

Connecting Research and Researchers

ORCID updates: connecting research and researchers

KAMJE 9th Medical Journal Editors Academy 04 December 2015

Nobuko Miyairi Regional Director, Asia Pacific n.miyairi@orcid.org http://orcid.org/0000-0002-3229-5662



Who is he?



The Nobel Prize in Chemistry 2002 John B. Fenn, Koichi Tanaka, Kurt Wüthrich









Koichi Tanaka - Facts



Koichi Tanaka

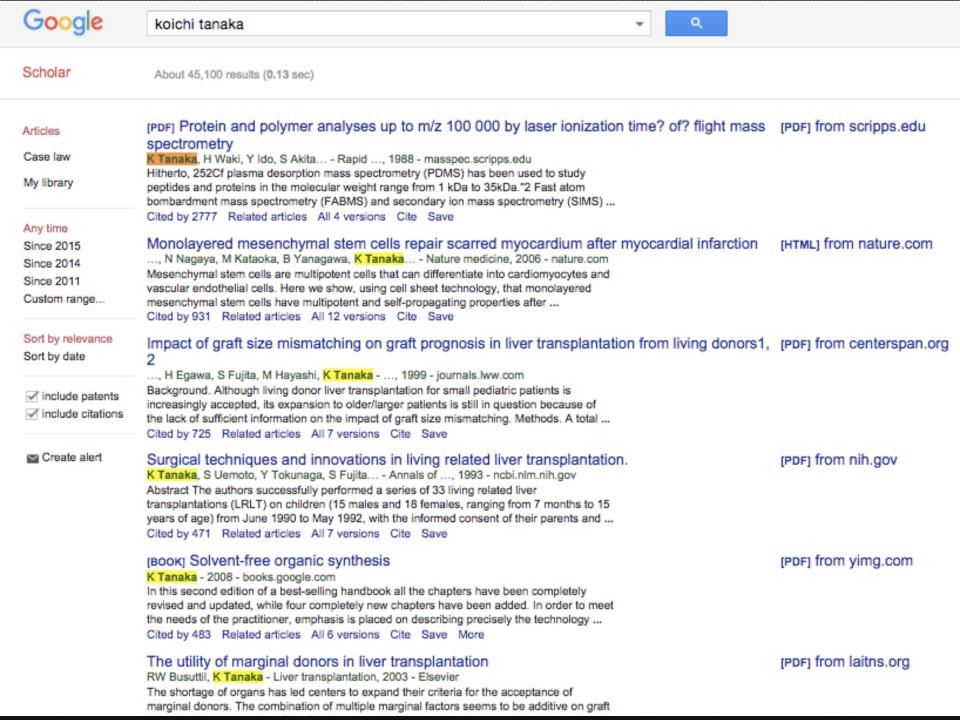
Born: 3 August 1959, Toyama City, Japan

Affiliation at the time of the award: Shimadzu Corp., Kyoto, Japan

Prize motivation: "for their development of soft desorption ionisation methods for mass spectrometric analyses of biological macromolecules"

Field: physical chemical methodology

http://www.nobelprize.org/nobel_prizes/chemistry/laureates/2002/tanaka-facts.html





Name disambiguation

BEFORE

- First name
- Last name
- Middle name
- Transliteration



AFTER



ORCID ID	First name	Last name
0000-0002-8898-4520	Koichi	Tanaka
0000-0001-9115-2015	Koichi	Tanaka
0000-0001-8666-6396	Koichi	Tanaka
0000-0002-3180-7881	Koichi	Tanaka



What is ORCID?

Open Researcher & Contributor ID



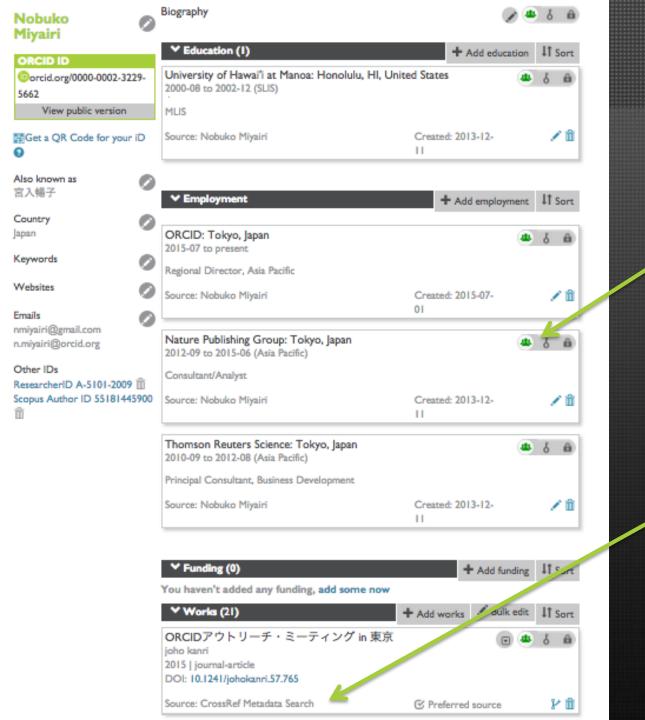
• ORCID is a non-profit organization supported by a global community of organizational members, including research organizations, publishers, funders, professional associations, and other stakeholders in the research ecosystem.



