



# Credit and accountability: ORCID as a tool for research assessment

Veronique Kiermer  
Executive Editor, PLOS  
Chair, ORCID Board  
Stockholm | May 2017

# Integrating ORCID iDs in publishing workflows



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RESEARCH ARTICLE

# Two new ootaxa from the late Jurassic: The oldest record of crocodylomorph eggs, from the Lourinhã Formation, Portugal

João Russo, Octávio Mateus, Marco Marzola, Ausenda Balbino

jpvmrusso@gmail.com

**Affiliations:** GeoBioTec, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, Caparica, Portugal, Museu da Lourinhã, Lourinhã, Portugal

<http://orcid.org/0000-0001-7730-1395>

Material and methods

Results

Discussion

The Late Jurassic Lourinhã Formation is known for its abundant remains of dinosaurs, crocodylomorphs and other vertebrates. Among this record are nine localities that have produced either dinosaur embryos, eggs or eggshell fragments. Herein, we describe and

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# Publishers “Open Letter”

In January 2016, a coalition of publishers signed an Open Letter committing to start requiring ORCID IDs in 2016.

1. Implement best practices for ORCID **collection**
2. Commit to **auto-update the ORCID records** upon publication
3. Require ORCID IDs for corresponding authors and encourage for co-authors

8 original signatories, now 27!



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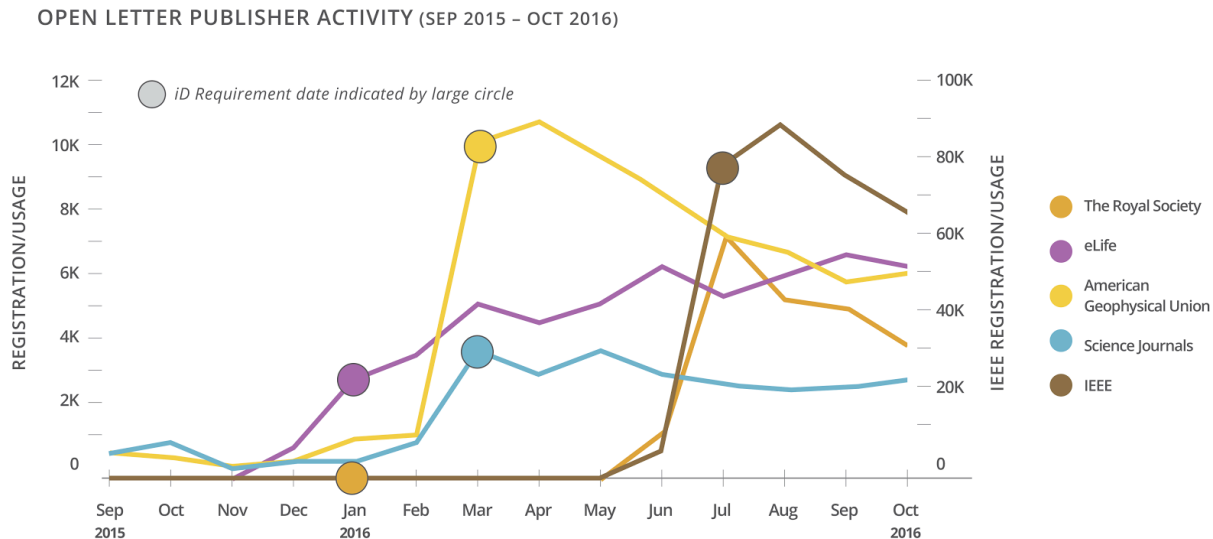


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<https://orcid.org/content/requiring-orcid-publication-workflows-open-letter>



