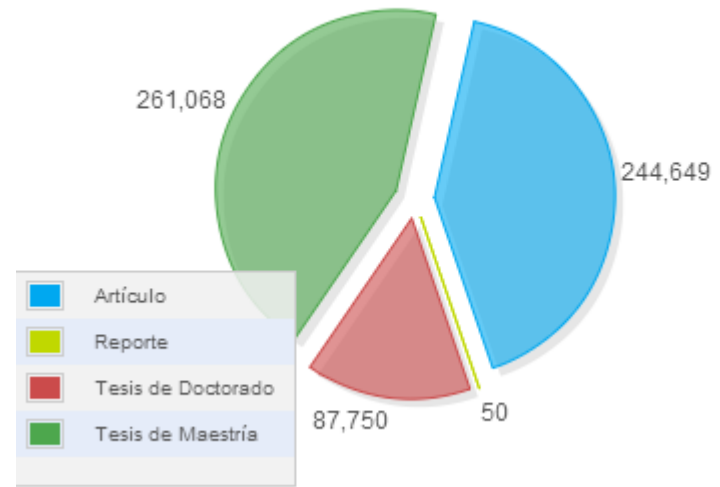
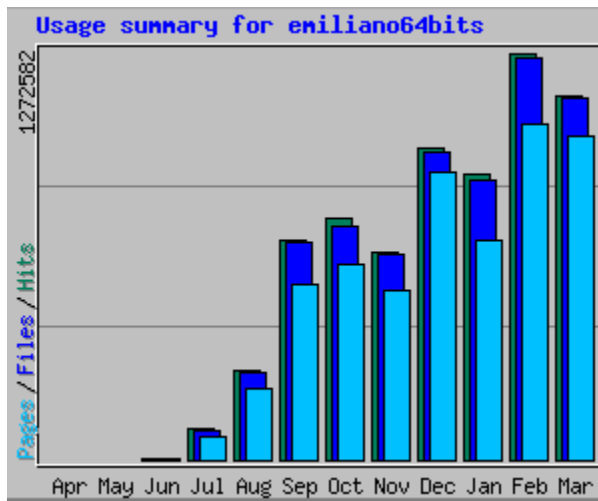
www.lareferencia.info/vufind/Laref/getInvalidRecordValidation?iso=AR&dc=dctype&id=272

siguiente-primer-ultima-actual-

País	ID	Identificador	Estatus	Registro	Registro
AR	7744419	ce383343-fe83-456e-9912-98cd3155a66e/oi:sedici.unlp.edu.ar:10915/22708	INVALIDO ORIGINAL TRANSFORMADO		dc:type:info:eu-repo/semantics/conferencia;dc:type:repo/semantics/publicacion
AR	7744423	ce383343-fe83-456e-9912-98cd3155a66e/oi:sedici.unlp.edu.ar:10915/23147	INVALIDO ORIGINAL TRANSFORMADO		dc:type:info:eu-repo/semantics/conferencia;dc:type:repo/semantics/publicacion
AR	7744440	d987b1fc-343c-4d54-854f-e27befabea27/oi:memoria.fahce.unlp.edu.ar:snrdr:lev1154	INVALIDO ORIGINAL TRANSFORMADO		dc:type:info:eu-repo/semantics/conferencia;dc:type:repo/semantics/publicacion
AR	7744445	d987b1fc-343c-4d54-854f-e27befabea27/oi:memoria.fahce.unlp.edu.ar:snrdr:jpr3088	INVALIDO ORIGINAL TRANSFORMADO		dc:type:info:eu-repo/semantics/publicacion;dc:type:repo/semantics/publicacion
AR	7744451	d987b1fc-343c-4d54-854f-e27befabea27/oi:memoria.fahce.unlp.edu.ar:snrdr:jpr3440	INVALIDO ORIGINAL TRANSFORMADO		dc:type:info:eu-repo/semantics/publicacion;dc:type:repo/semantics/publicacion

STATISTICS

- October 2013: 320.000 documents. March 2014, almost 600.000
- Growth. 65% are bots



LA REFERENCIA

visibilizando **LA** ciencia

RED FEDERADA DE REPOSITARIOS INSTITUCIONALES
DE PUBLICACIONES CIENTÍFICAS

Etapa

Con el interés de compartir y dar visibilidad a la producción científica generada en las instituciones de educación superior y de investigación científica en América Latina, hemos creado un marco regional de acuerdos técnicos y organizativos para construir la Red Federada de Repositorios Institucionales. Ya contamos con el agregador de información que permite un servicio de búsqueda de publicaciones científicas en varios países de la región. Creceremos juntos.

México

REMERI Red Mexicana de Repositorios Institucionales

[Ingrese a la Red](#)

[Ver más sobre esta red](#)

¿Qué es el buscador regional?

¿Cómo crecemos?

¿Quiénes participan?



