

# Peer Community In & Peer Community Journal



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From preprint recommendation to Diamond  
Open Access publication



PCI

# Scientific publishing

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## Too long

Cascade of submissions/rejections  
Sometimes between 1 or 2 years between submission and publication



## Opaque

Evaluation reports and editor's name not published  
Data, scripts and codes often not published  
Conflicts of interest not disclosed  
70% of articles are behind paywalls



## Pernicious

The income of the publisher depends directly on the number of articles accepted



## Too expensive

9 billion € / 3 millions articles = 3000 € / article (France: ~ 150 M € /year)  
Extraordinary profit margin (35-40% for the 5 big publishers)



## Researchers do nearly everything...for free

As authors, editors, reviewers,  
they write, evaluate, edit, proofread

Re-appropriate the publication  
system:

Peer Community In  
&  
Peer Community Journal

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# Peer Community In & Peer Community Journal

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A double publication system



Peer Community In  
"PCI"

Peer Reviewed and  
recommended preprints



Peer Community Journal  
"PCJ"

Diamond Open Access  
generalist journal

## The aim of PCI

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**Communities of researchers** handling the **evaluation** of (through peer review) and **recommending preprints** in their scientific field.

bioRxiv

arXiv.org

zenodo

HAL  
archives-ouvertes.fr

OSF PREPRINTS

etc ...

*PCI Ecology*

*PCI Evolutionary Biology*

*PCI Genomics*

*PCI Microbiology*

etc..

