



Connecting Research  
and Researchers

# ORCID: an introduction

Nobuko Miyairi  
Regional Director, Asia Pacific  
[n.miyairi@orcid.org](mailto:n.miyairi@orcid.org)

<http://orcid.org/0000-0002-3229-5662>

# What is ORCID?

- ORCIDは Online Researcher & Contributor IDの略称です。
- 世界中の研究者に一位の識別子を与えることを目的として、2009年から活動を始め、2010年8月に国際的・学際的な非営利団体として正式に発足しました。



ORCID iD	First name	Last name	Other names
0000-0002-3229-5662	Nobuko	Miyairi	宮入暢子

- ORCIDは無料でオープンなレジストリとして、研究者に付与された識別子を公開しています。
- 個人の研究者の登録は無料です。
- 研究機関、研究助成団体、出版社などのメンバーシップから活動資金を得ています。
- ORCIDメンバー機関は、APIを用いてORCIDレジストリと自機関の様々なシステムを連携させることが可能です。
- その他、国やコミュニティレベルでの様々なイニシアチブが展開されています。

1,558,340 ORCID iDs and counting. [See more...](#)

We want to know what you think about ORCID - please take 5-10 minutes to complete [our survey](#).

## Nobuko Miyairi

### ORCID ID

[orcid.org/0000-0002-3229-5662](https://orcid.org/0000-0002-3229-5662)

Also known as  
宮入暢子

Country  
Japan

Other IDs  
[ResearcherID: A-5101-2009](#)  
[Scopus Author ID: 55181445900](#)

### ▼ Education (1)

Sort

#### University of Hawai'i at Manoa: Honolulu, HI, United States

2000-08 to 2002-12 (SLIS)

MLIS

Source: Nobuko Miyairi

Created: 2013-12-11

### ▼ Employment (3)

Sort

#### ORCID: Tokyo, Japan

2015-07 to present

Regional Director, Asia Pacific

Source: Nobuko Miyairi

Created: 2015-07-01

#### Nature Publishing Group: Tokyo, Japan

2012-09 to 2015-06 (Asia Pacific)

Consultant/Analyst

Source: Nobuko Miyairi

Created: 2013-12-11

#### Thomson Reuters Science: Tokyo, Japan

2010-09 to 2012-08 (Asia Pacific)

Principal Consultant, Business Development

Source: Nobuko Miyairi

Created: 2013-12-11

### ▼ Works (21)

Sort

#### ORCIDアウトリーチ・ミーティング in 東京

joho kanri

2015 | journal-article

DOI: [10.1241/johokanri.57.765](https://doi.org/10.1241/johokanri.57.765)

Source: CrossRef Metadata Search

Preferred source

- ORCID iD  
(個人識別番号)
- 名前の  
バリエーション
- 各プロフィール  
システムや  
データベース  
とのリンク
- 学歴・職歴
- 個人業績
  - 出版業績
  - 研究費獲得
  - コミュニティ  
サービス

ORCID ID

orcid.org/0000-0002-3229-5662

View public version

Get a QR Code for your iD

Also known as  
宮入暢子

Country  
Japan

Keywords

Websites

Emails  
nmiyairi@gmail.com  
nmiyairi@orcid.org

Other IDs  
ResearcherID A-5101-2009  
Scopus Author ID 55181445900

Education (1)

+ Add education

Sort

University of Hawai'i at Manoa: Honolulu, HI, United States  
2000-08 to 2002-12 (SLIS)

MLIS

Source: Nobuko Miyairi

Created: 2013-12-11

Employment

+ Add employment

Sort

ORCID: Tokyo, Japan  
2015-07 to present

Regional Director, Asia Pacific

Source: Nobuko Miyairi

Created: 2015-07-01

Nature Publishing Group: Tokyo, Japan  
2012-09 to 2015-06 (Asia Pacific)

Consultant/Analyst

Source: Nobuko Miyairi

Created: 2013-12-11

Thomson Reuters Science: Tokyo, Japan  
2010-09 to 2012-08 (Asia Pacific)

