REUTERS/Eliseo Fernandez

Normalization of author and institution names. Importance and initiatives

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Intellectual Property & Science

Entre Pares
September 23, 2014

THE CONTENT ACCESS NEED

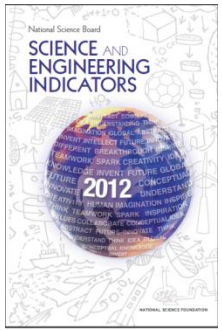
THE RESEARCH ASSESSMENT NEED

Objective Information **for both Institution and Individual** to Reveal Influence/Success and Support Decision-making

- Communicating the "success" of research can be complicated, multi-faceted, with subjective factors included.
- Therefore reliable, objective information is extremely valuable in research evaluation exercises.

- We know that a "Citation" to published work is an acknowledgement of an intellectual debt to that work, evidence of it's influence.
- "Bibliometrics" or "citation metrics" have become ***a critical piece of research assessment exercises.***

RESEARCH ASSESSMENT USED BY GOVERNMENT BODIES



US National Science Foundation
Science & Engineering Indicators

US National Research Council
Assessment of Research-Doctorate Programs

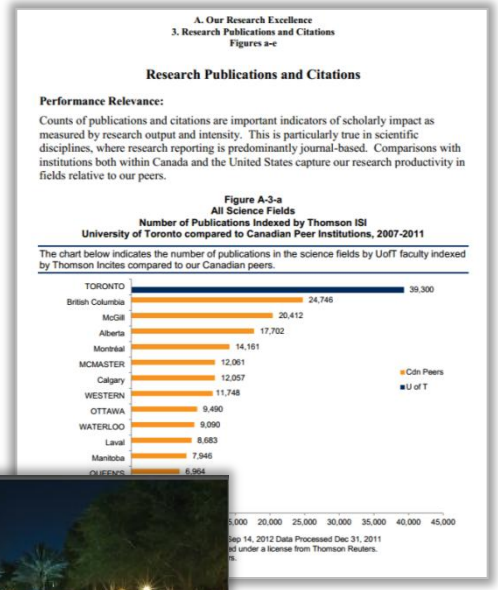
European Commission
European Union Science & Technology Indicators

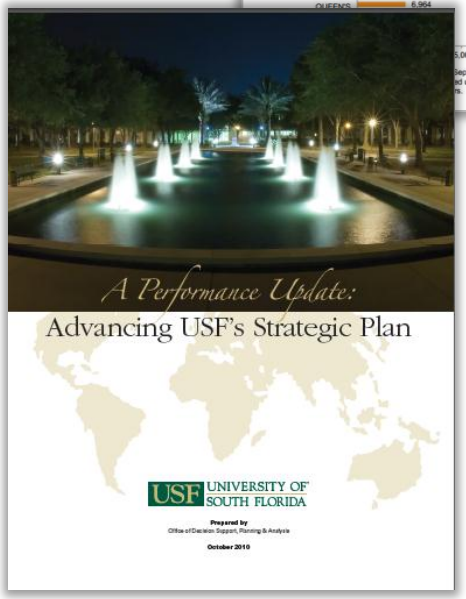
NISTEP
Japanese Science and Technology Indicators

RESEARCH ASSESSMENT USED IN CUSTOM PROJECTS- variety of organizations

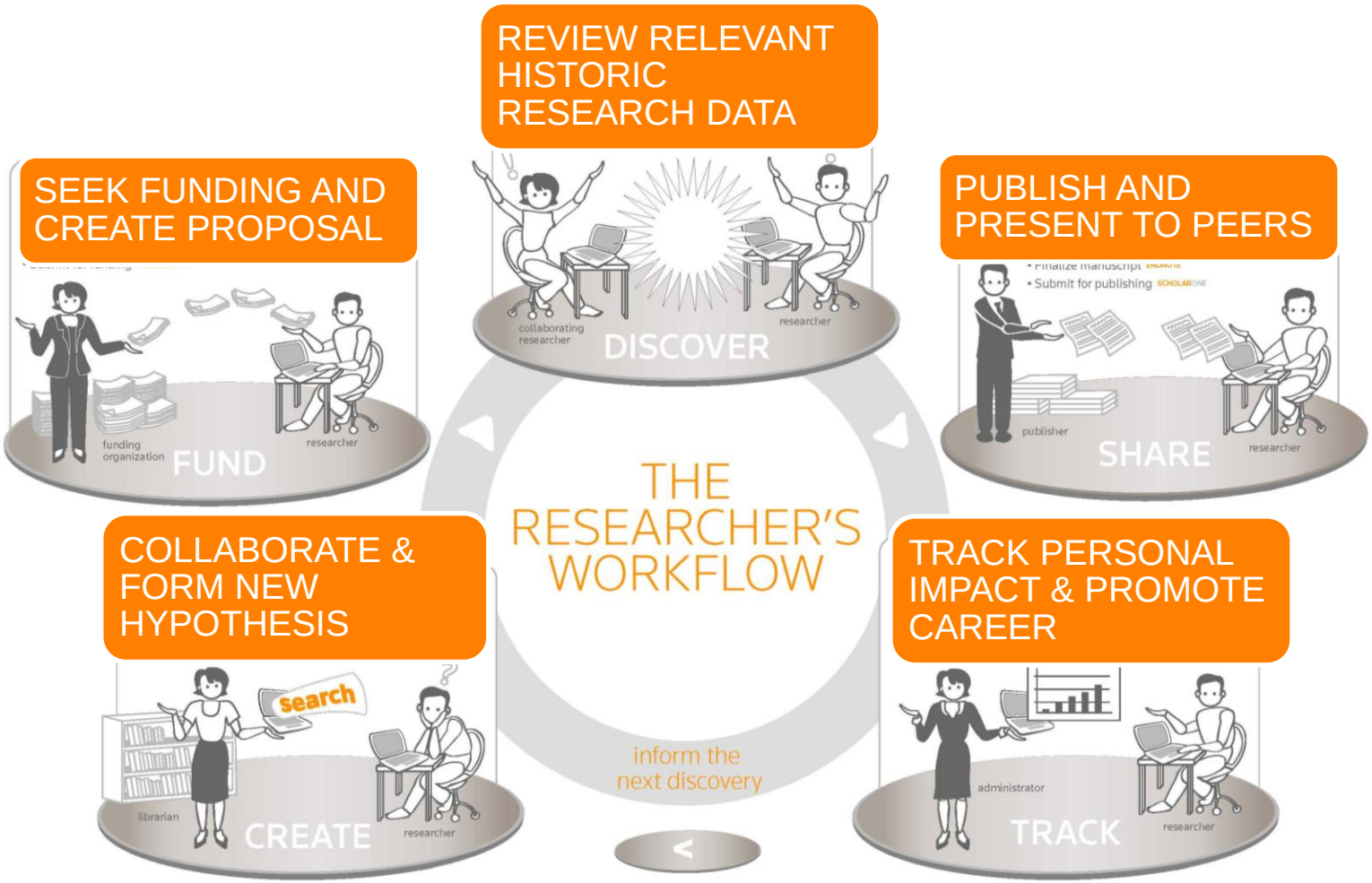
Research assessment used by universities

- Annual reports, Board of trustees reports
- Strategic plans/performance dashboards
- Accreditation
- PR, research magazines
- Annual faculty reviews/tenure review
- Faculty recruitment
- Collaboration analysis
- Departmental research strategy
- Building an institutional repository
- Build faculty expertise database





Author Identification Spans the Entire Research & PUBLISHING PROCESS



WHO IS AFFECTED BY AUTHOR OR INSTITUTION NORMALIZATION ISSUES

- RESEARCHERS AND COLLABORATORS
- FUNDING ORGANIZATIONS
- JOURNAL EDITORS AND PUBLISHERS
- UNIVERSITY ADMINISTRATORS
- LIBRARIANS AND BIBLIOMETRICIANS

WHY IS NORMALIZATION IMPORTANT

Well-structured **complete** and **accurate** bibliographic records and metadata can add layers of value beyond

- information retrieval to contribute to
- results analysis and
- research performance analysis