# How does PCI work?

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## Repository



## PREPRINT server



1

author deposits their manuscript,  
data and code

## Repository



## PREPRINT server



## PCI website



1

author deposits their manuscript,  
data and code

2

author submits  
the DOI/URL



## Repository

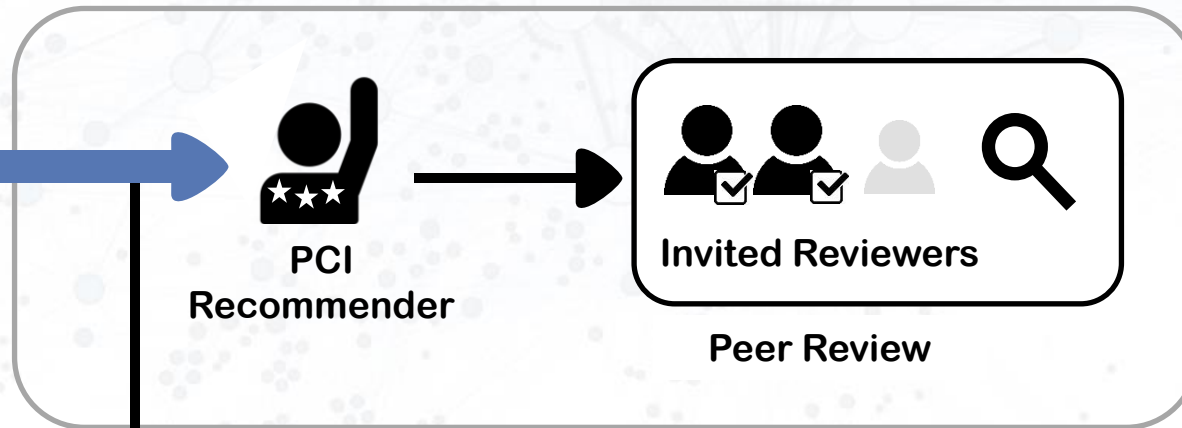


## PREPRINT server



author deposits their manuscript,  
data and code

## PCI website

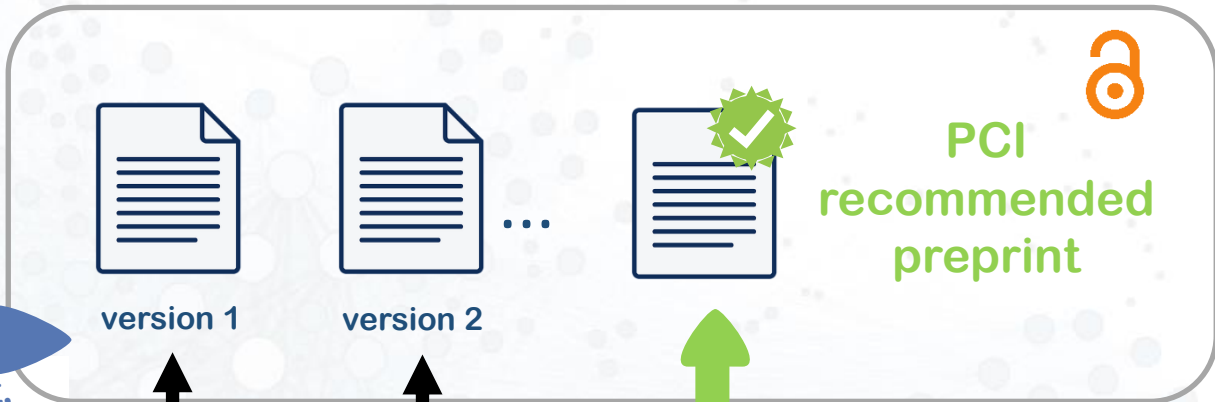


Not considered

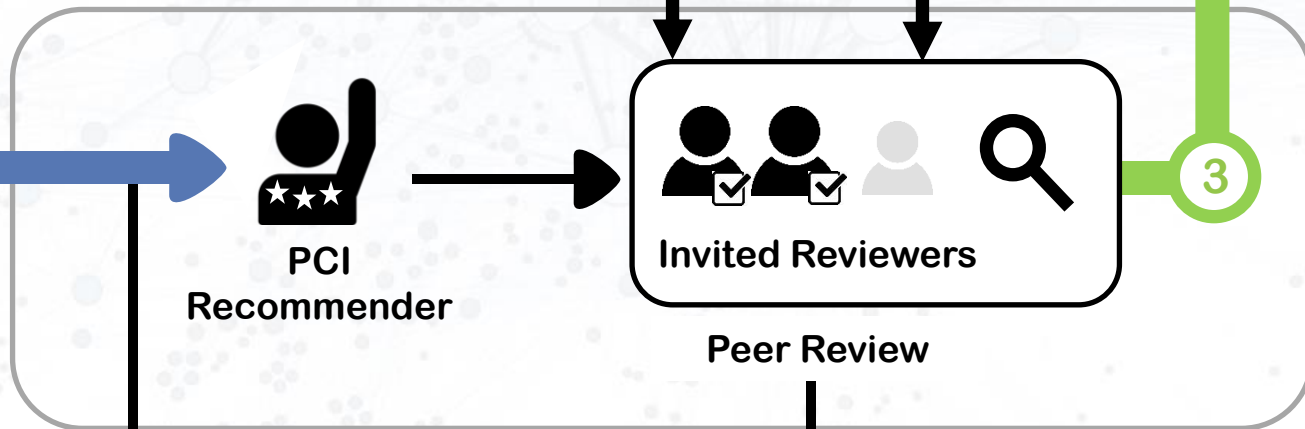
## Repository



## PREPRINT server



## PCI website



Not considered

Rejected



1

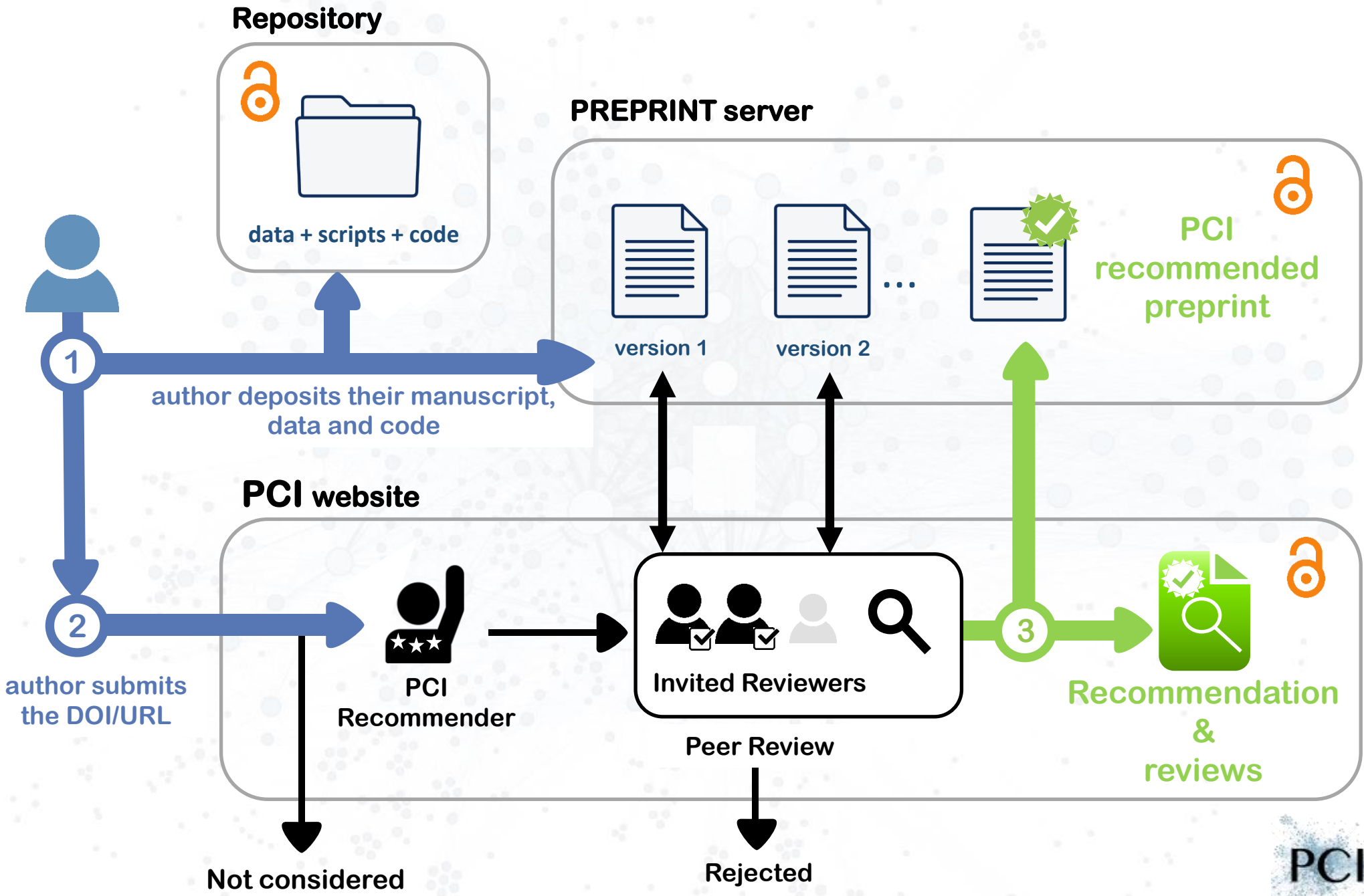
author deposits their manuscript,  
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2

author submits  
the DOI/URL

3

PCI  
recommended  
preprint



PCI-recommended  
preprint



OR

**Peer Community  
Journal**

Direct publication in diamond open access



**PCI-friendly journals**

OR



**Other journals**

# PCI-friendly journals

## 3 categories

### 1. Accept without further reviews (14)

- Acarologia
- Advances in Cognitive Psychology
- Belgian Journal of Zoology