Principal Consultant, Business Development

Source: Nobuko Miyairi

Created: 2013-12-11

Funding (0)

+ Add funding

Sort

You haven't added any funding, add some now

Works (21)

+ Add works

Bulk edit

Sort

ORCIDアウトリーチ・ミーティング in 東京  
joho kanri  
2015 | journal-article  
DOI: 10.1241/johokanri.57.765

Source: CrossRef Metadata Search

Preferred source

- すべてのフィールドについて、公開・非公開を選択可

Who can see this?

everyone

trusted parties

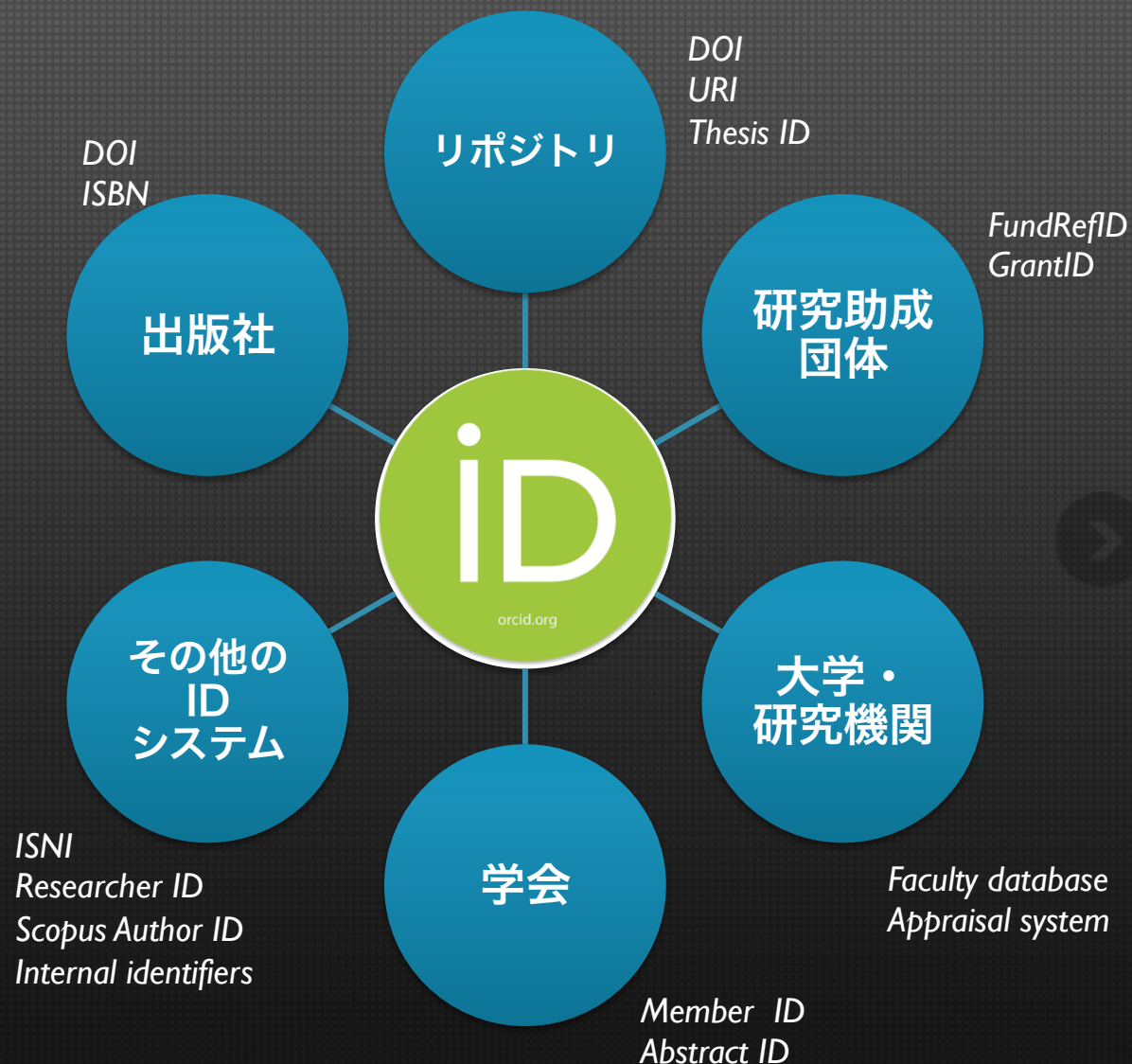
only me

- ORCIDメンバー機関が提供する他システムをソースとして入力の手間を軽減するとともに、情報をオーソライズ
- マニュアル入力も可
- 多言語対応



他の様々な識別子と  
リンクすることにより、  
ORCIDは研究者と、  
様々な業績やアウト  
プットを正しく結びつ  
けます。

- 機械可読性  
(machine-readable)
- 相互運用性  
(interoperability)



## authors &amp; referees

Personal profile

Professional profile

My Account → Personal Profile

Reset

(\* = mandatory fields)



ORCID

[Create/link an Open Researcher Contributor ID\(ORCID\)](#)

Title

\* First Name

Middle Name

\* Last Name

Garcia

\* Primary Email Address

s.garcia@orcid.org

# ORCID in submission process

2 Attributes

3 Authors & Institutions

4 Reviewers & Editors

5 Define Comments

6 File Upload

7 Review Submission

### My Co-Authors

Order	Name	Institution, Department	E-Mail
1	Ms. Gwen MacLachlan <i>Corresponding Author</i>	Fred Street Fruita, CO, USA 80315	gwen@test.demo

### Add a New Co-Author


req E-Mail:  req Sal.  req First (Given) Name:  Middle Name:

req Address 1:  Address 2:  Address 3:  Rm/Suite:

req Country  United States

State/Province  --- Select One --- req City

req Zip / Postal Code:  Phone Number:

 <http://orcid.org/>

[Find an ORCID iD](#)

[ResearcherID](#)

ScholarOneなどの論文投稿システムの多くにすでにORCIDが実装され、原稿の投稿時に著者のORCID iDが入力できるようになっています。



Wellcome Trustは  
助成金の申請シス  
テム上でORCID iD  
の入力を求めてい  
ます。

wellcome trust  
eGrants

Return to my profile

Information  
Help  
About Us  
