Preprints and
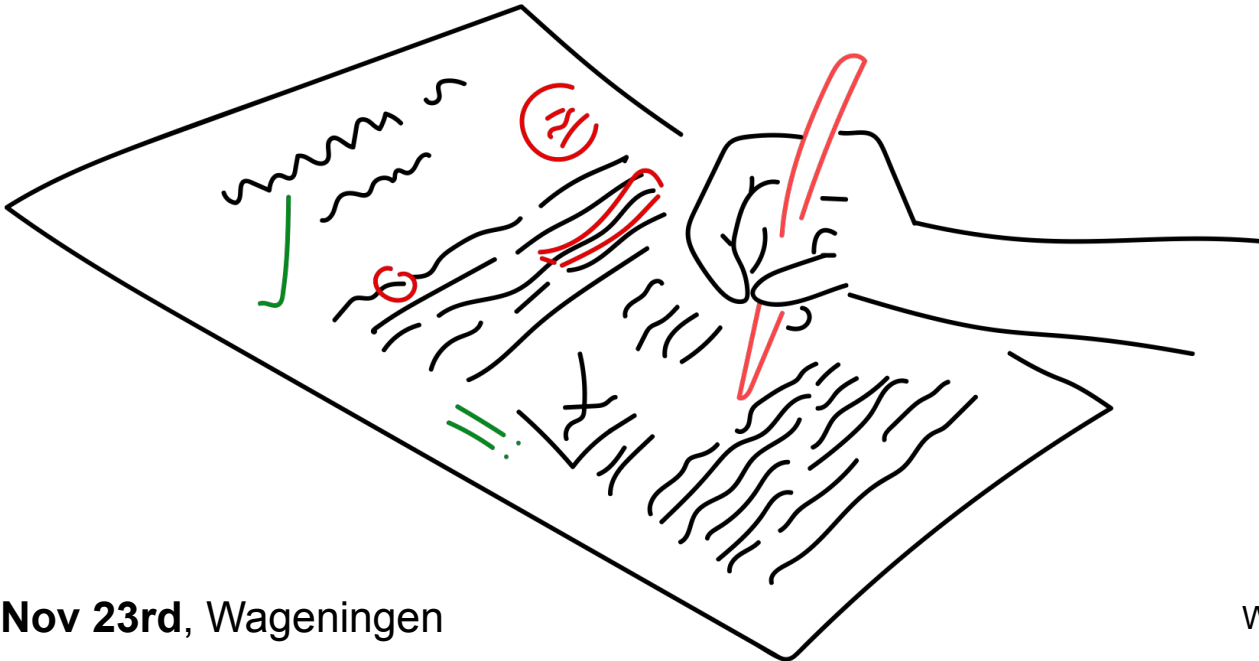# Preprint Evaluation Systems

Daniel Tamarit

Lab. Microbiology
Wageningen Uni
Soon: Utrecht Uni
@DanielTamarit

PCI peercommunityin.org PCJ

OSCW
Open Science Community Wageningen

Nov 23rd, Wageningen

With resources from ASAPbio

Compiled by Jeroen Bosman (@jeroenbosman) via Bianca Kramer (@MsPhelps)