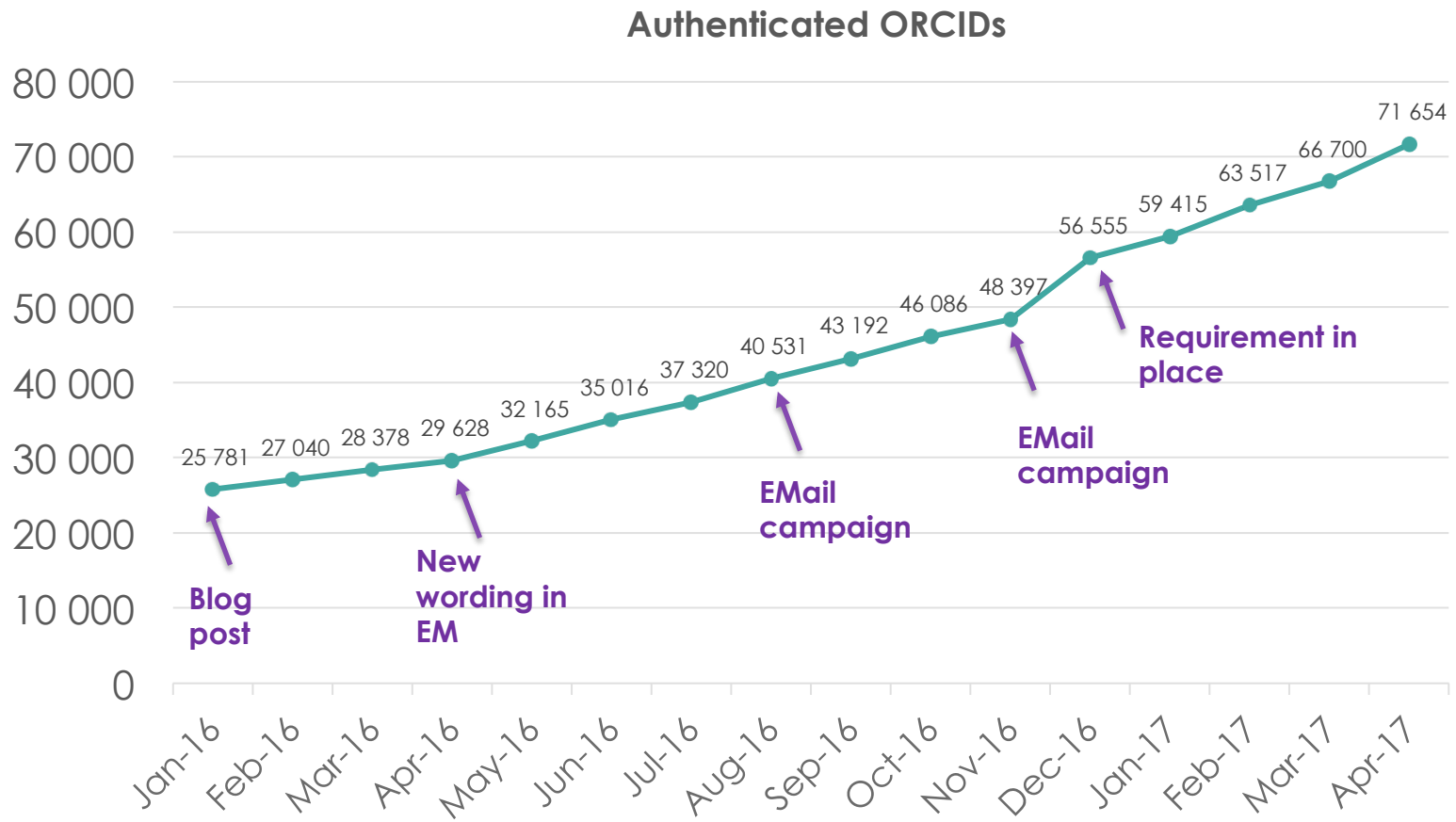
## 27 Publishers requiring ORCID, and counting