Registered non-researching  
Organizations  
Sample Application Forms  
Grant Conditions  
Policy and Notices

REGISTRATION

Step 1: Verify Email Address Step 2: Your Personal Details Step 3: Your Career Summary Step 4: Grant and Education History Step 5: Research Project Funding

Step 2 contd.

Orcid Registration (Optional)

As part of your registration you can include an ORCID iD, or register for one.

ORCID is a not-for-profit initiative that has established a global, open registry to provide persistent, unique person identifiers for researchers and contributors to research and associated funded activity. ORCID covers all disciplines and research sectors. [Read More](#)

The Wellcome Trust supports ORCID as building unique persistent ids into the which have the potential to increase immense efficiencies to the research sector registration, we will be able to pre-populate your ORCID profile with any award

If you already have an existing ORCID id or would like to register for one, click skip this step for now and complete it later via the 'Your Details' page.

Verify existing ORCID iD Register for ORCID iD

Add your ORCID  
identifier during the grant  
application process

### CONNECTING Wellcome Trust EGrants WITH YOUR ORCID RECORD

#### Wellcome Trust eGrants

has asked for the following access to your ORCID Record:

Confirm who you are, to log you in to their system

This application will not be able to see your ORCID password, or  
other private info in your ORCID Record

Deny

Authorize

Wellcome Trust eGrants

Wellcome Trust on line application system

“*We want to use ORCIDs to simplify the life of Oxford’s researchers for working with institutional systems and publishers’ systems by re-using already available information for publication data management and reporting.  
The motto is: **Input once – re-use often.***”

