Peer Community In…

A free recommendation process of preprints based on peer reviews

An initiative of:

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INRAE

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PCI

Scientific Publication

- **too long**

  a reader can have access a paper > 1-2 years after submission

- **not transparent**

  unknown Reviews, unknown Editor, unstated Conflicts of interest, unclear Methods, unavailable Data, unavailable Scripts, codes, parameters

- **too expensive**

  €10 Billion / 3 millions articles = €3000 / article

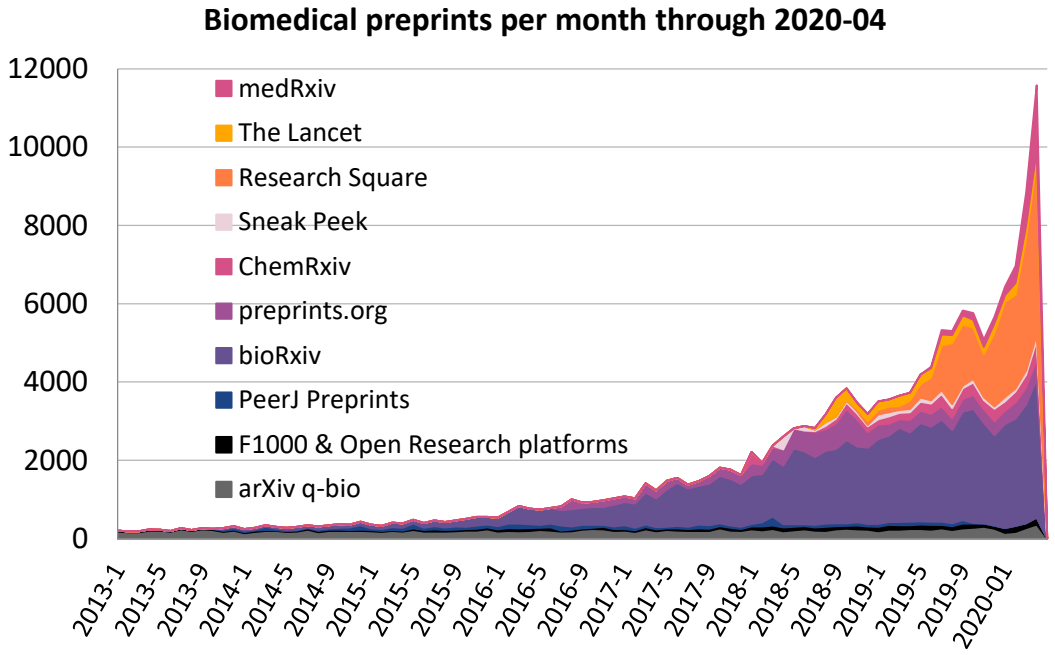
  extraordinary profit margin (30-40% for the 5 big publishers)

- **vicious system**

  turnover positively linked to the number of accepted articles

Preprints

- **Preprints are good...**
  - Free for authors and readers
  - Available immediately
  - Archive
  - Proof of anteriority
  - Searchable/Findable
  - very low cost ($13/preprint in arXiv)



Source: Polka, Jessica K., & Penfold, Naomi C. (2020) http://doi.org/10.5281/zenodo.3819276

- **But putative quality problem...**
  - No formal evaluation – no peer-review
  - Everything can be found in open archives including preprints of very bad quality