- Cadernos de Linguística
- Frontiers of Biogeography
- International Journal of Limnology
- Journal of Lithic Studies
- OCL - Oilseeds and fats, Crops and Lipids
- Peer Community Journal
- Peer J
- PeerJ Computer Science
- Rethinking Ecology
- Theoretical Roman Archaeology Journal
- Tropical and Subtropical Agroecosystems



### PCI RR-friendly journals

- Addiction Research & Theory
- Advances in Cognitive Psychology
- Advances in Methods and Practices in Psychological Science
- Brain and Neuroscience Advances
- Cambridge Educational Research e-Journal
- Communications in Kinesiology
- Cortex
- Experimental Psychology
- F1000Research
- Human Population Genetics and Genomics
- In&Vertebrates
- Infant and Child Development
- Journal for Reproducibility in Neuroscience
- Journal of Cognition
- Meta-Psychology
- NeuroImage: Reports
- Peer Community Journal
- PeerJ
- PeerJ Computer Science
- PeerJ Physical Chemistry
- PeerJ Organic Chemistry
- PeerJ Inorganic Chemistry
- PeerJ Analytical Chemistry
- PeerJ Materials Science
- Psychology of Consciousness: Theory, Research, and Practice
- Royal Society Open Science
- Swiss Psychology Open
- WiderScreen