KEY ELEMENTS IN A CITATION ARE **AUTHOR NAME(S)** AND AFFILIATION – **INSTITUTION NAME**

WHAT PROBLEMS ARE USERS AND RESEARCHERS FACED WITH

	Last Name	First Initial	Frequency	Region
1	wang	y	41,849	China
2	lee	j	41,548	Korea
3	lee	s	41,479	Korea
4	wang	j	37,909	China
5	kim	j	37,848	Korea
6	kim	s	34,861	Korea
7	zhang	y	32,943	China
8	wang	x	32,512	China
9	li	y	32,346	China
10	chen	y	31,455	China
11	kim	h	28,568	Korea
12	zhang	j	28,520	China
13	chen	j	28,388	China
14	li	j	28,148	China
15	liu	y	28,122	China

DILEMMA AND REQUESTS FROM USERS

Hi,
how can one normalize different variants of author names inside a collection of records? For instance, I have ten variants for Derek J. de Solla Price:

De Solla Price, D. J.
Price de Sola, D. J.
Price de Sole, D. J.
Price, D. J. D.
Price, D. J. D. Solla
Price, D. J. de S.
Price, D. J. de Solla
Price, de Solla D. J.
Price, Derek
Price, Derek de Solla

INACCURATE RECORD CONSEQUENCES

- Frustration
- Confusion
- Inaccuracies
- Missed Opportunities

Funding

Collaboration

Tenure & Promotion

SPECIFIC PROBLEMS IN THE SPANISH PUBLISHING COMMUNITY

Rev Esp Cardiol. 2008;61:218-9. - Vol. 61 Num.02 DOI: 10.1016/S1885-

The Implications of Name Variations Among Spanish Cardiologists

Rafael Aleixandre-Benavent[a], Gregorio Gónzalez-Alcaide[a], Adolfo Alonso-Arroyo[a], Juan C Valderrama-Zurián[a]

[a] Instituto de Historia de la Ciencia y Documentación López Piñero, Consejo Superior de Investigaciones Científicas-Universidad de Valencia, Facultad de Medicina, Universidad de Valencia, Valencia, España,

Article

To the Editor:

A recent study published in the *Revista Española de Cardiología*[1] showed important variation and lack of standardization in the names of Spanish cardiologists. This may have negative consequences for the diffusion of research results and the recognition of scientific authorship.[2] Several reasons account for this variation in the way an author signs; these include all those agents involved in the process of publication and diffusion of scientific studies: authors, publishers, and bibliographic databases.

The lack of uniformity in the way an author signs may begin with the authors themselves, as they do not always use a unique name. For instance, they may sometimes use just 1 of their 2 surnames and at other times use both surnames. Additionally, the publishers and the editorial committees of journals may introduce their own policies concerning naming, such as abbreviating names by using just the initial of the first names of the authors. However, most journals use no standardized measure and respect the signatures as sent by the authors.

SPECIFIC PROBLEMS IN THE SPANISH PUBLISHING COMMUNITY

e-Journal of Educational Research, Assessment and Evaluation

RELIEVE

Revista ELectrónica de Investigación y EValuación Educativa

NORMALIZATION TRENDS OF AUTHORS' NAMES IN SCIENTIFIC PUBLICATIONS

[*Tendencias en la normalización de nombres de autores en publicaciones científicas*]

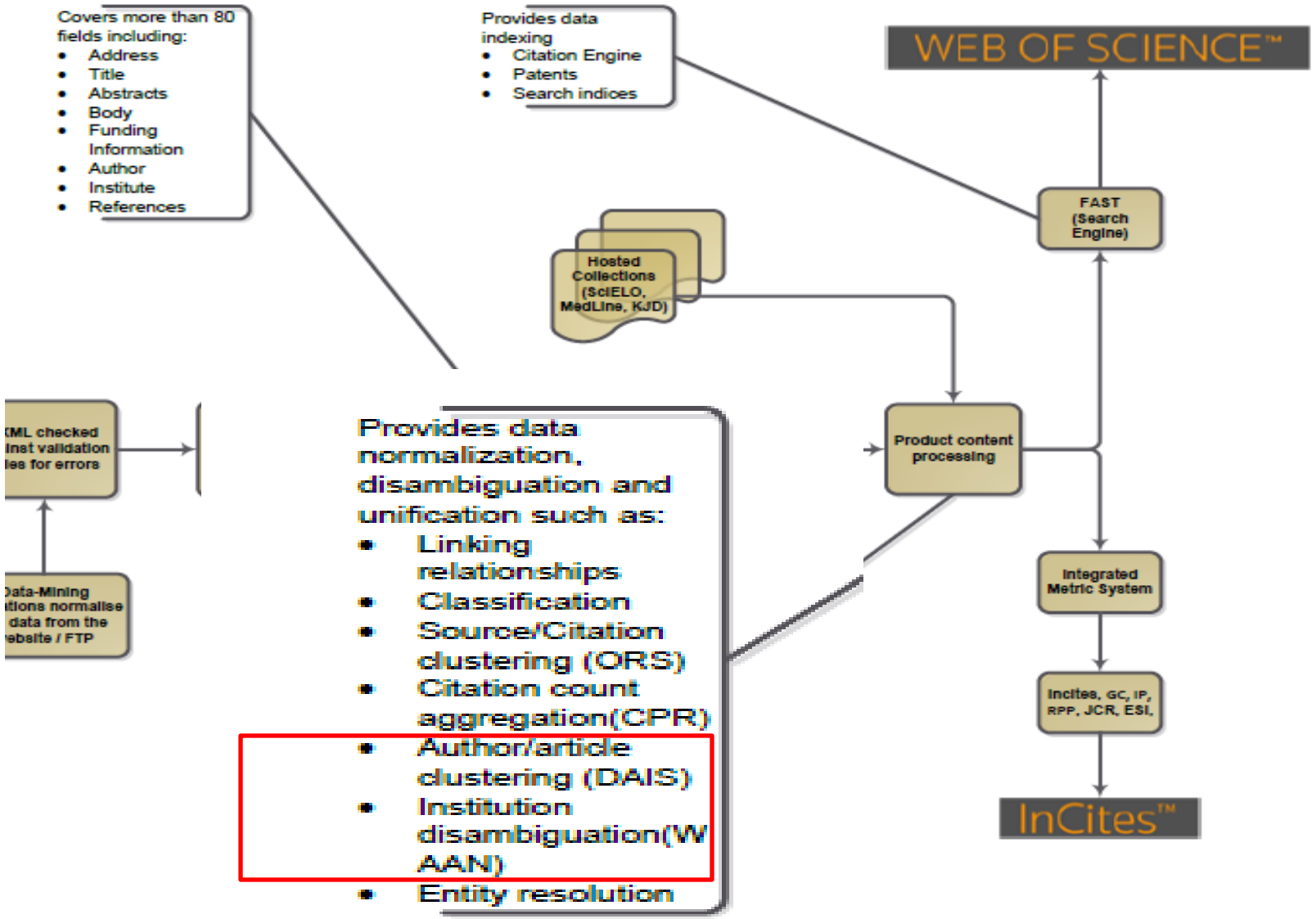
by/por

Aliaga, Francisco M. (Francisco.Aliaga@uv.es)
Correa, Ana D. (acorrea@ull.es)

Article record
About authors
HTML format

Ficha del artículo
Sobre los autores
Formato HTML

AUTHOR NAME DISAMBIGUATION AND UNIFICATION IN THOMSON REUTERS PRODUCTS



AUTHOR NAME DISAMBIGUATION AND UNIFICATION IN THOMSON REUTERS PRODUCTS

Over 100 million authorships in our WOS core collection.