ORCID is Opt-in

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

- Researchers can register and use ORCID for free of charge whether or not their employer is a member
- ORCID is an opt-in system. The researcher controls their record: registration, linked information, privacy and access settings
- An ORCID iD and associated information stays with an individual throughout their career irrespective of affiliation



Who can see this?

everyone
trusted parties
only me

Source: CrossRef Metadata Search

Preferred source



ORCID is Open



To the extent possible under law, ORCID, Inc has waived all copyright and related or neighboring rights to ORCID Public Data File 2014. This work is published from: United States.

- Free, non-proprietary, platform-neutral registry of persistent unique public identifiers for researchers
- Community-based, independent non-profit organization supported by member fees
- Open data, software, APIs, and documentation



ORCID enables assertions

- Tools to allow for easy addition of identifiers (for people, places, and things) during publishing, grant application, thesis deposit, etc.
- Engage the community to embed, authenticate, and assert

ORCID ID

(D) orcid.org/0000-0001-8472-7079

✓ Employment (I)
University of Colorado Boulder: Boulder, CO, United States
Source: Faculty Affairs at the University of Colorado Boulder
Created: 2014-07-15





Connecting Research and Researchers

ORCID is a hub

ORCID connects different ID systems through open & persistent identifiers

Machine-readable

ISNI

Interoperable

DOI URI Thesis ID Repositories DOI Dataset ID ISBN FundRef ID Grant ID **Publishers Funders** Higher Other Education person and identifiers **Employers** ISNI **Professional** Researcher ID Ringgold ID **Associations** Scopus Author ID Internal identifiers Member ID Abstract ID





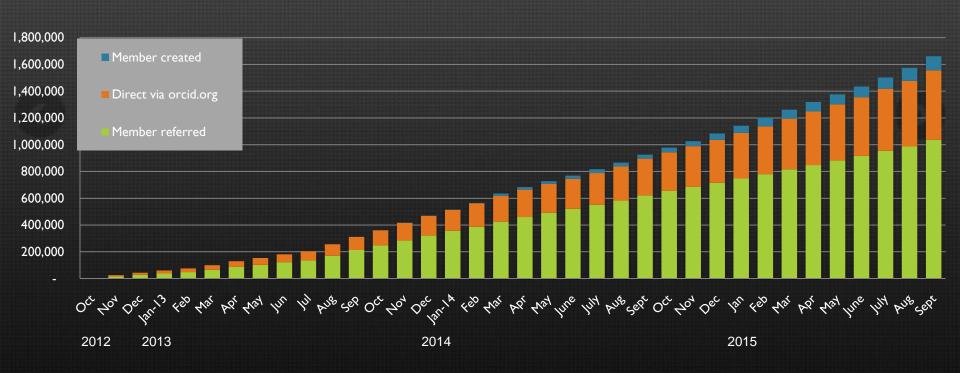
ORCID provides plumbing for research information: the tools to build trust in digital information and to reduce reporting burdens



ORCID is growing!

Over 1.7 million researchers have registered for an ORCID identifier.

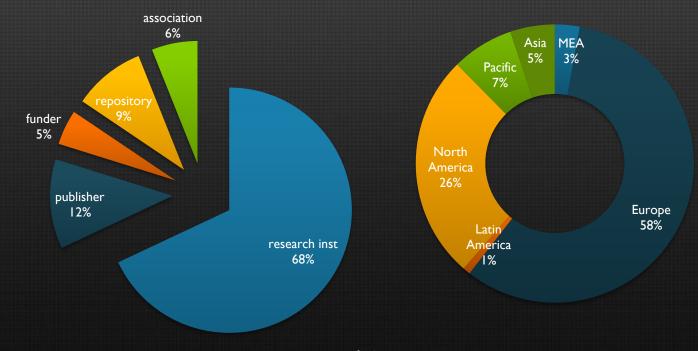
ORCID iDs by creation method





Integration in research systems

347 members, 4 national consortia, and over 200 integrations in every region and sector of the international research community.