# PCI-friendly journals

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## 3 categories

1. Accept without further reviews

2. Fast response ( $\leq 5$  days) to presubmission enquiry (36)

Accept without further reviews **OR** Need further reviews **OR** Not interested

- Animal Welfare
- Annals of Forest Science
- Bulletins et Mémoires de la Société d'Anthropologie de Paris (BMSAP)
- Bulletin of the History of Archaeology
- Collabra: Psychology
- Communications in Kinesiology
- Ecology and Evolution
- Ecology Letters
- European Rehabilitation Journal
- European Scientific Journal
- European zoological journal
- Evolution
- Evolution Letters
- Evolutionary Applications
- Evolutionary Ecology
- FEMS Yeast Research
- GigaByte
- GigaScience
- Heritage
- Journal of Applied Entomology
- Journal of Applied Microbiology
- Journal of Avian Biology
- Journal of Biogeography
- Journal of Computer Applications in Archaeology
- Journal of Evolutionary Biology
- Journal of Iran National Museum
- Journal of Neolithic Archaeology
- Journal of Open Archaeology Data
- Journal of the Israel Prehistoric Society
- Letters in Applied Microbiology
- Molecular Ecology
- Oikos
- PLOS Biology
- Préhistoires méditerranéennes - Mediterranean Prehistories
- Quaternaire
- Veterinary Research

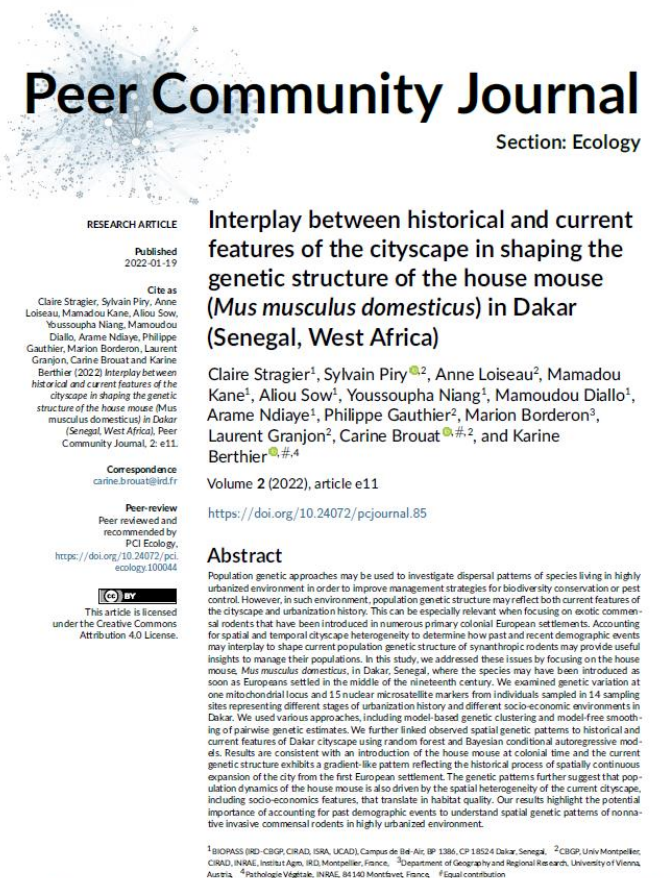
# PCI-friendly journals

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## 3 categories

1. Accept without further reviews
2. Fast response ( $\leq 5$  days) to presubmission enquiry
3. May use the evaluations of PCI if adequate (31)

- Adansonia
- Agronomy for Sustainable Development
- Animal
- Animal microbiome
- Anthropozoologica
- Archäologische Informationen
- Botany
- Botany Letters
- Brazilian Journal of Motor Behavior
- Canadian Journal of Animal Science
- Canadian Journal of Fisheries and Aquatic Sciences
- Canadian Journal of Forest Research
- Canadian Journal of Zoology
- Comptes Rendus Palevol
- Cryptogamie, Algologie
- Cryptogamie, Bryologie
- Cryptogamie, Mycologie
- EXARC Journal
- FACETS
- G3: Genes, Genomes, Genetics
- Genetics
- Genome
- Geodiversitas
- Global Ecology and Biogeography
- Internet Archaeology
- Journal of Pollination Ecology
- M@n@gement
- Mathematical Modelling of Natural Phenomena
- Naturae
- Neuroanatomy and Behaviour
- Zoosystema



