

Open Access Open Research Data

Seminar - 28th March 2023



Marta Jordán. Biblioteca de Ciència i Tecnologia



Contents

Open access to research publications

- Open access routes
- Creative Commons Licenses
- Publishers' policies
- CRAG guidelines

Open research data

- What is it? Benefits
- FAIR principle
- Good practices
- CRAG guidelines

Open access routes



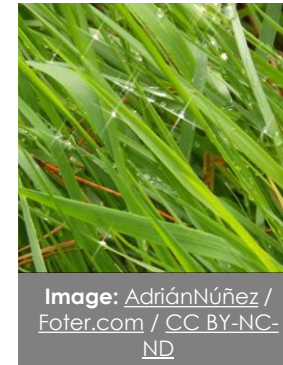
Diamond



Gold



Bronze



Green

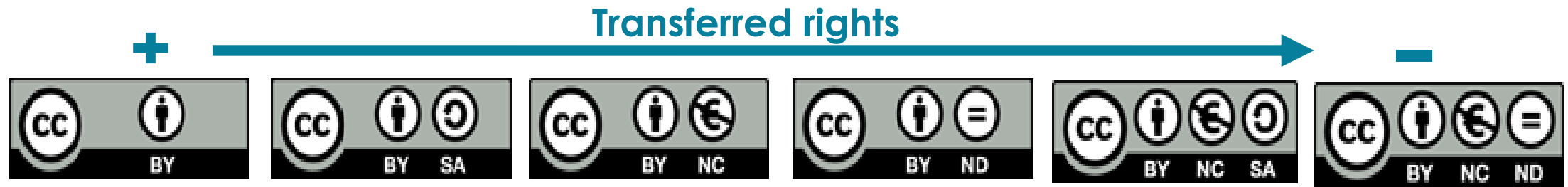
Bronze and green... how can be open?

A trusted digital repository is one whose mission is to provide **reliable, long-term access to managed digital resources** to its designated community, now and in the future.

OCLC - 2002

The hybrid route

Creative Commons licenses



- **BY – Attribution.** Authorship must be properly recognized, link to license is required and any changes must be indicated.
- **NC – Non Commercial.** Commercial use of derived works is not allowed.
- **SA – Share Alike.** Any derived work must have the same license as the original.
- **ND – No Derivatives.** Transformation of the original is not allowed.

Publishers' self-archiving policies



SHERPA/ROMEIO

<http://www.sherpa.ac.uk/romeo/>

Journal of Plant Physiology

Publication Information

Title	Journal of Plant Physiology [English]
ISSNs	Print: 0176-1617
URL	http://www.elsevier.com/journals/journal-of-plant-physiology/0176-1617
Publishers	Elsevier [Commercial Publisher]

Publisher Policy

Open Access pathways permitted by this journal's policy are listed below by article version. Click on a pathway for a more detailed view.

Published Version [pathway a]	None CC BY-NC-ND	Any Website, Journal Website, +4	+
Published Version [pathway b]	None CC BY	Any Website, Journal Website, +5	+
Published Version [pathway c]	None CC BY PMC	Any Repository, Subject Repository, Journal Website, +4	+
Accepted Version [pathway a]	None CC BY-NC-ND	arXiv, RePEc, Author's Homepage	+
Accepted Version [pathway b]	24m CC BY-NC-ND	Institutional Repository, Subject Repository	+
Accepted Version [pathway c]	12m CC BY-NC-ND	Institutional Repository, Subject Repository	+
Submitted Version	None	Any Website, +2	+