Wolfram Horstmann, Associate Director,  
Bodleian Libraries, University of Oxford





The University of Hong Kong

**The HKU Scholars Hub** 香港大學學術庫

HELP

• HKU Login  
• Guest Login

Home

Publications

Researchers

Organizations

Grants

Theses

Patents

Community Service

## The University of Hong Kong ORCID Record Creation

The University creates ORCID records for HKU faculty that now have a HKU ResearcherPage in The HKU Scholars Hub – usually staff with UGC status of A ~ I, sometimes O. These faculty could choose to opt-out and no ORCID will be created for them. If you already have an ORCID record, please click “Provide Existing ORCID” to allow us to associate your HKU ResearcherPage with your ORCID identifier.

If you prefer to manually create your own ORCID record, you may click on, “Go to ORCID, Manually Create”. After you do so, could you please return to this page, and click on “Provide Existing ORCID”, and input your new ORCID iD there.

Other HKU faculty and students wishing an ORCID record can also go to ORCID and manually create one for themselves.

Please note that publishers have begun asking for ORCID identifiers during the manuscript submission process, and there are several benefits to getting an ORCID iD, which will follow you throughout your scholarly career. For more information visit <http://hub.hku.hk/orcid/about.jsp>.

Provide Existing ORCID

Opt-Out of ORCID

Go to ORCID. Manually Create



**iAuthor 中国科学家在线**  
中国科学家国际化识别与ORCID中国服务

Language: 简体中文

其他名: Zhu Daoben, Daoben Zhu, Zhu D B, D B Zhu  
ORCID: 0000-0002-6354-940X  
机构: 中国科学院化学研究所  
学术主页: http://iAuthor.las.ac.cn/CN/0000-0002-6354-940X

研究主题

全部 按年份

supramolecular(5) charge transfer salt(5)  
chemical synthesis(7) Copper(4) electrical conductivity(6)  
Electron donor(5) Photoluminescence(13) optical properties(7)  
制备(7) fullerene(18) nanostructures(15)  
Cycloaddition(7) conductive polymers(10)  
tetrathiafulvalene(13) synthesis(24) Magnetic properties(12)  
sensors(5) 富勒烯(11) crystal structure(25) 分子器件(13)  
crystal structures(8) self-assembly(20) 合成(7)  
LB膜(6) nickel(4) electroluminescence(18) fluorescence(13)  
gold nanoparticles(7) fullerenes(18) polymers(10)  
Electron microscopy(6) conjugated polymers(13) wettability(7)  
碳(6) charge transfer(9) morphology(6)  
magnetism(4) fullerenes and derivatives(7)

按年代分组

科研产出 (1167) Web of Science被引次数 (40107) CSDC被引次数 (310)

姓名, 题名, 刊名 检索 全选 取消全选 排序 导出

• 2014(26)  
• 2013(26)  
• 2012(31)  
• 2011(33)  
• 2010(58)  
• 2009(53)  
• 2008(79)  
• 2007(76)  
• 2006(82)  
• 2005(94)  
展开

按类型分组

• 期刊论文(872)  
• wos(293)  
• 标准(1)

按语种分组

• 英文 (1046)  
• 中文 (121)

按引文来源分组

• wos(914)  
• csdc(127)

按来源刊物分组

• SYNTHETIC METALS(99)  
• ADVANCED MATERIALS(56)  
• JOURNAL OF MATERIALS CHEMISTRY(47)  
• CHEMICAL PHYSICS LETTERS(43)  
• JOURNAL OF THE AMERICAN CHEMICAL SOCIETY(42)  
• CHEMICAL COMMUNICATIONS(39)  
• JOURNAL OF PHYSICAL CHEMISTRY(39)

[1] Jiang Runsheng, Li Yongjun, Qin Zhihong, 更多. A chiral macrocyclic receptor for sulfate anions with CD signals[J]. RSC ADVANCES, 2014, 4(4): 2023-2028.