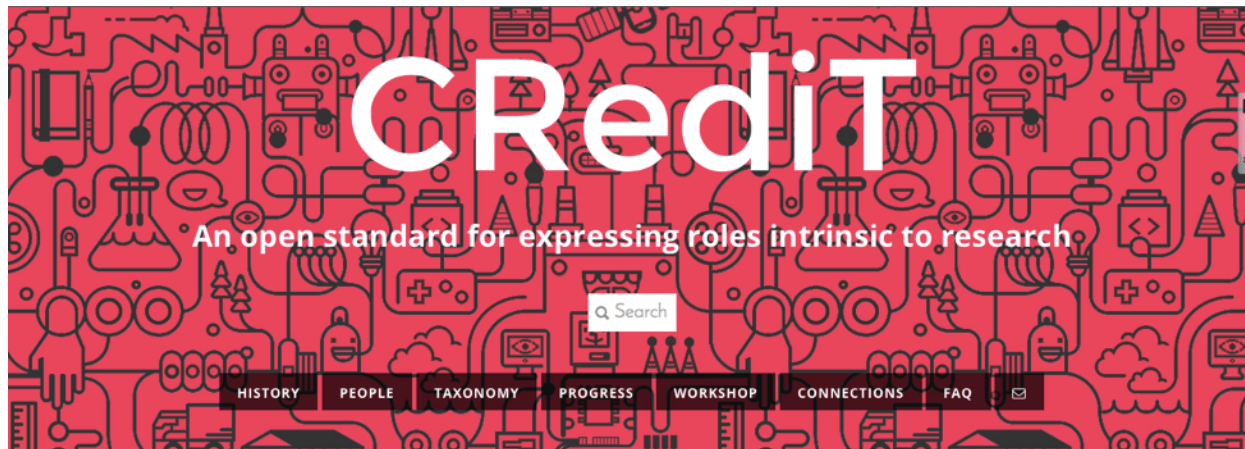


By end 2016:  
**1,556 journals**  
require  
ORCID iDs

Since the open letter was published, over **250,000** articles have included ORCID iDs in their Crossref submission

# PLOS' sustained campaign





An open standard for expressing roles intrinsic to research





# CRediT: a taxonomy of contributions

<b>Conceptualization</b>
<b>Methodology</b>
<b>Software</b>
<b>Validation</b>
<b>Formal Analysis</b>
<b>Investigation</b>
<b>Resources</b>
<b>Data Curation</b>
<b>Writing – Original Draft Preparation</b>
<b>Writing – Review &amp; Editing</b>
<b>Visualization</b>
<b>Supervision</b>
<b>Project Administration</b>
<b>Funding Acquisition</b>

- Includes but is not limited to traditional author roles
- Not intended to define authorship
- Human- and machine-readable

<http://casrai.org/CRediT>

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RESEARCH ARTICLE

# Smek promotes corticogenesis through regulating Mbd3's stability and Mbd3/NuRD complex recruitment to genes associated with neurogenesis

Byoung-San Moon, Hyung-Mun Yun, Wen-Hsuan Chang, Bradford H. Steele, Mingyang Cai, Si Ho Choi, **Wange Lu**

Published: May 3, 2017 • <https://doi.org/10.1371/journal.pbio.1005389>

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Authors

**Roles:** Conceptualization, Funding acquisition, Project administration, Supervision, Writing – review & editing

[wangelu@usc.edu](mailto:wangelu@usc.edu)

**Affiliation:** Broad Center for Regenerative Medicine and Stem Cell Research, Department of Stem Cell Biology and Regenerative Medicine, Keck School of Medicine, University of Southern California, Los Angeles, California, United States of America

<http://orcid.org/0000-0001-5848-3189>

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Abstract

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Introduction

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Abstr

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CpG-b...  
neuronal differentiation of NPCs. we found that Smek promotes Mbd3 polyubiquitination and

# Data citations



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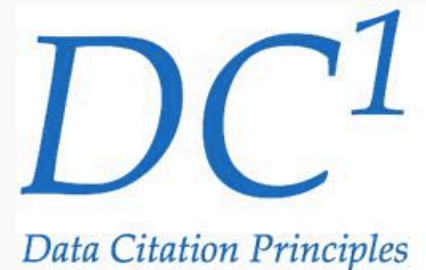
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### ENDORSEMENT LIST

#### PREAMBLE

Sound, reproducible scholarship rests upon a foundation of robust, accessible data. For this to be so in practice as well as theory, data must be accorded due importance in the practice of scholarship and in the enduring scholarly record. In other words, data should be considered legitimate, citable products of research. Data citation, like the citation of other evidence and sources, is good research practice and is part of the scholarly ecosystem supporting data reuse.

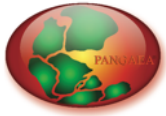




# THOR project

EU-funded project:  
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Humans and Objects of Research

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# Next-generation metrics: Responsible metrics and evaluation for open science

Report of the European Commission Expert Group on Altimetrics  
March 2017

## **RECOMMENDATION #8:**

**The European research system and Open Science Cloud should adopt ORCID as its preferred system of unique identifiers, and an ORCID ID should be mandatory for all applicants and participants in FP9.** Unique identifiers for individuals and research works will gradually improve the robustness of metrics and reduce administrative burden. ORCID provides researchers with a unique ID and associates this ID with a regularly updated list of publications. It is already backed by a growing number of funders across Europe (<http://about.orcid.org/>). The EC and ERC should utilise ORCID IDs for grant applications, management and reporting platforms, and the benefits of ORCID need to be better communicated to researchers and other stakeholders (Galsworthy & McKee, 2013).