Disambiguation involves:

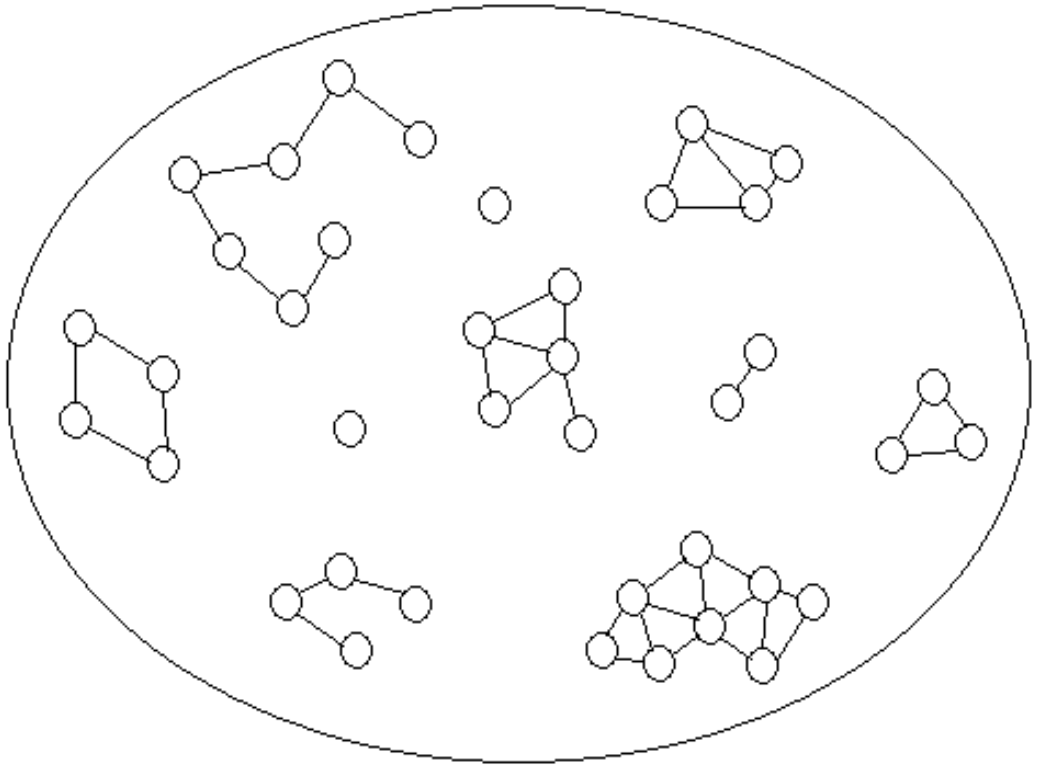
- recognizing data elements (surname, initials, etc.)
- pooling together all authorships that may be the same
- comparing the data from one item to another

DAIS
Distinct Author Identification System

AUTOMATED CREATION OF AUTHORITY FILES BY:

- **Initial Clustering** – Starting from scratch, take our whole database without an authority list of known authors, identify the different authors.
- **Ongoing** – As new data comes into the database, **assign author ids**.
- **RID Integration** – Integrates manually created publication lists with DAIS
- **Reevaluation** – Does a fresh, full clustering on a per name basis; discovers new authors not known at the time of the initial clustering

INITIAL CLUSTERING



Using a universe of authorships with the **same surname and first initial**, DAIS links together authorships that are sufficiently similar. Each link requires a 99% certainty.

AUTHOR NAME DISAMBIGUATION – TYPICAL CHALLENGES

PINK1 Mutations in a Brazilian Cohort of Early-Onset Parkinson's Disease Patients

By: Godeiro, C (Godeiro-Junior, Clecio)[1,2]; de Carvalho-Aguiar, PM (de Carvalho-Aguiar, Patricia M.)[1,2]; Felicio, AC (Felicio, Andre C.)[1,2]; Barsottini OGP (Barsottini, Orlando G. P.)[1,2]; Silva, SMA (Silva, Sonia M. A.)[1]; Borges, V (Borges, Vanderci)[1]; Andrade, LAF (Andrade, Luiz Augusto F.)[2]; Ferraz, HB (Ballalai Ferraz, Henrique)[1]

Examination of the SGCE gene in Tourette's syndrome patients with obsessive-compulsive disorder

By: Aguiar, PD (Aguiar, PD); Fazzari, M (Fazzari, M); Jankovic, J (Jankovic, J); Ozelius, LJ (Ozelius, LJ)

Blocking factor = author's surname (normalized) and first initial

TR internal normalized name: last names + first initial

"DECARVALHOAGUIAR PM" and "AGUIAR PD"

Result:
They don't match so we cannot identify them as the same person.

AUTHOR NAME UNIFICATION – TYPICAL CHALLENGES

Rhombohedral–scalenohedral calcite transition produced by adjusting the solution electrical conductivity in the system $Ca(OH)_2$–CO_2–H_2O

Jesús García Carmona[a], Jaime Gómez Morales[a], Rafael Rodríguez Clemente[b]

PUBYEAR	ITEMNO	CITESEQ	AUTHOR	CITED WORK	REFYEAR
2004.	7	14	GARCIACARMONA J	J COLLOID INTERFACE	2003
2004.	37	5	CARMONA JG		
2006.	4	19	GARCIACARMONA J		
2006.	7	5	GARCIACAROMONA J	J COLLOIDS INTERFACE	2003
2006.	8	6	CARMONA JG	J COLLOID INTERF SCI	2003
2007.	34	17	GARCIACARMONA J	J COLLOID INTERF SCI	2003
2008.	43	12	GARCIACARMONA J	J COLLOID INTERF SCI	2003
2009.	13	5	GARCIACARMONA J		
2009.	10	2	CARMONA JG		
2009.	2484	1	CARMONA JG		
2009.	23	7	CARMONA JG	J COLLOID INTERF SCI	2003
2010.	8	17	GARCIACARMONA J	J COLLOID INTERF SCI	2003
2009.	4	3	GARCIACARMONA J		
2011.	32	6	CARMONA JG		
2011.	17	12	GARCIACARMONA J		
2010.	20	2	CARMONA JG		
2011.	22				CI 2003
2011.	5				2003
2011.	11				CI 2003
2011.	22				

WOS core source item “Carmona”

MEDLINE source item “Garcia Carmona”

WOS citations to this item came both ways

Manual correction = the only solution

AUTHOR NAME UNIFICATION – TYPICAL CHALLENGES

Horticultura Brasileira
versão impressa ISSN 0102-0536

Hortic. Bras. v.21 n.2 Brasília abr./jun. 2003

http://dx.doi.org/10.1590/S0102-05362003000200021

PÁGINA DO HORTICULTOR

Produtividade de cultivares de morangueiro em sistema de cultivo orgânico

**Yield of strawberry cul
system**

CABI and SciELO sources identified the surname as “DECASTRO”

**Ricardo Lima de Castro; Vice
Ricardo H.S. Santos; Cosme**

SciELO citations to “CASTRO”

PUBYEAR	ITEMNO	CITESEQ	AUTHOR	CITED WORK	REFYEA
2007.	18	6	CASTRO RL	HORTICULTURA BRASILE	2003
2008.	21	5	CASTRO RL	HORTICULTURA BRASILE	2003
2010.	15	8	CASTRO RL	HORTICULTURA BRASILE	20
2011.	6	3	CASTR		
2012.	47	6	CASTR		
2012.	10	8	CASTR		
2013.	17	12	DECAS		

Manual correction = the only solution

INSTITUTION NAME UNIFICATION IN THOMSON REUTERS PRODUCTS

- What is institutional name unification?
  - Process of inspecting WoS publication **address components** in order to attribute the publication to a **specific organization(s**) in a specific geographic location.
- Why do we conduct unification?
  - By unifying address components to specific organizations, we **ensure that all publishing occurring at or on behalf of an organization** is properly attributed to that organization.
- When do we conduct unification?
  - Unification is an ongoing process, done year-round
  - Process is sometimes tied to a specific need such as a customer request, country need, or impending product update
- How do we conduct unification?
  - Using WAAN (**W**eb **A**pplication for **A**ddress **N**ormalization)

INSTITUTION NAME UNIFICATION IN THOMSON REUTERS PRODUCTS

WAAN capabilities:

- Look up organizations to see location and web address, explore hierarchical relationships, define and identify alternate names
- Inspect existing rules for organization address components
- Look up the number of publications attributed to an organization
- Associate a unique identifier for an organization