[2] Bai Huitao, Cheng Pei, Wang Yifan, 更多. A bipolar small molecule based on indacenodithiophene and diketopyrrolopyrrole for solution processed organic solar cells[J]. JOURNAL OF MATERIALS CHEMISTRY A, 2014, 2(3): 778-784.  
Web of Science被引次数: 8

[3] Jiao Fei, Zhang Fengjiao, Zang Yaping, 更多. An easily accessible carbon material derived from carbonization of polyacrylonitrile ultrathin films: ambipolar transport properties and application in a CMOS-like inverter, 2014.

[4] Lin Yuze, Ma Lanchao, Li Yongfang, 更多. Small-Molecule Solar Cells with Fill Factors up to 0.75 via a Layer-by-Layer Solution Process[J]. ADVANCED ENERGY MATERIALS, 2014, 4(1):  
Web of Science被引次数: 6

[5] Zhou Zhongmin, Qin Yunke, Xu Wei, 更多. Supramolecular association behavior of a strong C-60 receptor with conjugated pentacene and tetrathiafulvalene moieties in solution and in the solid state, 2014.  
Web of Science被引次数: 2

[6] Liu Cai-Ming, Zhang De-Qing, Zhu Dao-Ben. A 2D → 2D polyrotaxane lanthanide-organic framework showing field-induced single-molecule magnet behaviour[J]. RSC ADVANCES, 2014, 4(68): 36053-36056.

[7] Virk Tarunpreet Singh, Singh Kamaljit, Qin Yunke, 更多. Sulphur bridged [2,2]annulene[2,1,2,1] based organic field-effect transistors: interplay of the steric bulk and charge transport[J]. RSC ADVANCES, 2014, 4(71): 37503-37509.

[8] Zhang Qian, Sun Yimeng, Xu Wei, 更多. What To Expect from Conducting Polymers on the Playground of Thermoelectricity: Lessons Learned from Four High-Mobility Polymeric Semiconductors[J]. MACROMOLECULES, 2014, 47(2): 609-615.  
Web of Science被引次数: 3

[9] Sheng Peng, Sun Yimeng, Jiao Fei, 更多. Optimization of the thermoelectric properties of poly[Cu-(Cu-ethylenetetrathiolate)] [J]. SYNTHETIC METALS, 2014, 188111-115.  
Web of Science被引次数: 1

[10] Meng Qing, Zhang Fengjiao, Zang Yaping, 更多. Solution-sheared ultrathin films for highly-sensitive ammonia detection using organic thin-film transistors[J]. JOURNAL OF MATERIALS CHEMISTRY C, 2014, 2(7): 1264-1269.  
Web of Science被引次数: 1

[11] Liu Hang, Qin Yunke, Huang Dazhen, 更多. Novel thiophene-substituted tetrathia[2,2]annulene[2,1,2,1]: synthesis, physical properties, and improvement in field-effect behavior[J]. TETRAHEDRON, 2014, 70(10): 1872-1879.

[12] Jiao Fei, Di Chong-an, Sun Yimeng, 更多. Inkjet-printed flexible organic thin-film thermoelectric devices based on p- and n-type poly(metal 1,1,2,2-ethenetetrathiolate)/polymer composites through ball-milling, 2014.  
Web of Science被引次数: 2



- 中国科学院では、各研究者の業績一覧ページiAuthor上で、ORCID iDのリンクを促しています。
- 出版業績リストはORCIDとiAuthorの間で同期されます。



KAUST Repository

[Login](#) [Register](#)
[Home](#) [Browse](#) [About](#) [Submit an Item](#)
[Advanced Search](#)

Search



KAUST Repository &gt; Theses and Dissertations &gt; Theses &gt;

## A Robust Vision-based Runway Detection and Tracking Algorithm for Automatic UAV Landing

## HANDLE URI:

<http://hdl.handle.net/10754/552539>

## TITLE:

A Robust Vision-based Runway Detection and Tracking Algorithm for Automatic UAV Landing