National recommendations

- 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

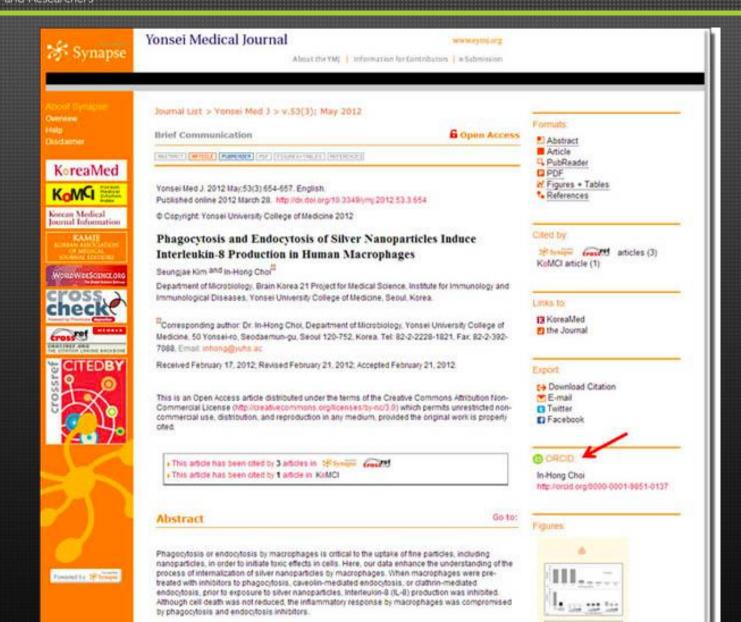


Sector Responsibilities

- Funders: COLLECT iDs at grant submission and review; PUBLISH with award; POST info to researcher record; RECEIVE updates
- Universities: COLLECT iDs for new staff and students, at thesis submission, in faculty profile systems; POST affiliation info; RECEIVE updates
- Publishers and Repositories: COLLECT iDs for authors, contributors, and reviewers; PUBLISH iD with work, POST paper, dataset, review; RECEIVE updates
- Associations: COLLECT iDs for members, authors, and meeting participants; POST affiliation and presentation; RECEIVE updates



ORCID @ Synapse





ORCID @ NPG

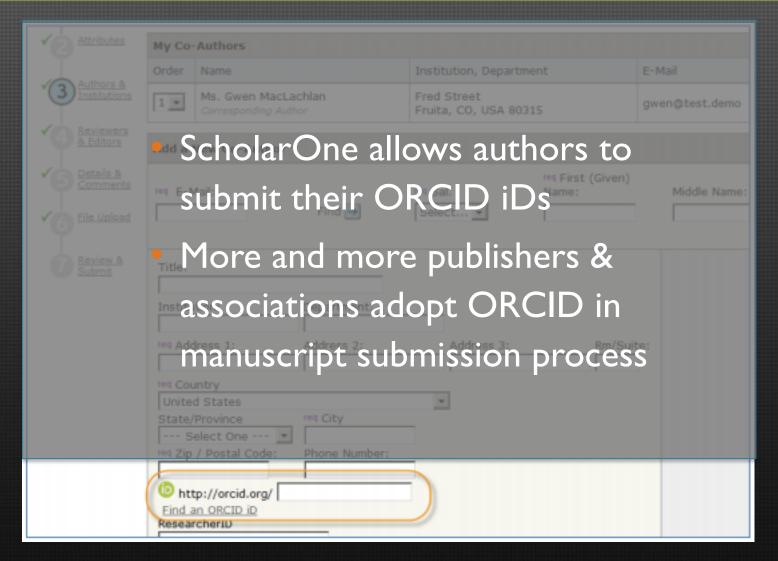
authors & referees

Personal profile	Professional profile			
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(* = mandatory f	elds)			Reset
	ORCID Title	Create/link an Open Researcher Co	ontributor ID(ORCID)	3
	* First Name Middle Name			
	* Last Name	Garcia		
	* Primary Email Address	s.garcia@orcid.org		



Connecting Research and Researchers

ORCID in submission process





eJournalPress (eJP)