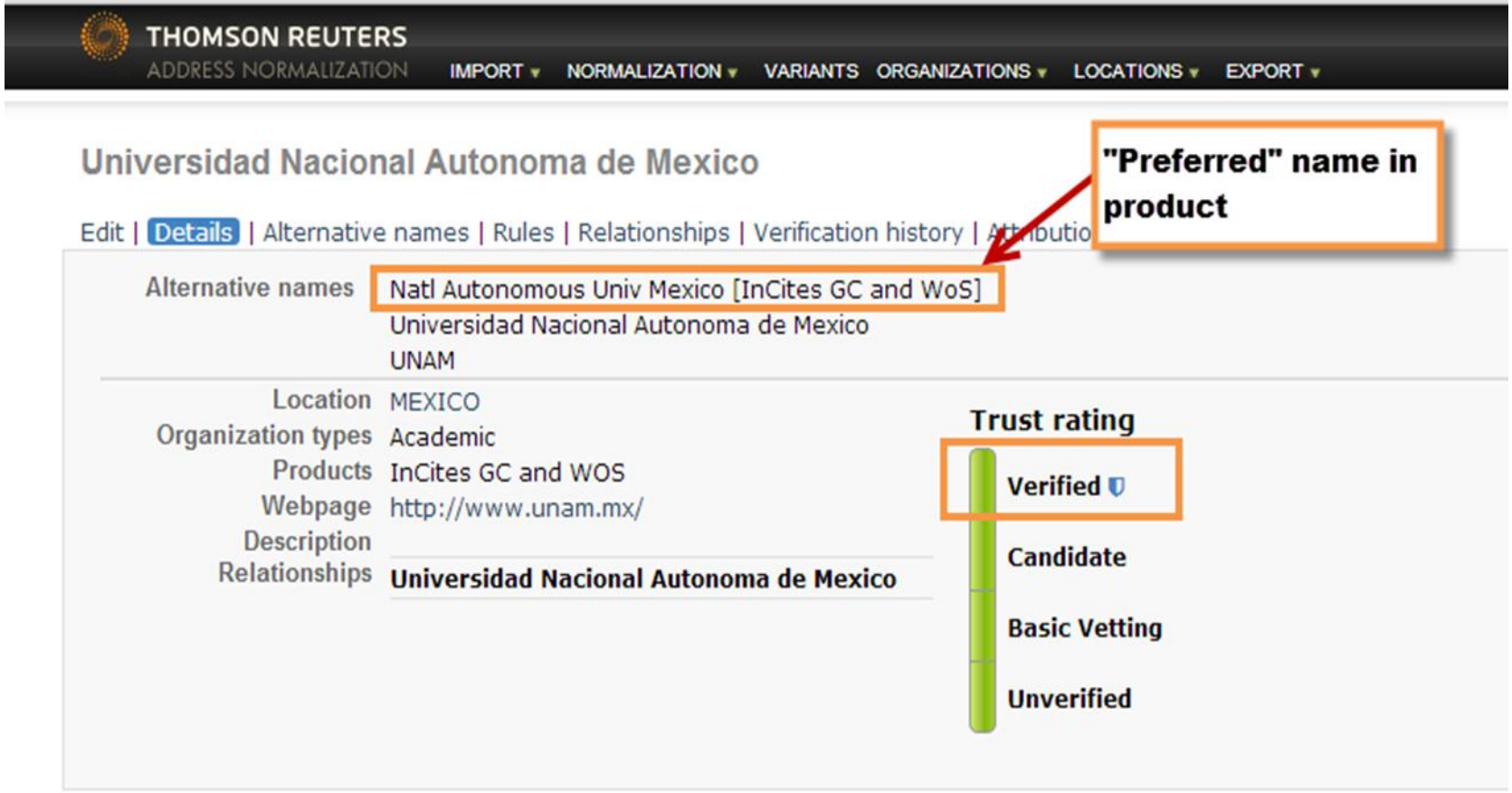
INSTITUTION NAME UNIFICATION IN THOMSON REUTERS PRODUCTS

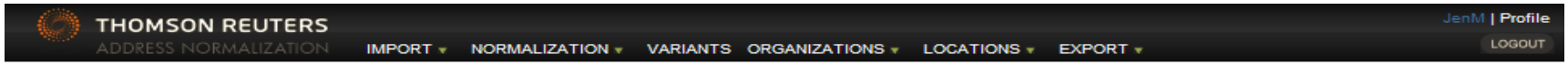
Addresses (355) Prev 1 2 Ne

Address	# UTs
BROADGREEN HOSP LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	97
BROADMOOR HOSP CROWTHORNE RG45 7EG BERKS ENGLAND	73
BROADMOOR HOSP CROWTHORNE RG11 7EG BERKS ENGLAND	61
BROADMOOR HOSP CROWTHORNE BERKS ENGLAND	55
BROADGREEN HOSP LIVERPOOL ENGLAND	26
BROADGREEN HOSP REG ADULT CARDIOTHORAC UNIT LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	24
BROADGREEN HOSP LIVERPOOL L14 3LB ENGLAND	21
BROADMOOR HOSP CROWTHORNE BERKSHIRE ENGLAND	19
BROADGREEN HOSP CTR CARDIOTHORAC LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	18
BROADGREEN HOSP DEPT GASTROENTEROL LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	17
BROADGREEN HOSP REG ADULT CARDIOTHORAC UNIT THOMAS DR LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	17
BROADMOOR HOSP CROWTHORNE RG11 7EG BERKSHIRE ENGLAND	17
BROADGREEN HOSP DEPT DERMATOL LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	15
BROADGREEN HOSP DEPT PATHOL LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	13
BROADGREEN HOSP GASTROENTEROL UNIT LIVERPOOL L14 3LB MERSEYSIDE ENGLAND	13
BROADGATE HOSP BEVER	

Wherever Broadgreen Hospital appears with the address components shown, record will be credited to Broadgreen Hospital

WAAN (**W**eb **A**pplication for **A**ddress **N**ormalization) UNAM case





Universidad Nacional Autonoma de Mexico

Edit | Details | Alternative names | Rules | Relationships | Verification history | Attributions | Delete

Rules for Sub-Organizations and Departments (0)

Canonical Component	Target organization
None	

Rules for Organization (929)

1 2 3 4 5 ... Next › Last »

download

Canonical Component	Context	Type
ACAD COMP SERV DGSCA UNAM	MEXICO CITY, MEXICO	Location
ADOLESCENT PSYCHIAT UNAM MEXICAN PSYCHOANALYT A	BOSQUES DE LAS LOMAS, MEXICO	Location
ASTRON UNIV NACL AUTONOMA MEXICO	MEXICO, NORTH AMERICA	Location
ASTRON UNIV NACL AUTONOMA MEXICO	MEXICO CITY, MEXICO	Location
AUTONOM UNIVG MEXICO	MEXICO CITY, MEXICO	Location
AUTONOMOUS NATL UNIV MEXICO	MEXICO CITY, MEXICO	Location
AUTONOMOUS NATL UNIV UNAM MEXICO	MEXICO CITY, MEXICO	Location
AUTONOMOUS UNIV MEXICO	CIUDAD JUAREZ, MEXICO	Location
AUTONOMOUS UNIV MEXICO	CUERNAVACA, MEXICO	Location
AUTONOMOUS UNIV MEXICO	MAZATLAN, MEXICO	Location
AUTONOMOUS UNIV MEXICO	MEXICO CITY, MEXICO	Location
AUTONOMOUS UNIV MEXICO CITY	MEXICO, NORTH AMERICA	Location
AUTONOMOUS UNIV MEXICO CITY	MEXICO CITY, MEXICO	Location
AUTONOMOUS UNIV MEXICO STATE	MEXICO CITY, MEXICO	Location
AUTONOMOUS UNIV MEXICO STATE	TOLUCA, MEXICO	Location
AUTONOMOUS UNIV MEXICO STATE	VALLE DE CHALCO, MEXICO	Location
AVES FMVZ UNIV NACL AUTONOMA MEXICO	MEXICO, NORTH AMERICA	Location
AVES FMVZ UNIV NACL AUTONOMA MEXICO	MEXICO CITY, MEXICO	Location
CAMPUS UNAM	MEXICO CITY, MEXICO	Location
CAMPUS UNAM JURIQUILLA	QUERETARO, MEXICO	Location
CAMPUS UNAM UAQ JURIQUILLA	JURIQUILLA, MEXICO	Location
CARRERA MED FAC ESTUDIOS SUPER IZTACALA UNAM	EDO, MEXICO	Location