- Launched in November 2021
- Accepts “as is” any and only recommended articles
- Free for readers and authors
- Already 214 articles published
- 17 sections
- CC-BY Licence
- Indexed in  DOAJ
-  Plan S  
Making full & immediate  
Open Access a reality
-  CAB ABSTRACTS
-  Google Scholar
-  Dimensions
-  Crossref
- Applications for indexation in  WEB OF SCIENCE





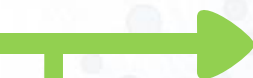
# In summary

PCI-recommended  
article



Final, citable  
article hosted  
by preprint  
server

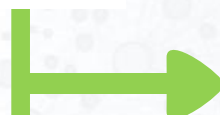
Author's  
choice to  
submit to



**Peer Community Journal**

Direct publication in diamond open access

OR



**PCI-friendly journals**

- accept with no further peer review

OR

- fast response ( $\leq 5$  days) to presubmission enquiry

OR

- use of PCI evaluation if appropriate

OR



**Other journals**

If not satisfied by  
the decision

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PCI

# Consequences

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- **Big savings for research agencies** (300 €/paper instead of 3000 € on average)

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- A mean to resist the big publishers' business (diamond OA)

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- The editorial policy of a journal is replaced by a **clear and argued recommendation** text
- **A single evaluation for many journals**
- A mean to break the publishers' business (diamond OA)
- recognition of reviewers' and recommenders' work



# PCI in figures & Current PCIs

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# PCI in figures



17

PEER  
COMMUNITIES



2000

RECOMMENDERS



1054

SUBMITTED  
ARTICLES



130

MANAGING BOARD  
MEMBERS



551

RECOMMENDED  
ARTICLES



1235

REVIEWERS



55

MEDIAN TIME TO  
1ST DECISION (DAYS)



92

FRIENDLY  
JOURNALS



>5000

TWITTER  
FOLLOWERS



>12000

VISITORS TO  
PCI WEBSITES



>6000

REGISTERED  
USERS



165

SUPPORTING  
ORGANISATIONS

# Current PCIs

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## 2017

PCI Evolutionary Biology

## 2018

PCI Ecology

PCI Paleontology

## 2019

PCI Animal -Science

PCI Zoology

## 2020

PCI Mathematical and  
Computational Biology

PCI Forest & Wood Science

PCI Network Science

PCI Genomics

PCI Archaeology

PCI Circuit Neuroscience

## 2021

***PCI Registered Reports***

PCI Ecotoxicology and  
Environmental Chemistry

PCI Infections

## 2022

PCI Microbiology

PCI Health & Movement  
Sciences

## 2023

PCI Organization Studies

# Supports, awards and recognition

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# Recognition by funders



Peer Reviewed preprints are considered by most cOAlition S organisations to be of equivalent merit and status as peer-reviewed publications that are published in a recognised journal or on a platform



# Supports

Ouvrir la science!



École Pratique des Hautes Études



# Supports

## NORTH AMERICA

Harvard  
Library



Bibliothèque  
Library



## UNITED KINGDOM



## EUROPE



UNIVERSITAT  
ROVIRA I VIRGILI



## OTHER COUNTRIES



PCI

# COAR notify project

PCI = Pilote project  with

  
Confederation  
of Open Access  
Repositories



ARCADIA  
A CHARITABLE FUND OF  
LIBBET RAUSING & PETER BALDWIN



Interoperability



PCI



# Sign and share the **#PCIManifesto**

<https://peercommunityin.org/pci-manifesto/>



Promise to **submit at least one of my best articles to a PCI** for peer review before the end of 2023 and, if recommended, **to publish it in Peer Community Journal.**

Target = 500 signatures

→ **1,055** colleagues have signed so far

# Thanks!

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<https://peercommunityin.org>

<https://peercommunityjournal.org>

# The PCI team

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of the PCI board



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Benoit Facon  
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oper adviser



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Garcia  
Network en-  
gineer  
adviser



Michael  
Ajanaku  
Web  
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oper  
coordinator



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developer



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assistant