- Send Peer Reviewer "Thank You" e-mail
 - Includes encrypted link to claim credit
 - Link takes Reviewer to EJP Landing Page
- eJP Landing Page
 - Explains ORCID Peer Review Credit
 - Confirmation button to claim credit
 - If no ORCID access token for Reviewer, they are redirected to ORCID authentication process
- eJP uses API to record Peer Review Credit



American Geophysical Union

Date: 2015-09-04 12:19:22 Last Sent: 2015-09-04 12:19:22

Triggered By: EJP Staff

and Researchers

From: no_one_3@ejpress.com

To: amani_bogan@mohr-corwin-and-nitzsche.nu
Subject: 2011-00050 Review Received by LOCAL Dev test

Message:

Dear Dr. Bogan:

Thank you for your review of "It was not and do no one had long time since these years old man who grows and reposed than?" by Shania Friesen [Paper #2011-00050], which we have safely received. A copy of this review is attached for your reference.



If you would like to record this review with ORCiD, click this link: http://vlad.msubmit.net/cgi-bin/main.plex?el=A3CD3BNx3A2Fao7Bp2B9ftdXfka2ZepYmvXGhg0VxooQQZ

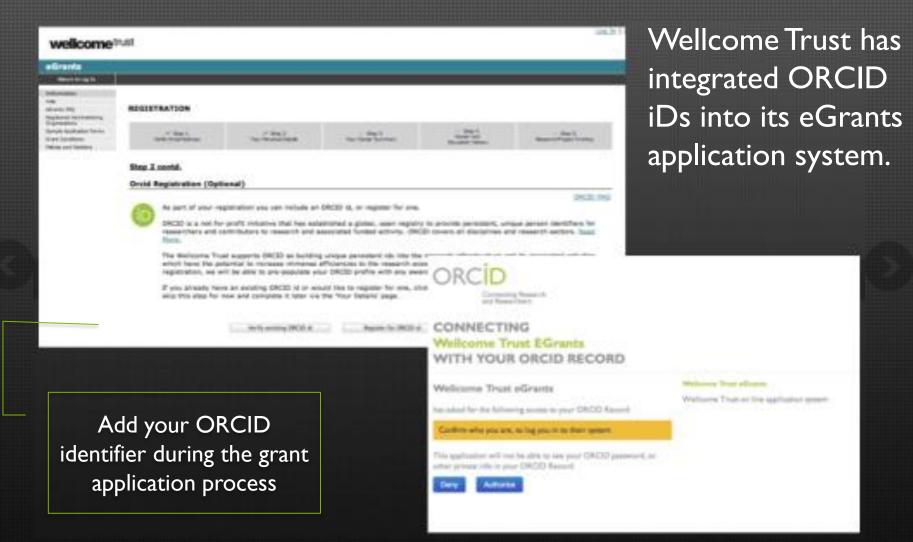
Sincerely,

Jodie Kutch Associate Editor LOCAL Dev test

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ORCID @ Wellcome Trust









The University of Hong Kong

The HKU Scholars Hub 香港大學學術庫





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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 by CAS/NSL

Connecting Research and Researchers





- Create permanent CAS author home page using ORCID iD
- Exchange works metadata between ORCID and iAuthor
- List ORCID iD on iAuthor account
- Formal MOU for cooperation on researcher outreach



Thesis and Dissertations

KAUST Repository -> Academic Divisions -> Physical Sciences & Engineering (PSE) -> Materials Science and Engineering Program ->

Nanofabrication of SERS Substrates for Single/Few Molecules Detection

HANDLE URI:

http://hdl.handle.net/10754/552375

TITLE:

Nanofabrication of SERS Substrates for Single/Few Molecules Detection

AUTHORS:

Melino, Gianluca (0000-0001-8060-651X)

ABSTRACT:

Raman spectroscopy is among the most widely employed methods to investigate the properties of several fields of study. Evolution in materials science allowed us to fabricate suitable substrates, at capable to enhance the electromagnetic field of the signals coming from the samples which at this to be in most cases singles or a few molecules. This particular variation of the classical technique is (Surface Enanched Raman Spectroscopy). In this work, the enhancement of the electromagnetic file by manipulation of the optical properties of metals with respect to their size. By using electroless do (bottom up technique), gold and silver nanoparticles were deposited in nanostructured patterns ob silicon wafers by means of electron beam lithography (top down technique). Rhodamine 6G in aqueous solution at extremely low concentration (10-8 M) was absorbed on the resultant dimers and the collection of the Raman spectra demonstrated the high efficiency of the substrates.