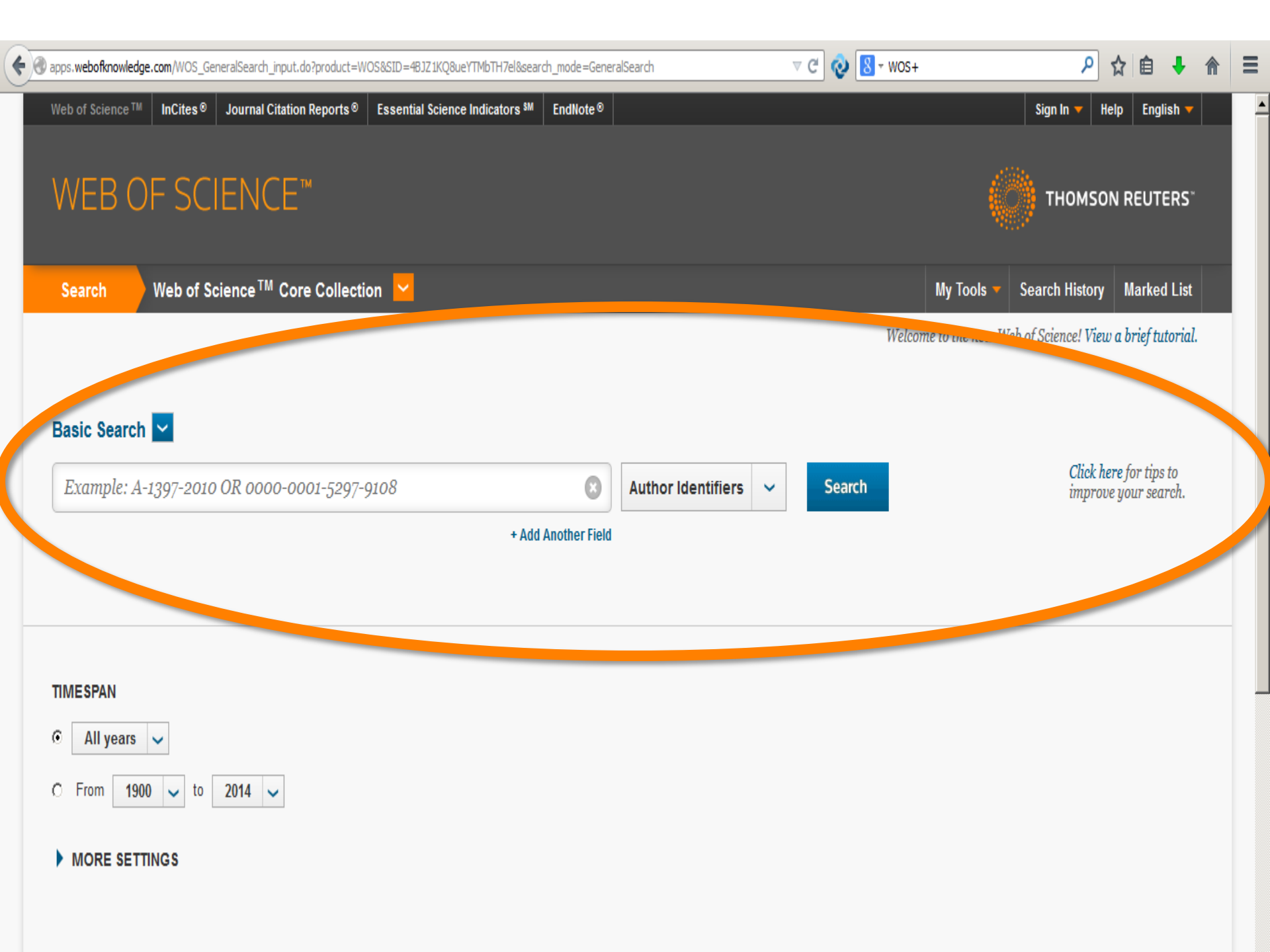
Thomson Reuters Research Analytics: the Source and Foundation

Data

Thomson Reuters Processing Expertise

Research Analytics Resources

- For many years Thomson Reuters has provided a wide range of tools and services supporting accurate and effective research evaluation.
- Our specialist work with Web of Science data and ensure maximum collection and unification before delivery.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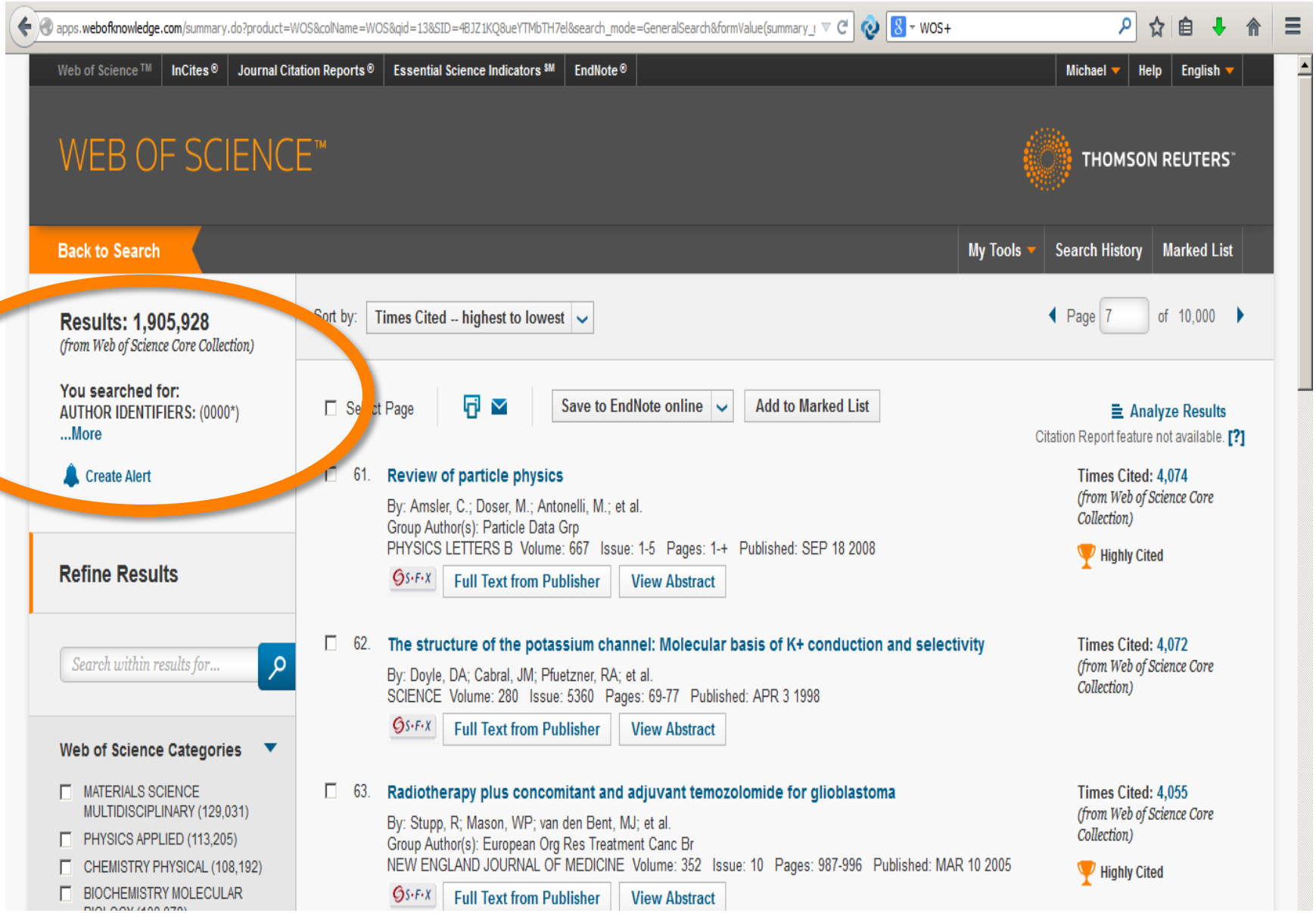
WOS+
Web of Science™
InCites®
Journal Citation Reports®
Essential Science Indicators℠
EndNote®
Sign In
Help
English
WEB OF SCIENCE™
THOMSON REUTERS
Search
Web of Science™ Core Collection
My Tools
Search History
Marked List
Welcome to the new Web of Science! View a brief tutorial.
Basic Search
Example: A-1397-2010 OR 0000-0001-5297-9108
Author Identifiers
Search
Click here for tips to improve your search.
+ Add Another Field
TIMESPAN
All years
From 1900 to 2014
MORE SETTINGS