Image: <https://v2.sherpa.ac.uk/id/publication/14075>

Publisher's information

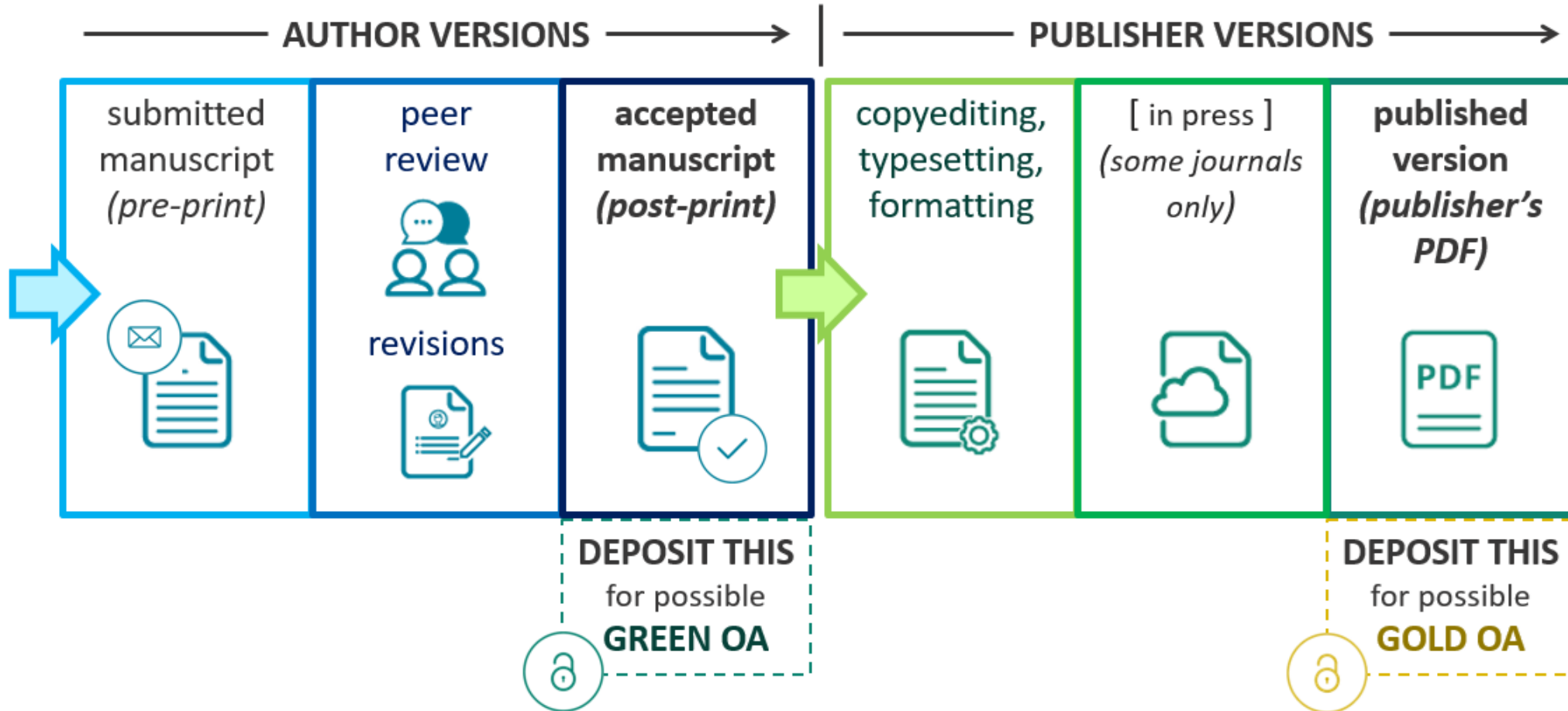
✓ Publisher's website (authors guidelines, open access section or sharing policy section)



✓ Copyright Transfer Agreement

WILEY

Article versions





1 **Phytochrome-imposed inhibition of PIF7 activity shapes photoperiodic growth**
2 **in Arabidopsis together with PIF1, 3, 4 and 5**
3 Pablo Leivar^{1,2,a,b}, Guiomar Martin¹, Judit Soy¹, Jutta Dalton-Roesler³, Peter H. Quail³, and Elena
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15
16 Running Title:

17 PIF7 and PIFq regulation of photoperiodic growth
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Fine mapping of the peach pollen sterility gene (*Ps/ps*) and detection of markers for marker-
assisted selection

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Abstract

In peach, pollen sterility, expressed as absence of pollen in the anthers, segregates as an undesired trait in

**Proper
Accepted
Version**

Open access publishing incentives

UAB researchers enjoy the agreements with some publishers to publish in 5.500 journals free of charge (the UAB pays the cost of the APCs).