- **We therefore need preprint evaluation**

Peer Community in

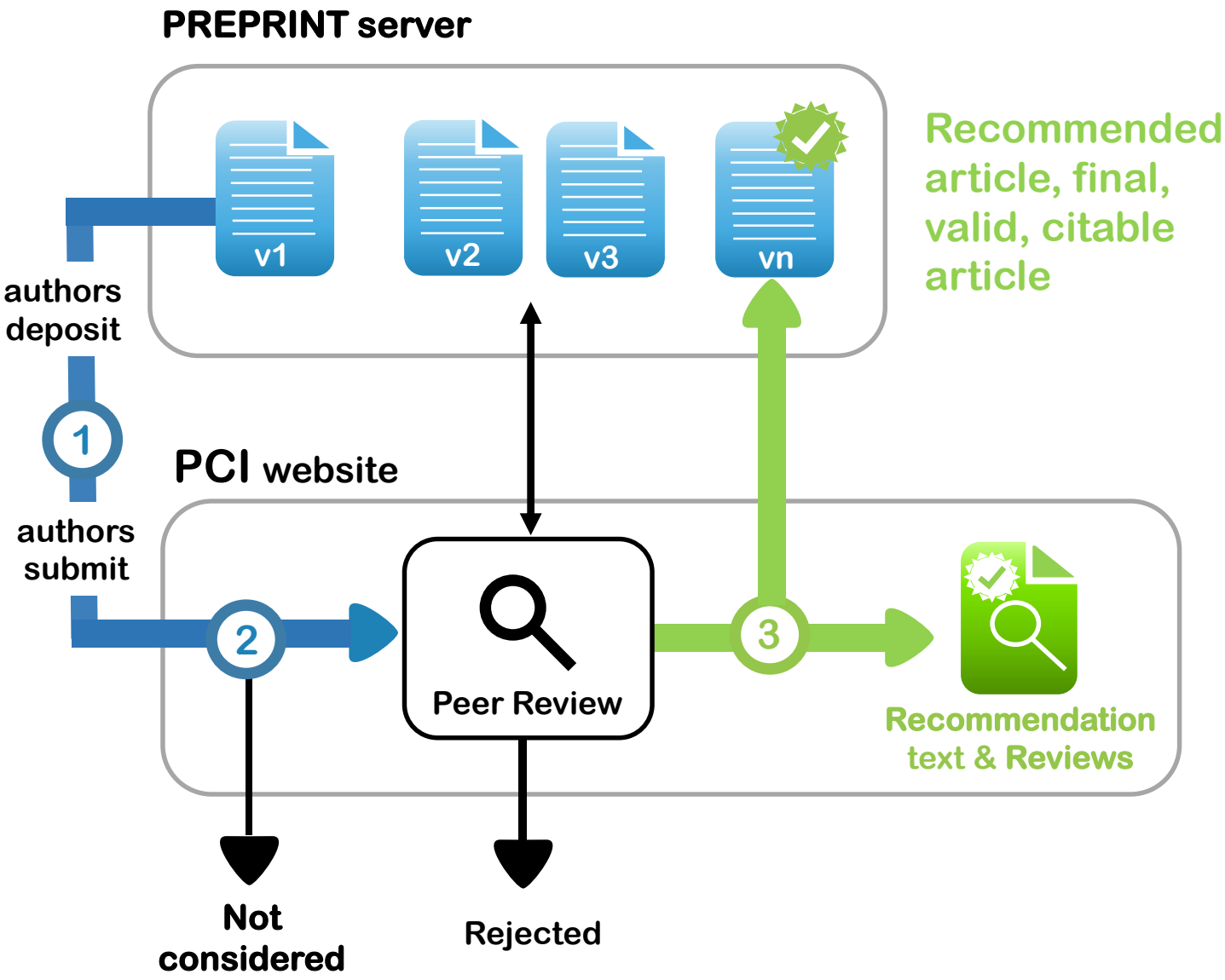
A free recommendation process of scientific preprints based on peer-reviews

Our goal

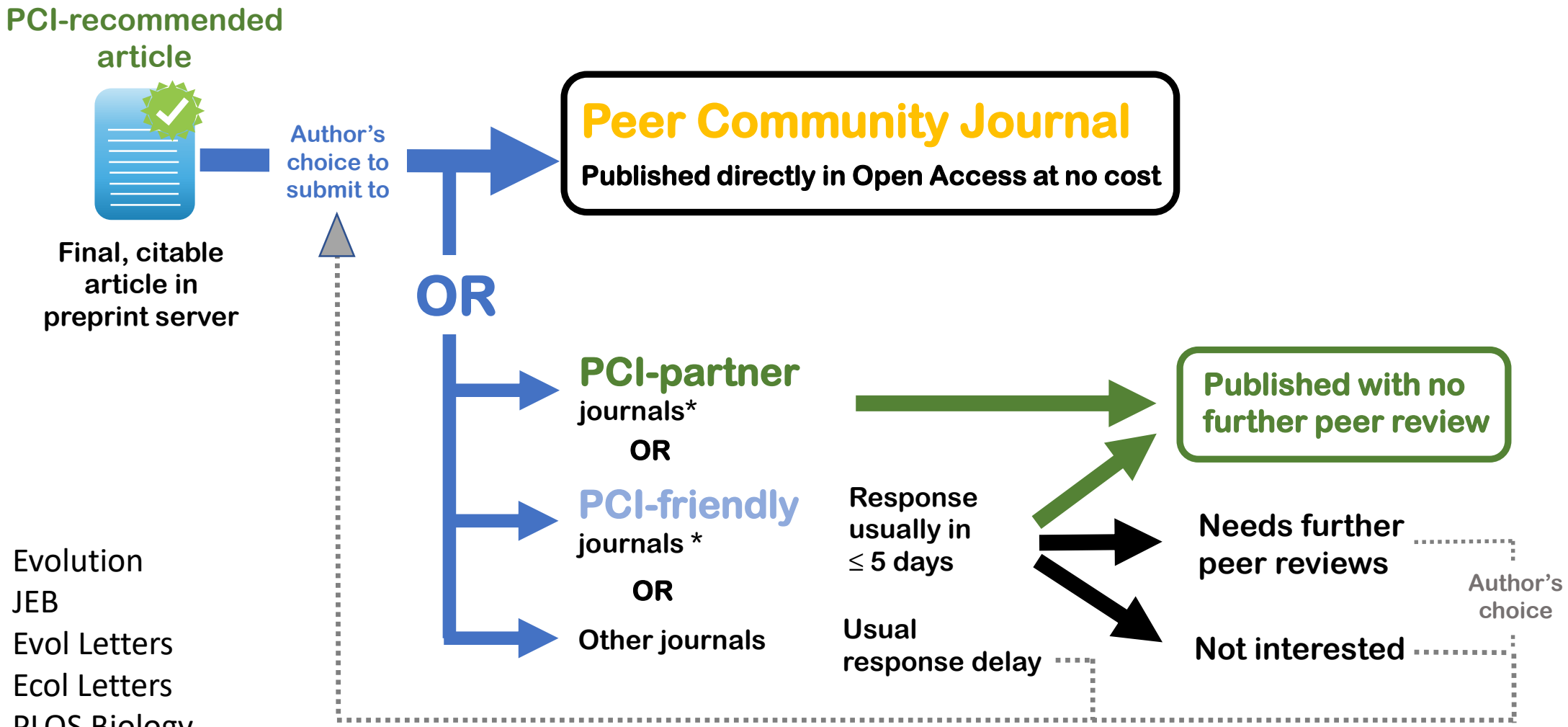
Create several communities of researchers evaluating (through peer review) and recommending (highlighting) preprints in their scientific field, e.g. *PCI Ecology*, *PCI Paleontology*, ***PCI Evolutionary Biology***