Preprints per Month
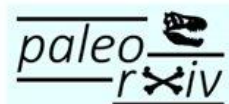
Legend: arXiv q-bio, F1000Research, bioRxiv, preprints.org, Nature Precedings, PeerJ Preprints, The Winnower, Wellcome Open Research
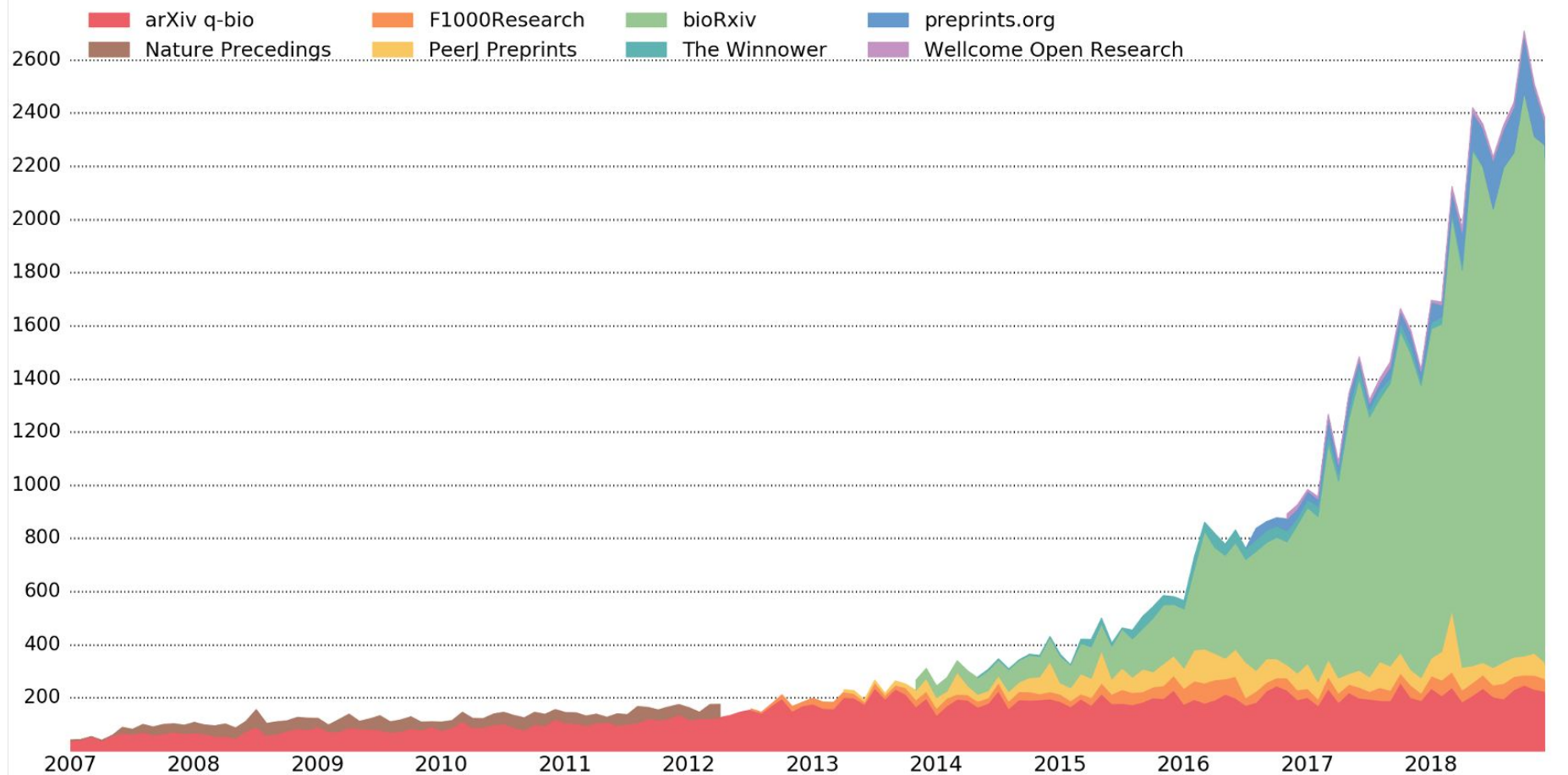
New Senior Authors per Month