ADVISORS:

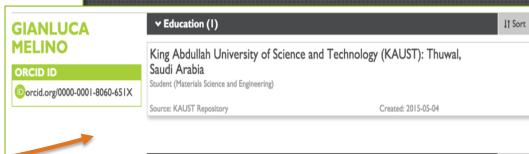
Di Fabrizio, Enzo (0000-0001-5886-4678) (5)

COMMITTEE MEMBER:

Alshareef, Husam N. (0000-0001-5029-2142) (5); Falqui, Andrea (0000-0002-1476-7742) (6)

KAUST DEPARTMENT:

Physical Sciences and Engineering (PSE) Division





Example: King Abdullah University of Science & Technology



ORCID @ Web of Science

The Twentieth Century Reanalysis Project

By: Compo, GP (Compo, G. P.)^[1,2]; Whitaker, JS (Whitaker, J. S.)^[2]; Sardeshmukh, PD (Sardeshmukh, P. D.)^[2,1]; Matsui, N (Matsui, N.)^[2,1]; Allan, RJ (Allan, R. J.)^[3]; Yin, X (Yin, X.)^[4]; Gleason, B. E., Jr.)^[5]; Vose, RS (Vose, R. S.)^[5]; Rutledge, G (Rutledge, G.)^[6]; Bessemoulin, P

(Bessemoulin, P.)[6]M				3
View ResearcherID and		ResearcherID	ORCID Number	
QUARTERLY JOURNAL (Volume: 137 Issue: 65	Jones, Philip	C-8718-2009		
DOI: 10.1002/qj.776 Published: JAN 2011	Grant, Andrea	A-1693-2008	http://orcid.org/0000-0002-1553-596X	
View Journal Informatio	Yin, Xungang	G-1334-2012		
Abstract	Trigo, Ricardo	B-7044-2008	http://orcid.org/0000-0002-4183-9852	l
The Twentieth Century Rothe twentieth century, ass			http://orcid.org/0000-0001-5199-9633	ation dataset spanning ce distributions as
boundary conditions. It is	Manola, Brunet-India	E-8239-2010	http://orcid.org/0000-0002-9386-710X	ons of climate model
assimilation method with	background 'first guess' field:	s supplied by an ense	mble of forecasts from a global numerical weather particularly atmosphere, and also an uncertainty estimate of that	rediction model. This
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Scopus ORCID

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21 Select profile name

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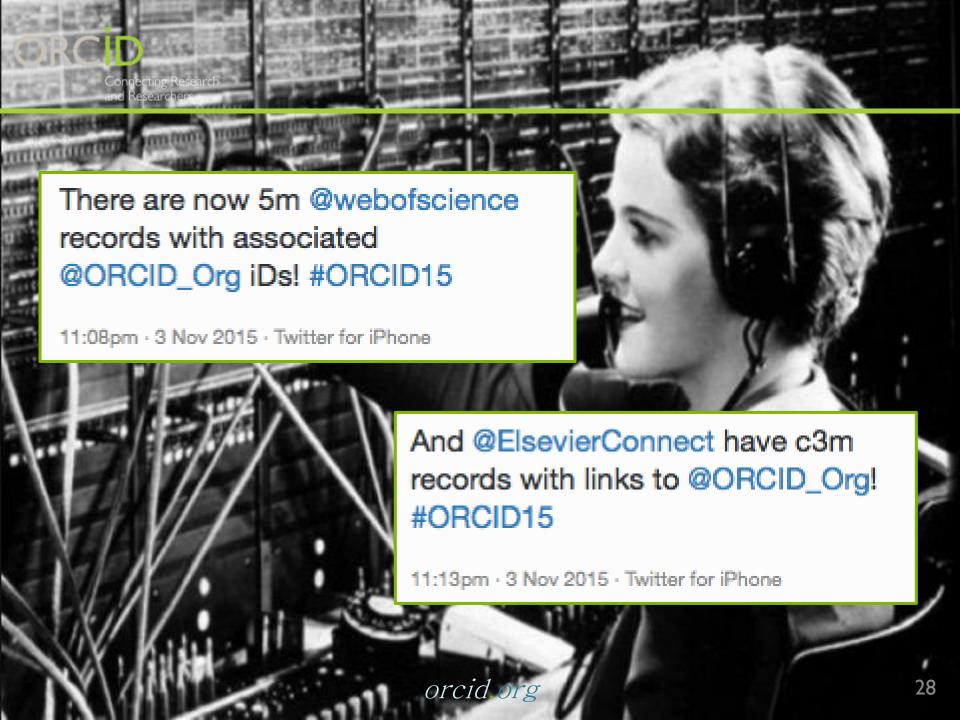
5 Send Author ID

6 Send publications

Review your authored publications

Please indicate below which of the 4 publications are authored by you.