apps.webofknowledge.com/summary.do?product=WOS&colName=WOS&qid=13&SID=4BJZ1KQ8ueYTMbTH7el&search_mode=GeneralSearch&formValue(summary_
WOS+
Web of Science™
InCites®
Journal Citation Reports®
Essential Science Indicators℠
EndNote®
Michael
Help
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THOMSON REUTERS
Back to Search
My Tools
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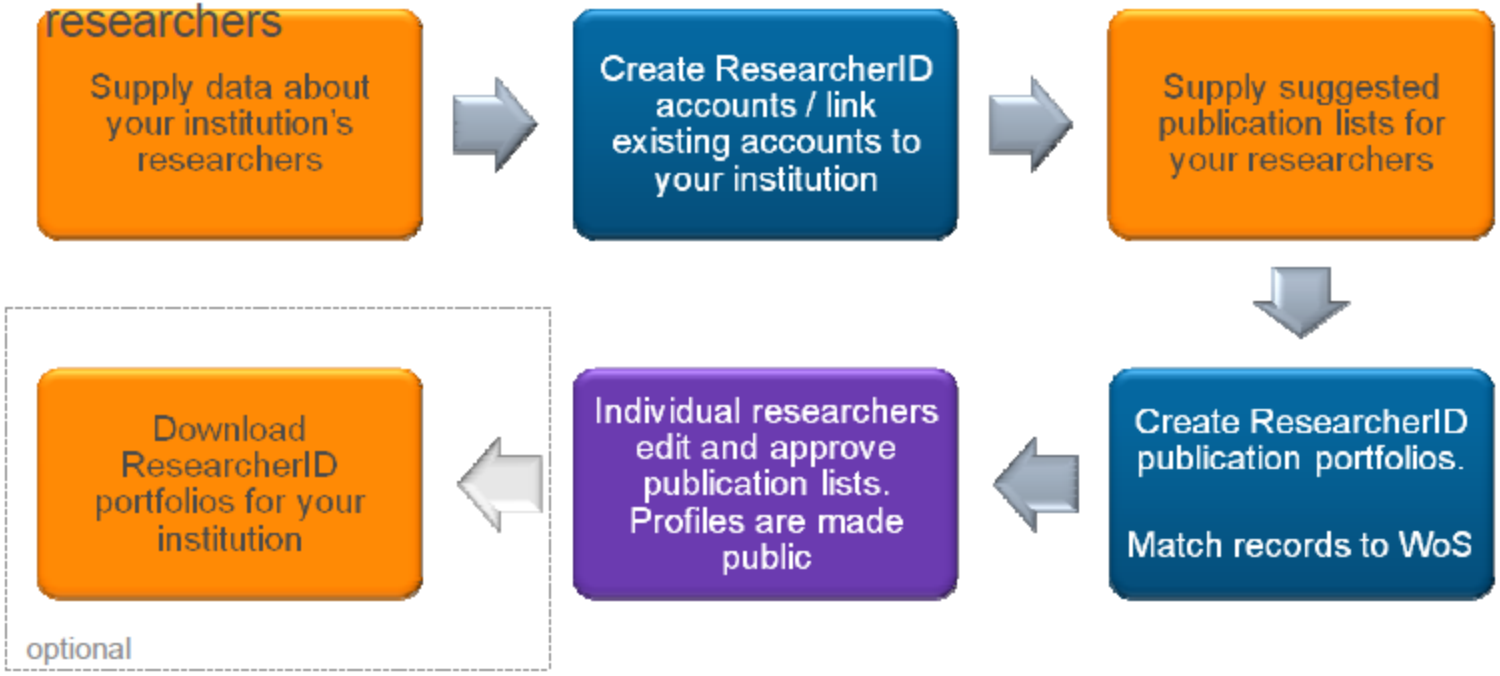
Marked List
Results: 1,905,928
(from Web of Science Core Collection)
You searched for:
AUTHOR IDENTIFIERS: (0000*)
...More
Create Alert
Sort by:
Times Cited -- highest to lowest
Page 7 of 10,000
Select Page
Save to EndNote online
Add to Marked List
Analyze Results
Citation Report feature not available. [?]
Refine Results
Search within results for...
Web of Science Categories
MATERIALS SCIENCE MULTIDISCIPLINARY (129,031)
PHYSICS APPLIED (113,205)
CHEMISTRY PHYSICAL (108,192)
BIOCHEMISTRY MOLECULAR
61. Review of particle physics
By: Amsler, C.; Doser, M.; Antonelli, M.; et al.
Group Author(s): Particle Data Grp
PHYSICS LETTERS B Volume: 667 Issue: 1-5 Pages: 1-+ Published: SEP 18 2008
Full Text from Publisher
View Abstract
Times Cited: 4,074
(from Web of Science Core Collection)
Highly Cited
62. The structure of the potassium channel: Molecular basis of K+ conduction and selectivity
By: Doyle, DA; Cabral, JM; Pfuetzner, RA; et al.
SCIENCE Volume: 280 Issue: 5360 Pages: 69-77 Published: APR 3 1998
Full Text from Publisher
View Abstract
Times Cited: 4,072
(from Web of Science Core Collection)
63. Radiotherapy plus concomitant and adjuvant temozolomide for glioblastoma
By: Stupp, R; Mason, WP; van den Bent, MJ; et al.
Group Author(s): European Org Res Treatment Canc Br
NEW ENGLAND JOURNAL OF MEDICINE Volume: 352 Issue: 10 Pages: 987-996 Published: MAR 10 2005
Full Text from Publisher
View Abstract
Times Cited: 4,055
(from Web of Science Core Collection)
Highly Cited