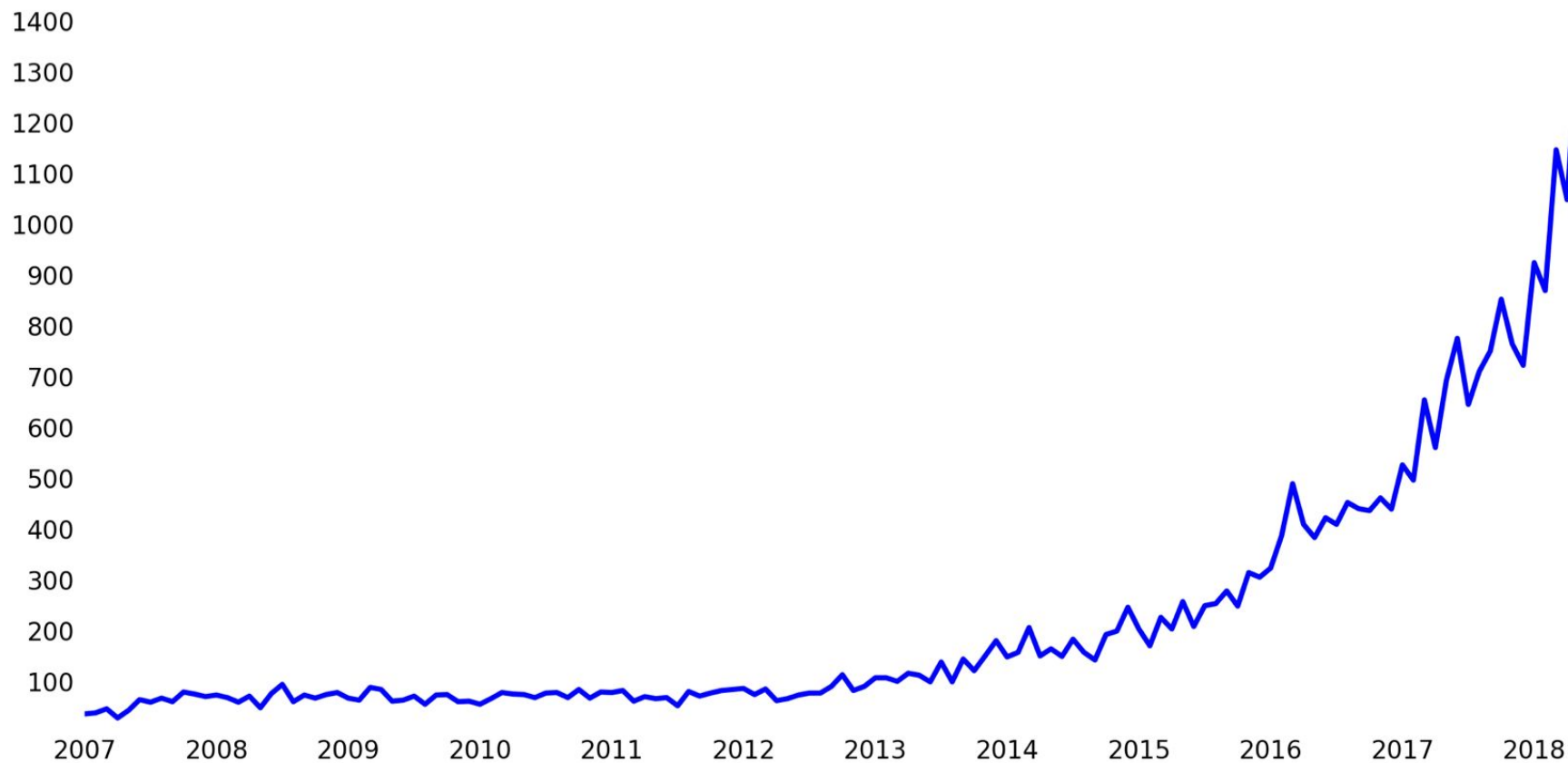
…with support from funders, journals & others
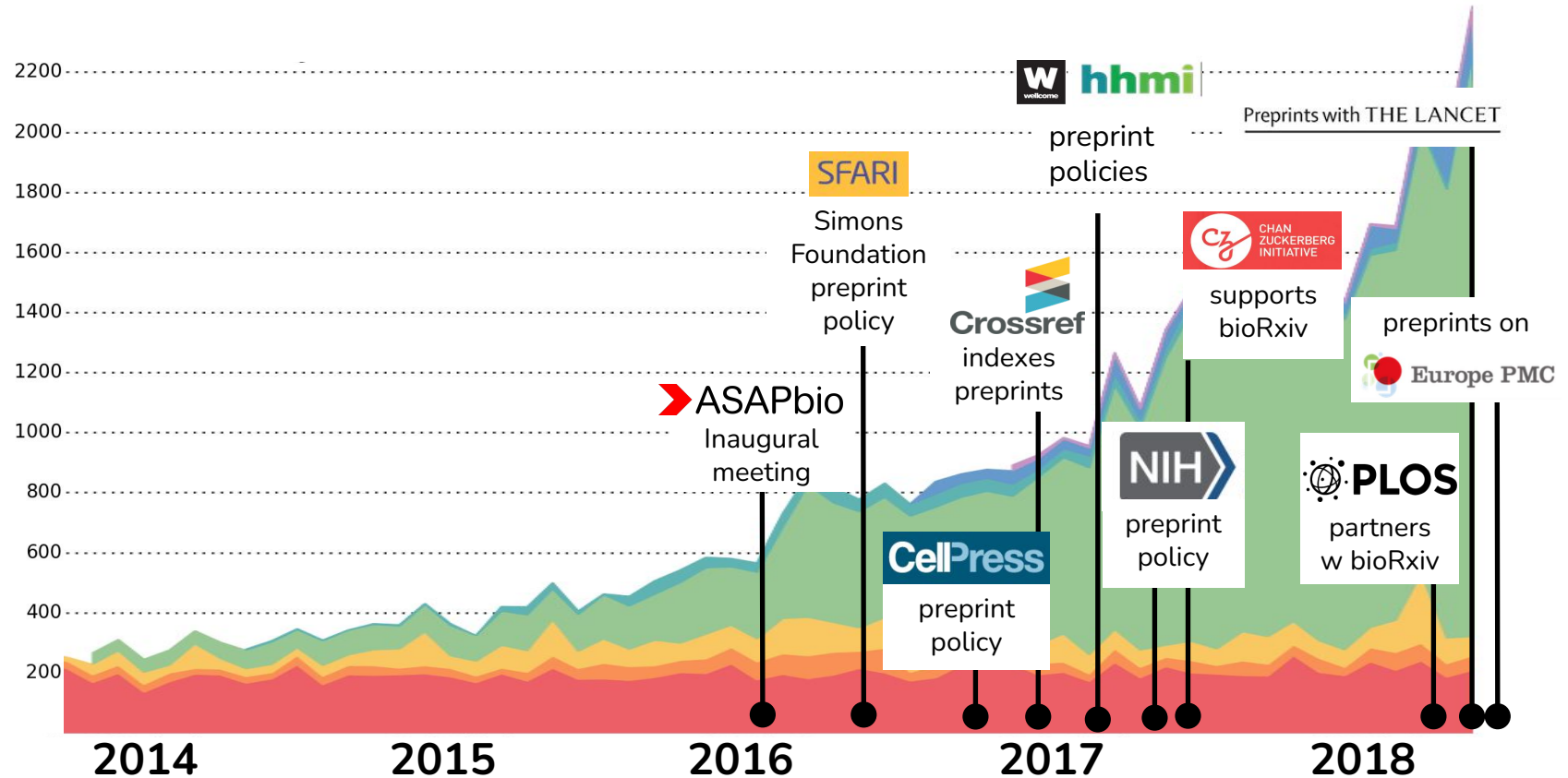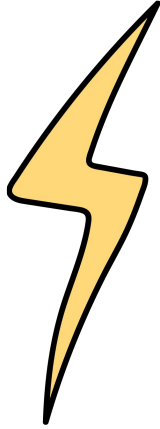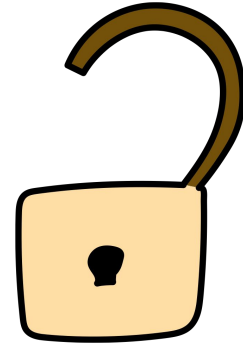
Have you **submitted** your work in the form of a preprint?