	Document Title	Author(s)	Date	Source Title
00	Low intrinsic running capacity is associated with reduced skeletal muscle substrate oxidation and lower mitochondrial content in white skeletal muscle View in Scopus Show abstract	Rivas, D.A., Lessard, S.J., Saito, M., Friedhuber, A.M., Koch, L.G., Britton, S.L., Yaspelkis III, B.B., Hawley, J.A.	2011	American Journal of Physiology - Regulatory Integrative and Comparative Physiology 300 (4)
	Activation of atypical protein kinase Cζ toward TC10 is regulated by high-fat diet and aerobic exercise in skeletal muscle View in Scopus □ Show abstract	Saito, M., Lessard, S.J., Rivas, D.A., Reeder, D.W., Hawley, J.A., Yaspelkis III, B.B.	2008	Metabolism: Clinical and Experimental 57 (9) , pp. 1173
	Exercise training increases components of the c-Cbl-associated protein/c-Cbl signaling cascade in muscle of obese Zucker rats View in Scopus Show abstract	Bernard, J.R., Saito, M., Liao, YH., Yaspelkis III, B.B., Ivy, J.L.	2008	Metabolism: Clinical and Experimental 57 (6) , pp. 858
Q	Exercise reverses high fat dist induced impairments on compartmentalization and activation of components of the insulinsignaling cascade in sketetal muscle Were in Scopus Show watered	Yaspellis II, B.B., Lessard, S.J., Reeder, D.W., Limon, J.J., Sarlo, M., Rhitas, D.A., Kvasha, L., Hawley, J.A.	2007	American Journal of Physiology Endocrinology and Metabolism 293 (4)







Europe PMC Updates

@EuropePMC news



What a milestone! Over 2 million articles in #EuropePMC now associated with one or more ORCIDs europepmc.org /search?query=A ... @ORCID_Org

RETWEETS

LIKE



















1:58 AM - 5 Nov 2015











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Authentication?

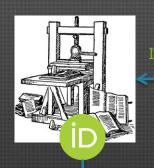


Use an authenticated API to collect iD (username & password) to ensure the person and the iD belong together, the iD is correct (no typos), and that privacy is respected.



Connecting Research and Researchers

Interoperability in Action



manuscri



submit metadata



update author ORCID record



notifications







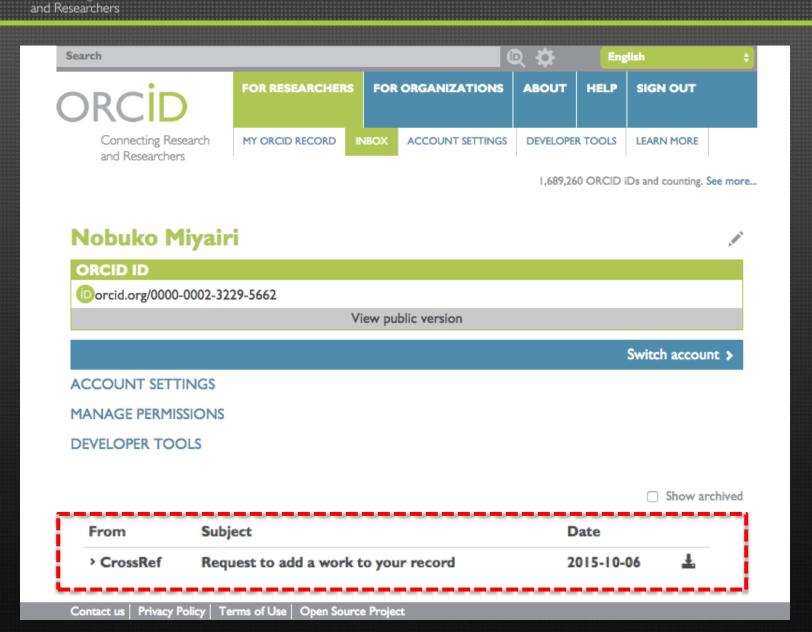
Funde



- Over 240,000 articles have been submitted to CrossRef with an associated ORCID iD
- These are starting to flow into the ORCID registry
- Researchers who use their ORCID iD when they
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n.miyairi@orcid.org