Let's go from this...

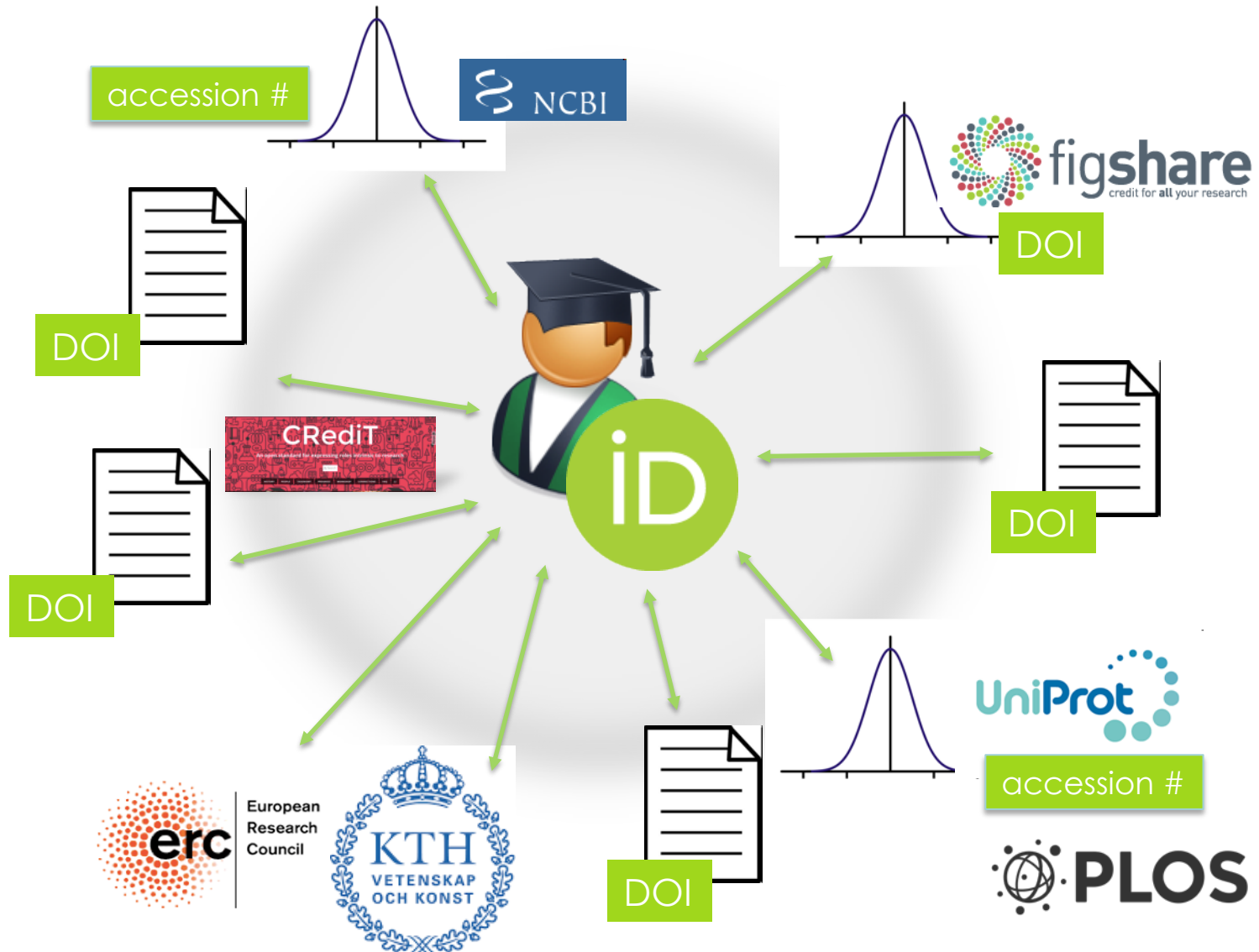
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...to an author-centric view





Thanks for listening!

[vkiermer@plos.org](mailto:vkiermer@plos.org)



[orcid.org/0000-0001-8771-7239](https://orcid.org/0000-0001-8771-7239)

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