Preprints

Immediacy

- Quick dissemination/usage
- Applications/Evidence of progress
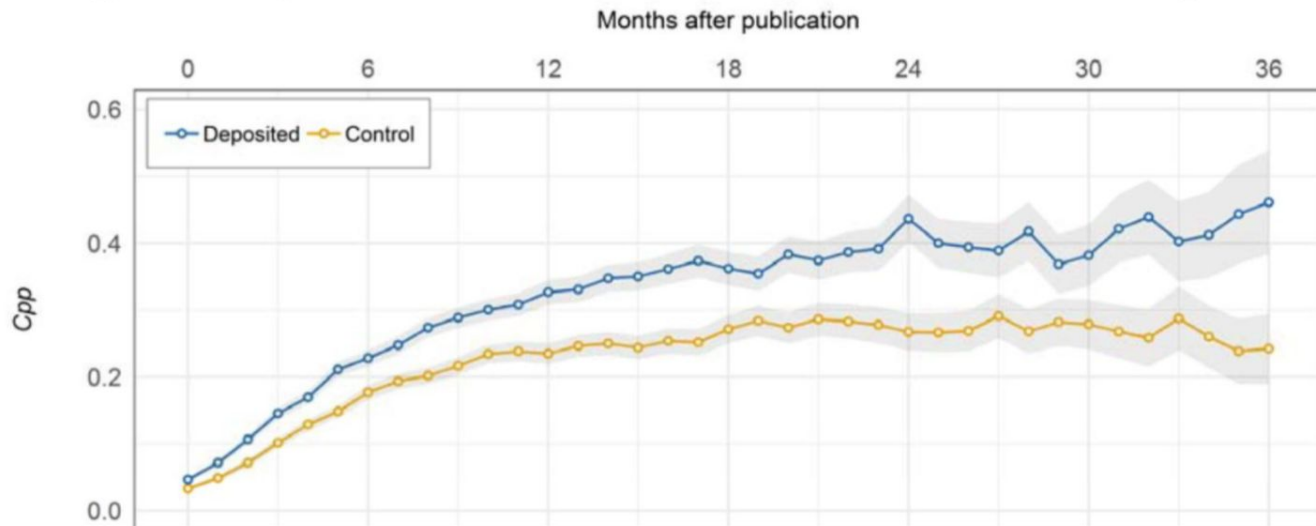- Priority claims