## AUTHORS:

Abu Jbara, Khaled F. ( 0000-0001-7089-1433 )

## ABSTRACT:

This work presents a novel real-time algorithm for runway detection and tracking applied to the automatic takeoff and landing of Unmanned Aerial Vehicles (UAVs). The algorithm is based on a combination of segmentation based region competition and the minimization of a specific energy function to detect and identify the runway edges from streaming video data. The resulting video-based runway position estimates are updated using a Kalman Filter, which can integrate other sensory information such as position and attitude angle estimates to allow a more robust tracking of the runway under turbulence. We illustrate the performance of the proposed lane detection and tracking scheme on various experimental UAV flights conducted by the Saudi Aerospace Research Center. Results show an accurate tracking of the runway edges during the landing phase under various lighting conditions. Also, it suggests that such positional estimates would greatly improve the positional accuracy of the UAV during takeoff and landing phases. The robustness of the proposed algorithm is further validated using Hardware in the Loop simulations with diverse takeoff and landing videos generated using a commercial flight simulator.

## ADVISORS:

Sundaramoorthi, Ganesh

## COMMITTEE MEMBER:

Shamma, Jeff S. ( 0000-0001-5638-9551 ) : Claudel, Christian G. ( 0000-0003-0702-6548 )

## KAUST DEPARTMENT:

Computer, Electrical and Mathematical Sciences and Engineering (CEMSE) Division

## Files 3



Thesis-Khaled Abu Jb...

7821KB

Abu Jbara - Thesis



Abu Jbara - Thesis a...

319KB

 Restricted access: [Login](#)  
[required](#)

Abu Jbara - Thesis

Approval Form



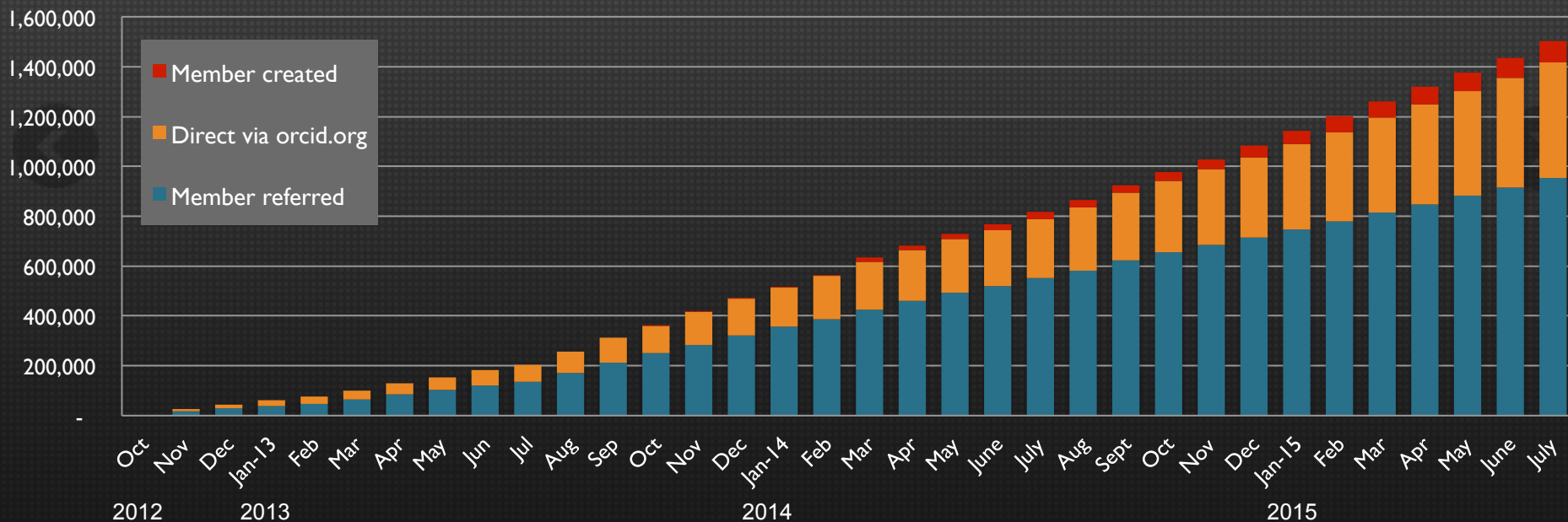
Abu Jbara - copyrig...