PCI Ecology · PCI Paleo · PCI Animal Science · PCI Zool · PCI C Neuro · PCI Genomics · PCI Forest & Wood Sci · PCI Archaeo · PCI Network Sci · PCI Math & Comp Biol · PCI RR · PCI Ecotox Env Chem

How does it work?



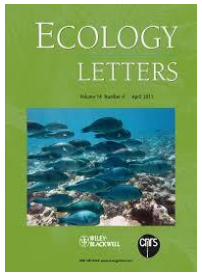
Fate of recommended articles

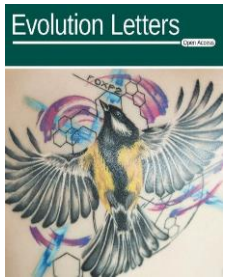


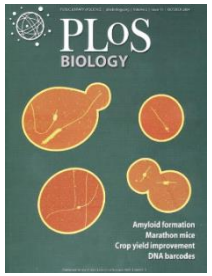
Evolution
JEB
Evol Letters
Ecol Letters
PLOS Biology
OIKOS

* **PCI-partner** & **PCI-friendly** journals are either society, diamond OA, research institutes or non for-profit journals

PCI-friendly journals







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ORIGINAL ARTICLE | Full Access

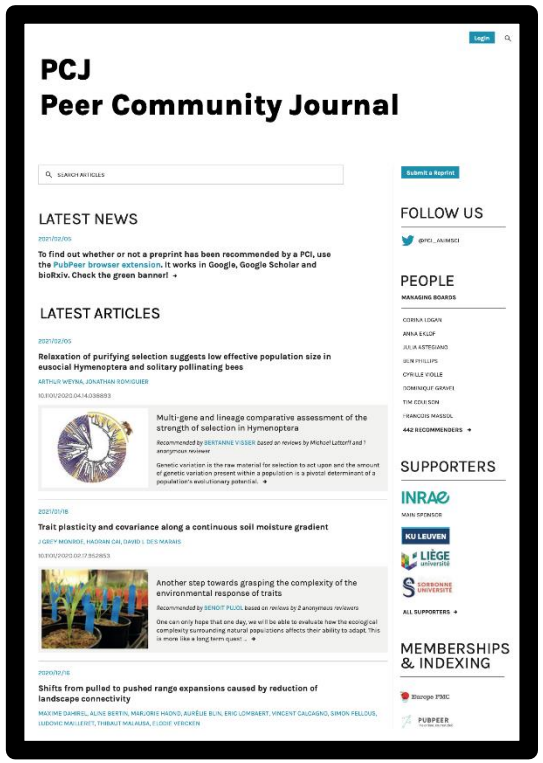
Parallel pattern of differentiation at a genomic island shared between clinal and mosaic hybrid zones in a complex of cryptic seahorse lineages

Florentine Riquet, Cathy Liautard-Haag, Lucy Woodall, Carmen Bouza, Patrick Louisy, Bojan Hamer, Francisco Otero-Ferrer, Philippe Aublanc, Vickie Béduneau, Olivier Briard ... See all authors

First published: 11 March 2019 | https://doi.org/10.1111/evo.13696 | Citations: 6

This preprint has been reviewed and recommended by Peer Community in Evolutionary Biology (https://doi.org/10.24072/pci.evolbiol.100056).

Peer Community Journal



- Launch: **Fall 2021**
- Accepts **as is** all articles recommended by a PCI
- **Free for readers** (Open Access)
- **Free for authors** (no APC)

PCI

PCI facts and figures

13 PEER COMMUNITIES

340 SUBMITTED ARTICLES

220 RECOMMENDED ARTICLES

50 MEDIAN TIME TO 1ST DECISION (DAYS)

>4300 TWITTER FOLLOWERS

>2600 REGISTERED USERS

>1200 RECOMMENDERS

85 MANAGING BOARD MEMBERS

600 REVIEWERS

71 FRIENDLY JOURNALS

>12000 VISITORS TO PCI WEBSITES

100 SUPPORTING ORGANISATIONS