Open access

- Free
- Universal sharing
- Early feedback

Preprinting increases visibility & citation of published articles

A

B

Monthly citation rates of bioRxiv-deposited and non-deposited control articles.
(A) Calculated Cpp of bioRxiv-deposited articles (blue line) and non-deposited control articles (yellow line) as a function of months following publication. Grey shading represents 95 % confidence intervals. (B) Sample size of each group at each respective time interval. Sample sizes are equal for both groups.
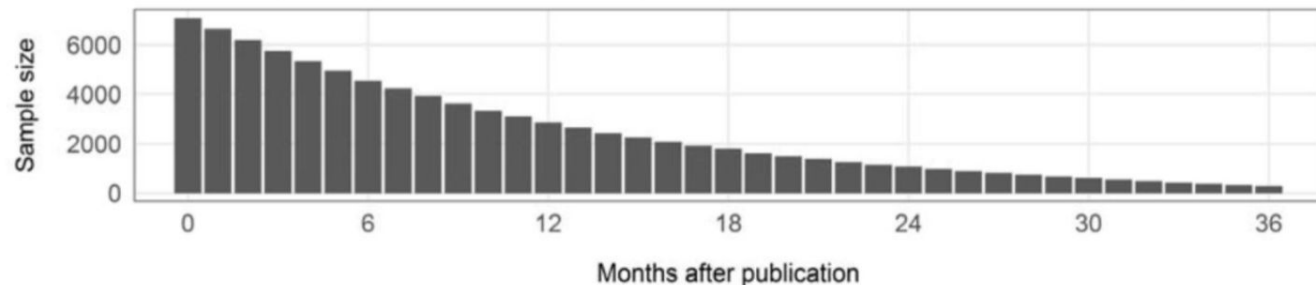
The effect of bioRxiv preprints on citations and altmetrics
Nicholas Fraser, Fakhri Momeni, Philipp Mayr, Isabella Peters
bioRxiv 673665; doi: https://doi.org/10.1101/673665
This article is a preprint and has not been peer-reviewed [what does this mean?].

Have you **used** or **participated in** any **preprint evaluation system**?

Beyond journals: new ways of evaluating outputs

PUBPEER
The online journal club

scienceOPEN.com
research+publishing network

PCI
Evol Biol

PEERIODICALS
Select the best science *beta*

publons

plaudit

Ψ SciRate

BIOVERLAY
(n): a peer review overlay for the life sciences.

preLights
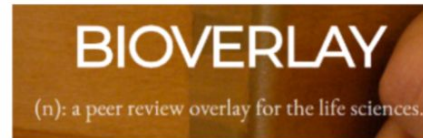
outbreak science

PREREVIEW

Lots of new ways to evaluate science: see reimaginereview.asapbio.org

Peer Community In
Microbiology

MANAGING BOARD

Sophie Abby

Roey Angel

Jiří Bárta

Anne Daebeler

Osnat Gillor

Craig W. Herbold

Cédric Hubas

Melina Kerou

Katharina Kitzinger

David K. Ngugi

Hannes Schmidt

112 recommenders

PCI Evol Biol

PCI Ecology

PCI Paleo

PCI Animal Science

PCI Neuro

PCI Zool

PCI Genomics

PCI Math & Comp Biol

PCI Forest & Wood Sci

PCI Archaeo

PCI Network Sci

PCI RR

PCI Ecotox Env Chem

PCI Infections

PCI Microbiol

PCI Health & Mov Sci

Practical guide to preprints

Dutch Consortium of University Libraries and the National Library of the Netherlands (UKB), Association of Universities in the Netherlands (VSNU) and Dutch Research Council (NWO)
Incl. Chantal Hukkelhoven (WUR)

https//edepot.wur.nl/556394

A Practical Guide to Preprints

Accelerating Scholarly Communication

ASAPbio
https://asapbio.org/

ASAPbio

Peer Community In
https://peercommunityin.org/

Peer Community in

PCI, a free recommendation process of scientific preprints based on peer reviews