213KB



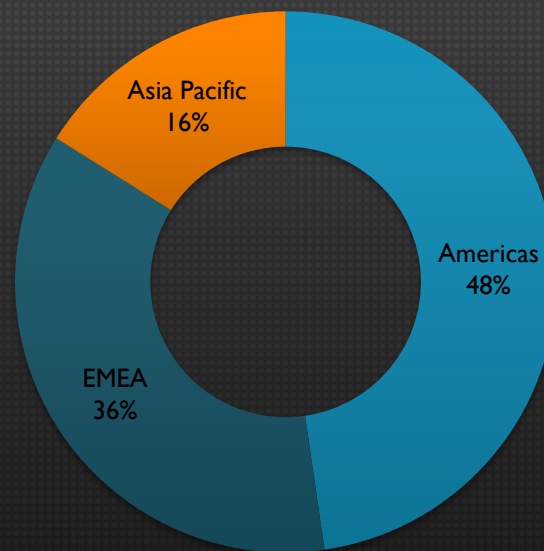
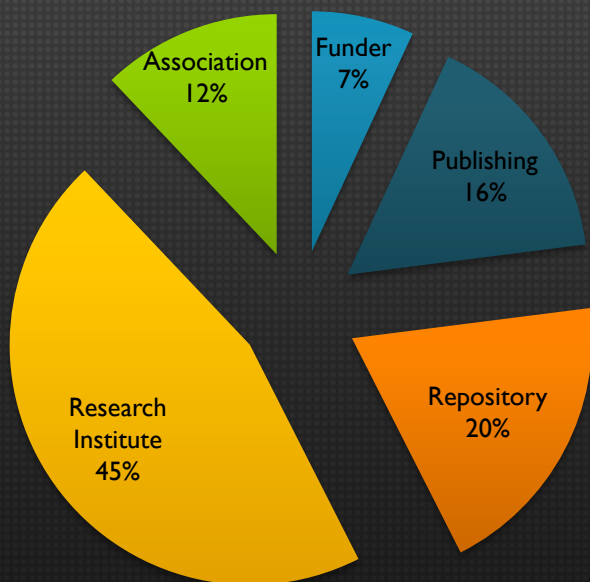
すでに150万人の研究者がORCID iDを取得しています。  
その半数以上が、ORCIDと連携する各システムを経由しての登録です。

## ORCID iDs by creation method





すでにORCIDメンバー加入機関は300を超え、  
ORCID iDの取得やリンクを促すシステムは200以上あります。



Jisc are establishing a

**national ORCID  
consortium in the UK.**

**50 Universities and 7 funders** are  
joining now, and **29 others** have  
expressed an interest in joining later.

Released a “**Joint Statement of Principle**” endorsing national adoption of ORCID, supported by universities, research administrators, libraries and research data managers

The report cites **reduced red tape**, improved **data quality** and **increased global visibility** as reasons to adopt ORCID

<http://www.ands.org.au/discovery/orcid-discussion-paper20150306.pdf>



ANVUR and CRUI have decided to launch the Italian Researcher Identifier for Evaluation (IRIDE) project:

By the end of 2016 at least **80% of Italian researchers** (including PhD students and post-docs) will possess **an ORCID iD linked to their publications back to 2006**