This journal list is composed predominantly by Hybrid journals.



WILEY



More information: <https://www.uab.cat/web/research/open-access-uab/funding-to-publish-in-open-access-1345692532472.html>

Grant agreements and publishers' policies

Before submitting the article, you must check if the publisher policy fulfils the requirements about open access required by your funder.



Open Research Europe

What is ORE?

ORE is an open access publishing platform created and maintained by the European Commission.

It is a service offered to authors with a Horizon 2020 or Horizon Europe agreement.

It works with an open peer review process.

What isn't ORE?

ORE **is not** a journal. But it is indexed in Google Scholar, PubMed, Scopus and other databases

Example: <https://doi.org/10.12688/openreseurope.13104.2>

+

info: <https://open-research-europe.ec.europa.eu>

CRAG and the UAB institutional repository



The header of the UAB institutional repository website. On the left, there is a logo for 'dipòsit digital de documents de la UAB' consisting of three green cubes with the letter 'D' on them. To the right of this logo is the text 'dipòsit digital de documents de la UAB'. Further right is the UAB logo (Universitat Autònoma de Barcelona) and a user profile 'martajordan :: logout'. Below these elements is a green navigation bar with links: Home, Search, Submit, Help, Personalize, Administration, Library Service, About DDD, Català, English, and Español.

Home > Research literature > UAB research groups literature > Research Centres and Groups (research output) > Experimental sciences > CRAG (Centre for Research in Agricultural Genomics)

CRAG (Centre for Research in Agricultural Genomics)



The CRAG is devoted to leading-edge research in the molecular basis of genetic characters of interest in plants and farm animals and in the applications of molecular approaches for breeding of species important for agriculture and food production. Research at CRAG spans from basic science to applied studies in close collaboration with industry.

- Research Articles
- Dissemination Articles
- Doctoral theses
- Books and Book chapters

Search 508 records for:

[Search Tips
Advanced Search](#)

<https://ddd.uab.cat/collection/crag>

CRAG Guidelines

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What is it?

According the European Comission:

- Refers to information, **facts** or **numbers**
- Collected to be **examined** and **considered**
- As a basis for **reasoning**, **discussion** or **calculation**

What data should be open?

According the European Commission:

1. "the **underlying data** (the data needed to validate the results presented in scientific publications), including the associated metadata (i.e. metadata describing the research data deposited), as soon as possible"

2. **any other data** (for instance curated data not directly attributable to a publication, or raw data), including the associated metadata, as specified and within the deadlines laid down in the DMP – that is, according to the individual judgement by each project/grantee"

Regarding this point 2, you can consider at least the kind of data that has specific well-known repositories

Open research data benefits

- **Research transparency**
- Data **sharing** and **reusing**
- **Optimisation** of time, costs and efforts
- **Collaboration** and **discussion**
- **DOI** identification
- **Impact** increase
- Reinforces the **open science**

FAIR principles



Findable:

- ✓ Persistent identifier: DOI (preferably) and/or URI
- ✓ Publication in institutional or subject repositories. Data must be described according to international standards.
- ✓ All data registered in repositories must be indexed and searchable

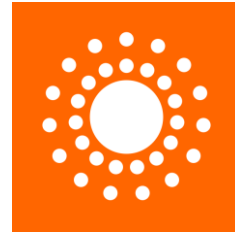
FAIR principles



Accessible:

- ✓ Data and metadata retrievable and harvestable: repositories must work with open and standard communication protocols

FAIR principles



Interoperable:



- ✓ International standards for metadata description (Dublin Core, DataCite...) must be fulfilled



Examples:

CORA RDR: <https://doi.org/10.34810/data174>

Zenodo: <https://doi.org/10.5281/zenodo.4571628>

Images:

Dublin Core: <https://dublincore.org/>

DataCite: <https://datacite.org/>

ISO: <https://www.iso.org>

FAIR principles



Reusable:

- ✓ Data described in detail: origin, date of collection, environmental circumstances, observations...
- ✓ Subject area standards for description must be employed. If this is not possible, it is necessary the use of a recognized general standard.
- ✓ Every dataset with a Creative Commons license, or a Public Domain license

Good practices

- ✓ A README file with all the dataset details (contents of every file, units of measurement, how the data were obtained, etc.) UAB template: <https://ddd.uab.cat/record/226740>
- ✓ Recognizable file names (it is better to employ some kind of convention)
- ✓ Files in open formats (txt, csv, pdf, LaTeX, jpg, MP3...)
- ✓ Cite all the data employed in your research: third-party data and your own data as well

Good practices

- ✓ Each dataset must have **only one DOI**
- ✓ Indicate, in the research article, the DOI of the dataset

Data Availability Statement

The paper provides all the information needed to replicate the results. All experimental data related to the analysis performed can be downloaded from <https://doi.org/10.5281/zenodo.3820500>.

Image: <https://doi.org/10.1029/2020WR027228>

DATA AVAILABILITY

RNA-seq raw and processed data generated in this study can be found in GEO (GSE198022). All code used for analysis can be found at <https://doi.org/10.34810/data174>.

Image: <https://doi.org/10.1016/j.molp.2022.04.010>

Data availability

The data that support the findings of this study are available from the corresponding author, NSC, upon reasonable request.