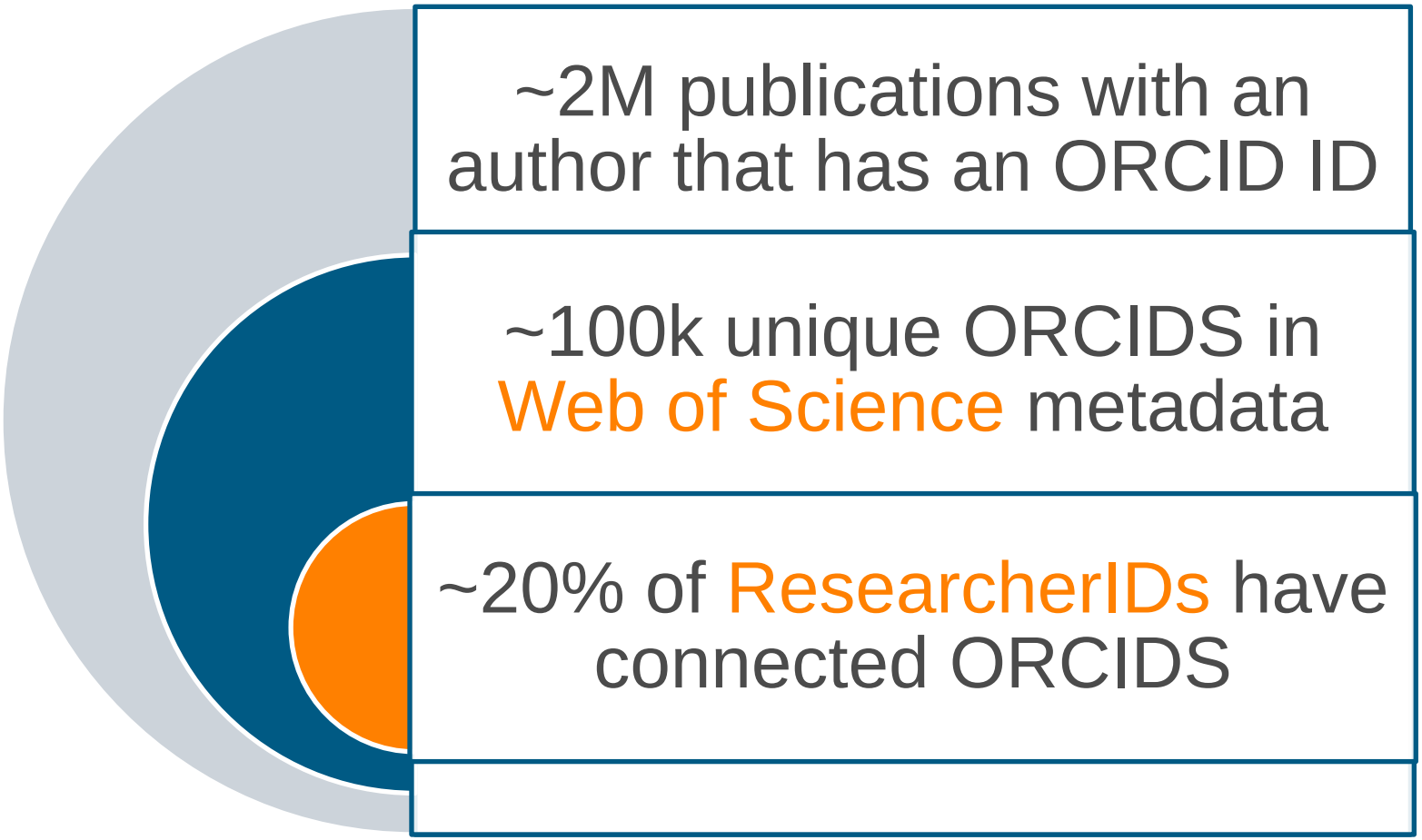
Research ID - Upload / Download

- ResearcherID is a free, online community where authors receive a unique identifier to eliminate author misidentification, increase recognition of one's work and facilitate global collaboration among researchers
- Researchers contribute the data themselves, but it is also possible for an institution to upload profiles and publications on behalf of their researchers

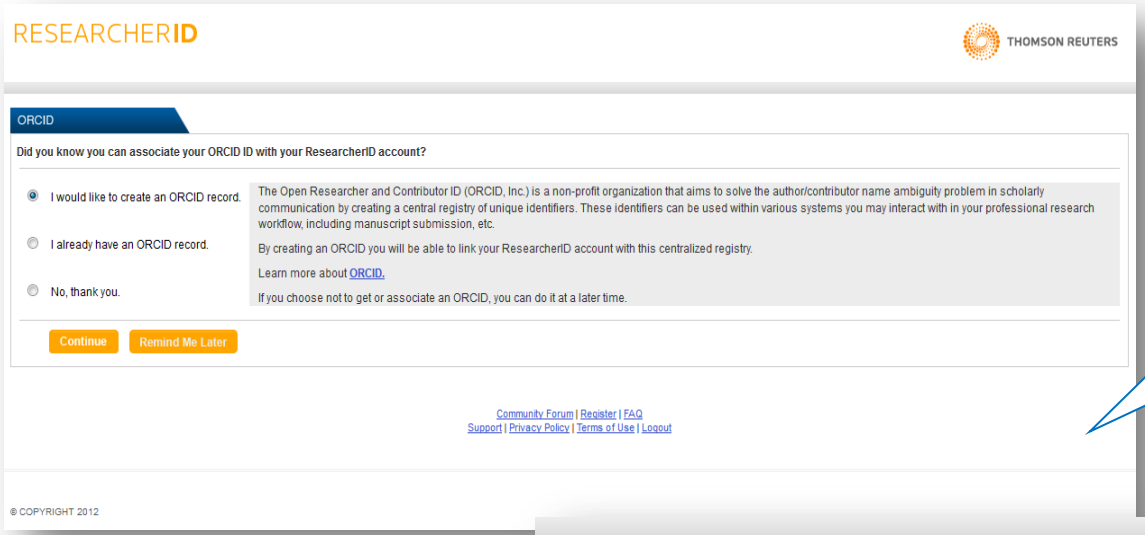


THOMSON REUTERS

FACTS AND FIGURES



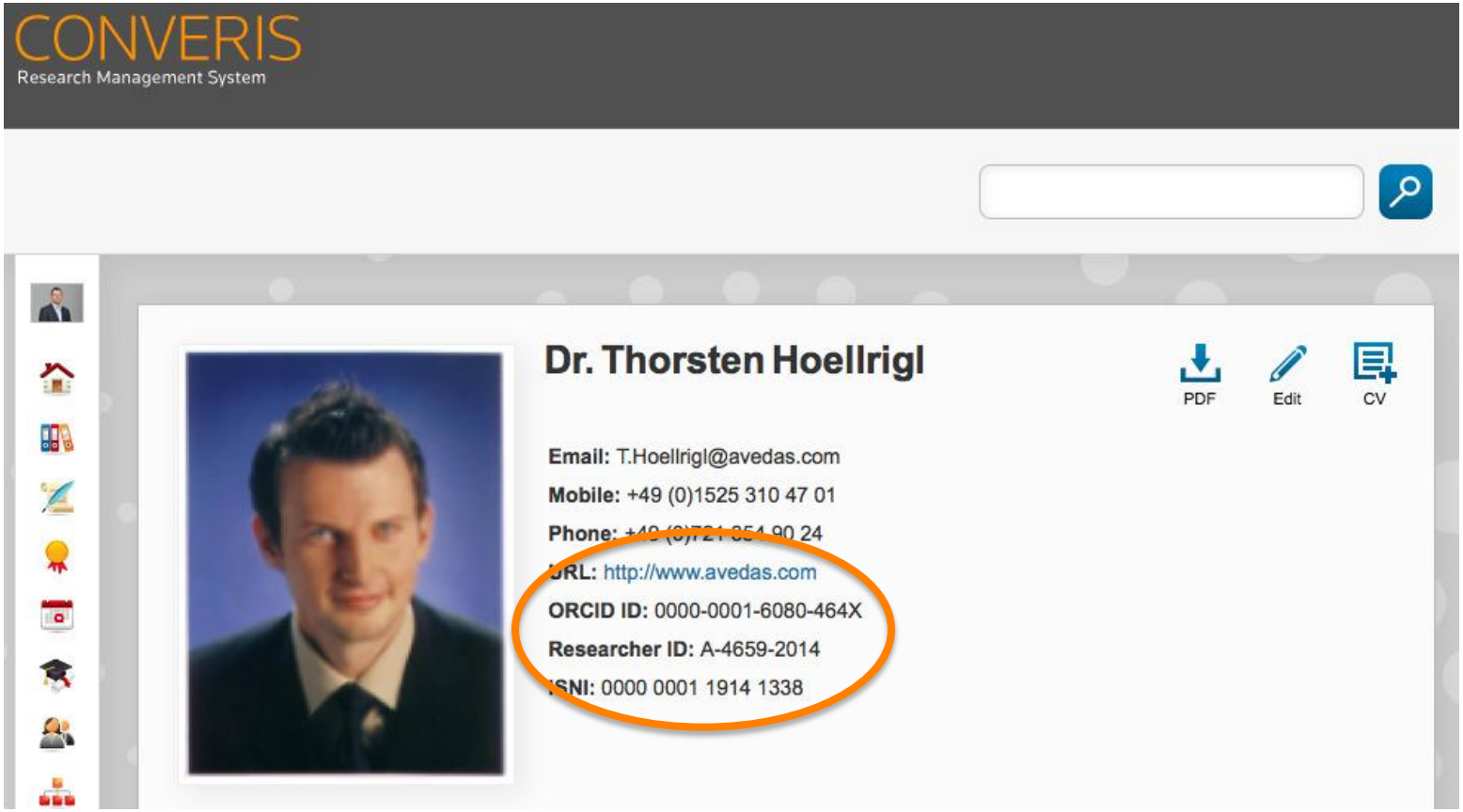
Integration with Researcher ID



Create an ORCID iD or associate existing ORCID iD with ResearcherID

Exchange profile and/or publication data between ORCID and ResearcherID

ORCID PROFILE INTEGRATED IN RESEARCHERID



WE LOVE METADATA

Thanks to authors signing up for ORCIDS we are able to deliver more utility to researchers

- librarians,
- publishers,
- bibliometricians,
- funding agencies, everyone…

TIPS FOR BEST PRACTICES

Make scientific authors aware of the importance of his/her signature so they can be cited correctly

Write author name standard criteria and include them in the Instructions to the authors section of the journal

Include guidelines for citing the work of peers

Register with a system that insures uniformity in author identifiers such as ORCID or ReseacherID

Collaborate with national and international organizations for unified initiatives and best practices such as:

CONACYT in Mexico, CAICYT in Argentina, Colciencias in Colombia, FECYT in Spain (Spanish Foundation of Science and Technology)

THANK YOU

Acknowledgements:

Andrew McFarlane, Bob Griffith, Diana Bitting, David Cutts, Jennifer Minnick, Joelle Masciulli, Marion Muff, Nina Chang, Simon Pratt

THOMSON REUTERS

Challenges in capturing Spanish names – Policy and examples

There are two author names. The formatted name and the full name.
The formatted name is the policy followed by TR for many years.
The full name policy comes from BIOSIS processing.
For pre-2005 TR legacy issues, the formatted name was systematically used to create a full name.