LA REFERENCIA

Busque	Agregue	Guarde
Comente	Cite	Divulgue

Más de **200 mil** artículos

Más de **200 mil** tesis de maestría

Más de **90 mil** tesis de doctorado

Visite el buscador regional de publicaciones científicas

Cosechamos Validamos Integramos

MAIN BENEFITS OF THE NETWORKED APPROACH

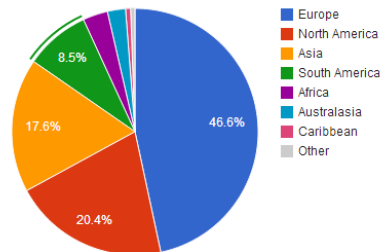
- Different levels of technical development in the region. A barrier and an opportunity. Countries learn from each other
- Funders are governments. National Councils of S &T, Ministries of S & T, Public bodies in charge of Scientific Information...
 - Enhancing “good practices” in public policies through knowing each other and working together.
 - evaluation; access to international commercial databases
 - In Latin America, majority of R & D is financed with public funds...65-70%

MAIN BENEFITS: VISIBILITY

Visibility. In Scopus we are + or – 4%

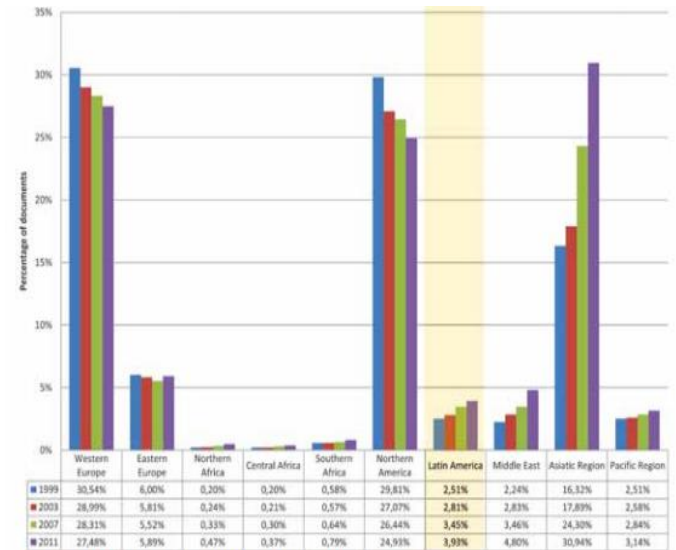
In Open Access we are DOUBLE and Spanish is the second language in Repositories...

Proportion of Repositories by Continent - Worldwide



Total = 2447 repositories

OpenDOAR - 25-Sep-2013



Fuente: SCImago Journal and Country Rank. Fuente de datos: Scopus.

MAIN CHALLENGES FOR THE CONSOLIDATION

- Institutionalization: at regional and national level.
 - Transition from a project to a service. The “death valley” in innovation literature.
 - Reach the same technical level.
 - Build the understanding/conviction that it is a service and not a burden. (e.g. extra work for national repository managers).
-
- Threats:
 - Changes in political authorities
 - Economic situation of some countries

Incremental Innovation

Strategy is based on building a persistent service. In fact many networks are improving the metadata quality day by day

COLLABORATION AS A STRATEGIE FOR FACING CHALLENGES

- COAR
 - Knowledge
 - Patners
 - Advise
 - Experts
 - Visibility
- Colaboration with Open Aire
 - Guidelines
 - Best practices
 - News tools
 - Policies

VISION: GLOBAL ALIGNMENT

- To develop a seamless scientific infrastructure that supports the needs of researchers collaborating across institutions, regions and disciplines.
- ***To provide evidence to national funding bodies and governments that local and regional services are being developed in parallel.***
- ***To provide uniform information to governments and funding agencies about the impact of research funding.***
- ***To avoid duplication of work across networks and enable cost synergies in areas of common interest.***

MAIN ADVANTAGES OF GLOBAL ALIGNMENT

- To develop a seamless scientific infrastructure that supports the needs of researchers collaborating across institutions, regions and disciplines.
- ***To provide evidence to national funding bodies and governments that local and regional service are being developed in parallel.***
- ***To provide uniform information to governments and funding agencies about the impact of research funding.***
- ***To avoid duplication of work across networks and enable cost synergies in areas of common interest.***

OTHERS

- Policy level: To learn....
 - How to track the funds invested in R&D through results in repositories.
 - What policies for effective re use?
 - What policies are effective for intermediation?
- Technical level
 - Future: Clearly rights and project ID
 - Services
 - Author identifiers. A challenge. Relevant to know global advances.
 - Links from data to article.

MAJOR OBSTACLES TO GLOBAL ALIGNMENT FOR YOUR NETWORK

- Technical know-how, capabilities or funds to implement some services
- Some language barriers
- Physical distance

SUMMARY

- La Referencia: 8 countries
 - Partners: Government
 - Scientific production from LA: Articles, PHD and Master Thesis; Reports
 - Standards: Driver 2.0
 - Services:
 - Persistent harvesting, Common guidelines, Good practices
 - Statistics (for users and repository managers, Troubleshooting)
 - Level of compliance with guidelines (e.g.. % of transformations, records rejected, etc.)
- In short : We have many challenges and...we are convinced that dealing with them

.....Together is easier.....

Thanks you

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