Image: <https://doi.org/10.1093/jxb/eraa610>

Datasets vs additional material

- ✓ The additional material complements the article

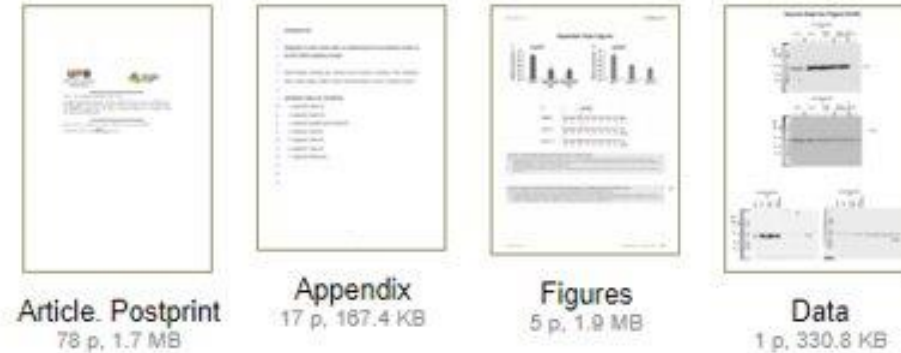


Image: <https://ddd.uab.cat/record/236284>

- ✓ Datasets are independent documents with their own DOI identifier

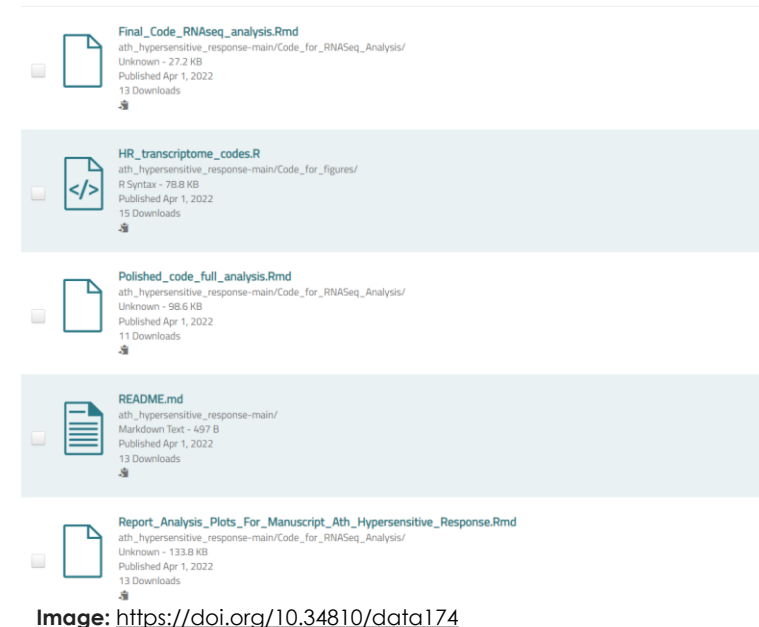
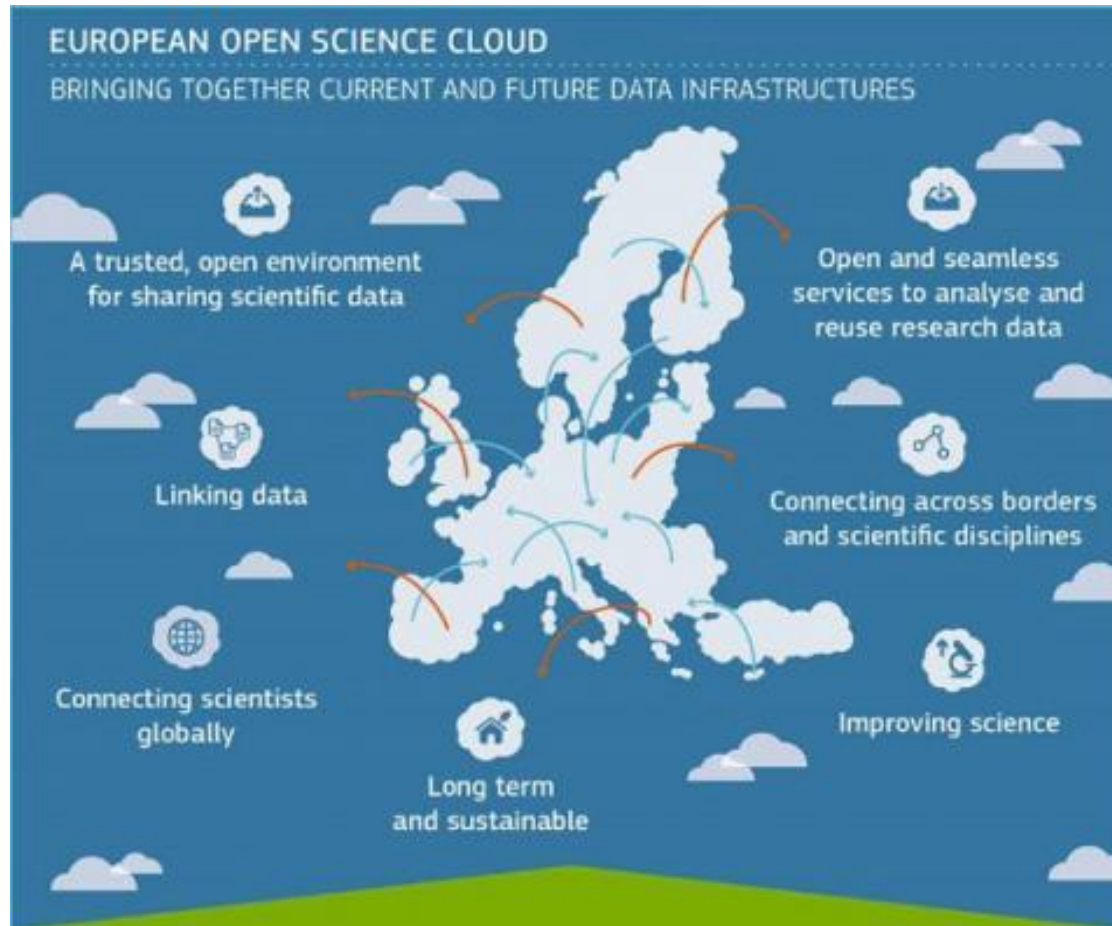


Image: <https://doi.org/10.34810/data174>

European Open Science Cloud



<https://eosc-portal.eu/>

Grant agreements and research data

You must check your funder requirements about open research data.



CRAG Guidelines








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Thank you!

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-  [@bibliotequesUAB](https://twitter.com/bibliotequesUAB)
-  [@biblioteques_UAB](https://www.instagram.com/biblioteques_UAB)