Example:
Full text = Lourdes González del Rincón
Formatted name = del Rincon, LG
Full name = Gonzalez del Rincon, Lourdes

-large volume of author names processed here at TR each year (12 million +),
-our policies must be simple and consistent.

- impossible for us, and for that matter our end-users, to determine whether a multipart name should be considered an initial, middle name or part of an individuals last name
- In fact, multiple people with the same exact name may prefer different presentations of that name
- journal presentation itself can also vary.
- For the sake of consistency we define the last name as the part of the name following the last space (Rincon). Particles such as del are considered to be part of the name they precede (del Rincon)
- reduce source and cited names to a consistent presentation
- minimizing variations

Thus, we hope, with a reasonably simple set of rules, we can present author names as part of article-identifying information, readily usable by the many types and nationalities of users - at the cost of often sacrificing the courtesy of honoring the individual, national or other desires of the authors involved.

1a. Policy: Formatted Name

SPANISH NAMES

1.In Spanish names, the **last name presented is to be processed as the last name**.

Presented	Process As
Lucia Maria de Ipanema Moreira Glycerio	Glycerio, LMDM

2.In Spanish and Portuguese names, if joined by a conjunction ("e" - "y") the last name presented is to be processed as the las
name and the conjunction will be keyed as an initial.

Presented	Process As
Maria Gonzalez y Rodriguez	Rodriguez, MGY

The conjunctions "y" and "e" are processed in Upper Case.

3.Single letters appearing after the last name of Spanish authors will be dropped.

Presented	Process As
A. Gonzalez Urena M.	Urena, AG

1a. Policy: Formatted Name (continued)

4.De, le, etc., are also common particles in Latin names and the rule(s) for particle(s) will be followed.

Presented	Process As
Juan de la Huerga	de la Huerga, J
L. M. d'Ors	d'Ors, LM
E.B. del Castillo	del Castillo, EB

5. Single letters appearing after the last name of Spanish authors will be dropped.

Examples	
A. Santos-Ruiz E.	SANTOSRUIZ A
Carlos Mosquera A	MOSQUERA C

6.The superscript "a" is an abbreviation for the end of a common first name. This is not part of the name and should not be processed. For example, instead of Maria, it may be presented M superscript a. (Maria = M^a^)

1a. Policy: Full Author Name

Spanish Names (Spain, Argentina, Cuba, Mexico)

If the last part of the name is preceded by **de** or **del**, take the last 3 names (if given) as the surname.

NOTE: Do not count either the de or del as one of the elements when determining the parts of the surname.

If last part is not preceded by **de** or **del**, take the last 2 names as the surname.

Carlos Casas Sanchez	Carlos [Casas Sanchez]
Pascual Ortiz Rubio	Pascual [Ortiz Rubio]
Javier Ausas Lopez de Castro	Javier [Ausas Lopez de Castro]
Juan Gonzalez Rodriguez	Juan [Gonzalez Rodriguez]
Maria Luna Veliz del Limon	Maria [Luna Veliz del Limon]
Maria Luna del Veliz Limon	Maria Luna [del Veliz Limon]
Domingo de Cruz Gonzalez Godinez	Domingo de Cruz [Gonzalez Godinez]
Javier Ausas Lopez da Castro	Javier Ausas [Lopez da Castro]

Compound Spanish Names

You will sometimes see a connector ("e", "y" or "i") between 2 names. Count the name immediately before the connector, the connector itself and the name immediately after the connector as one name.

Rubio Ortiz y Rubio	Rubio [Ortiz y Rubio]

1a. Policy: Full Author Name (continued)

A Spanish compound name may also appear with hyphenated initials. The initial is treated like a name and it is one of elements when determining the parts of the surname.

Carlos Bertomen-G. Carlos [Bertomen-G.]

Examples:

Carlos Casas Sanchez	Carlos [Casas Sanchez]
Elena de Rodriguez	Elena [de Rodriguez]
Catalina Garcia de Gonzalez	Catalina [Garcia de Gonzalez]
Julio Rodriguez	Julio [Rodriguez]
M. P. Geijo Martinez	M. P. [Geijo Martinez]
Moreno Mendana	Juan [Moreno Mendana]
Rafael Garcia i Cotreras	Rafael [Garcia i Cotreras]

Juan Gonzalez Martin y Canedo Rodriquez de Arcos

Processed as: Juan Gonzalez [Martin y Canedo Rodriquez de Arcos]

“de Arcos” begins with “de” , so the last 3 parts (if given) are taken as the surname.

2. “Martin y Canedo’ is a compound name so it is treated as one name.

NOTE: Portuguese names are often mistaken for Spanish names. When unsure, check the language of the article’s text, the address locations, name of the journal, etc.

1b. Examples

1. **Full Text:** María del Carmen Basualdo
   WoS: **Basualdo, MD** (del Carmen Basualdo, Maria)

2. Full Text: Verónica Martínez-de-la-Vega
   WoS: **Martinez-de-la-Vega, V** (Martinez-de-la-Vega, Veronica)

3. Full Text: Fidel de la Cruz Hernandez-Hernandez
   WoS: **Hernandez-Hernandez, FD** (de la Cruz Hernandez-Hernandez, Fidel)

4. Full Text: Ma. del Carmen A. González-Chávez
   WoS: **Gonzalez-Chavez, MDA** (Gonzalez-Chavez, Ma. del Carmen A.)

5. Full Text: Grácia-Divina de Fátima Silva
   WoS: **Silva, GDD** (de Fatima Silva, Gracia-Divina)

2. UNAM institutional addresses

a. Policy

- Summary
- Address File, Dictionary, WAAN

b. Examples

2a. Policy: Summary

Main Organization

the first part or most important part of the address.
A hierarchy list is used to help determine the main org.

Sub-Organizations

remaining sections of the address:

EX: 1st Department of Medicine = Dept Med 1
EX: Department of Med II = Dept Med 2
EX: Second Department of Medicine = Dept Med 2

2a. Policy Summary (continued)

Street Information (Reprint Add only)

Street information includes street name, building number, POB, room number, etc.

City/State/Country

Foreign Zone numbers

Foreign Zone numbers with country codes are processed before the city name
(EX: E-12345).

EXAMPLE:
Univ Nacl Autonoma Mexico, Dept MMC, Inst Invest Mat, Mexico City 04510, DF, Mexico

2a. Address File, Address Dictionary, WAAN

- Address File

We have entries for “Natl Autonomous Univ Mexico” & “Univ Nacl Autonoma Mexico” in Address DB both in Mexico City,DF, Zip code 04510, Mexico.

Also, there is one more entry for “Univ Nacl Autonoma Mexico, Cuernavaca, Morelos, 62191, Mexico”.

We don’t have any entry for Acronym “UNAM” in Address master because this acronym appears in many locations.

- WAAN

The WAAN preferred entry :
Universidad Nacional Autonoma de Mexico

2b. Examples

1.
Full Text: Instituto de Física, Universidad Nacional Autónoma de México, A.P. 20-364, 01000, México D.F., Mexico

WoS: Univ Nacl Autonoma Mexico, Inst Fis, Mexico City 01000, DF, Mexico
Organization-Enhanced Name(s)
Universidad Nacional Autonoma de Mexico

2.
Full Text: Student of the Master Program in Medical and Dental Science, Public Health National Autonomous University of Mexico

WoS: Publ Hlth Natl Autonomous Univ Mexico, Master Program Med & Dent Sci, Mexico City, DF, Mexico
Organization-Enhanced Name(s)
Universidad Nacional Autonoma de Mexico

3.
Full Text: Centro de Geociencias—UNAM, Campus Juriquilla, Queretaro 76230, Mexico

WoS: UNAM, Ctr Geociencias, Campus Juriquilla, Queretaro 76230, Mexico.
Organization-Enhanced Name(s)
Universidad Nacional Autonoma de Mexico