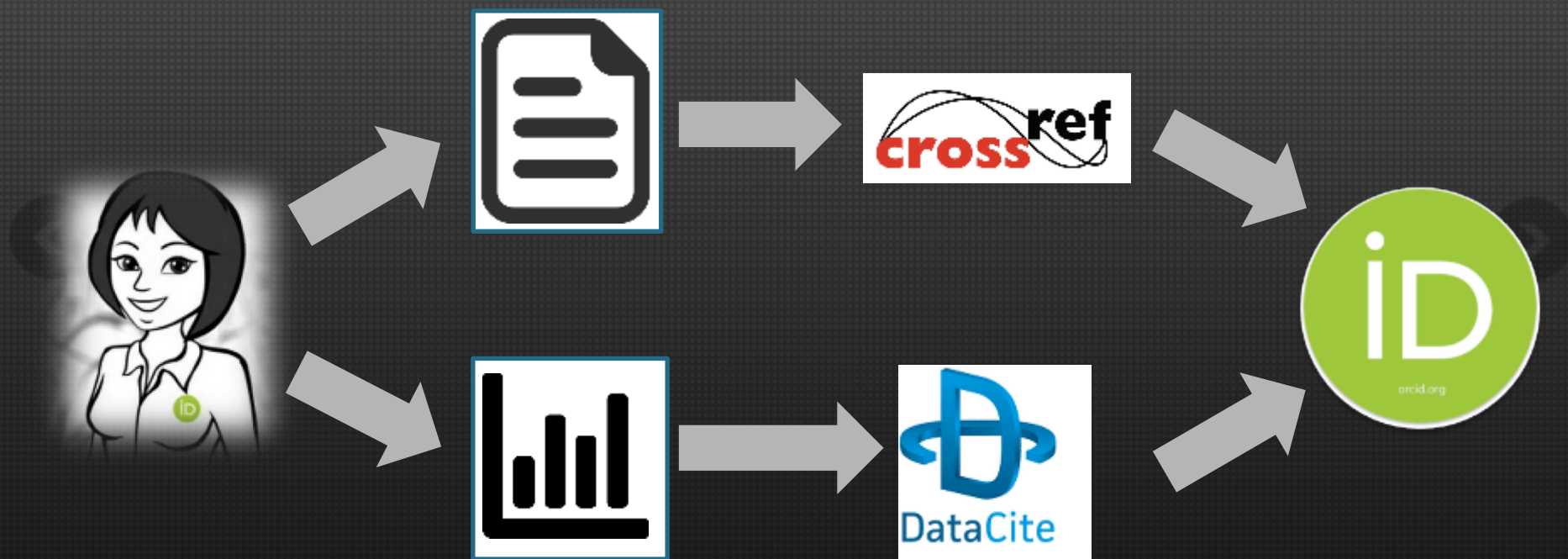
# Regional & national approach

- *Austria*: Funder requirement 2016
- *Italy*: National consortium 2015
- *Finland*: National recommendation 2015
- *Australia*: National recommendation 2015
- *Denmark*: University launch 2014
- *Spain*: Launched 2 consortia in 2014
- *Portugal*: Funder requirement 2013
- *Sweden*: National recommendation 2013
- *UK*: National recommendation 2013, pilot 2014, consortium 2015



# Metadata auto-updates

The metadata “round trip” enables auto-updates  
for systems linked to the ORCID registry



<http://orcid.org/blog/2015/01/13/new-webinar-metadata-round-trip>



- すでに18万件の雑誌論文が、著者のORCID iDと共に CrossRef経由でDOIを付与されています。
- これらの論文情報は、2015年末までに各著者の出版業績としてORCIDレジストリに反映される予定です。
- ORCID iDを論文投稿時に記載すれば、ORCIDレジストリはもとより、同期するすべてのシステムで出版業績のマニュアル入力が不要となります。

- ORCID is an **interdisciplinary** effort
- We have an **international** scope
- ORCID provides a foundation for services that **improve scholarly communications for *all researchers***





# Are you ready?







Nobuko Miyairi  
ORCID Regional Director, Asia Pacific  
[n.miyairi@orcid.org](mailto:n.miyairi@orcid.org)