

2025 EV

EVENTOS

**II Workshop sobre modelos
de publicación científica**
Preprints y publicación
diamante: ciencia sin peajes

12 de diciembre de 2025

Preprinting

The foundation for the future of scientific publishing

Ludo Waltman, Centre for Science and Technology Studies (CWTS), Leiden University



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Red de Bibliotecas
REBIUN



Preprinting

*The foundation for the future of
scientific publishing*

Ludo Waltman

Centre for Science and Technology Studies (CWTS)
Leiden University

REBIUN workshop on new publishing models

December 12, 2025



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Challenges faced by the scholarly publishing system

Lack of openness

Delays and inefficiencies

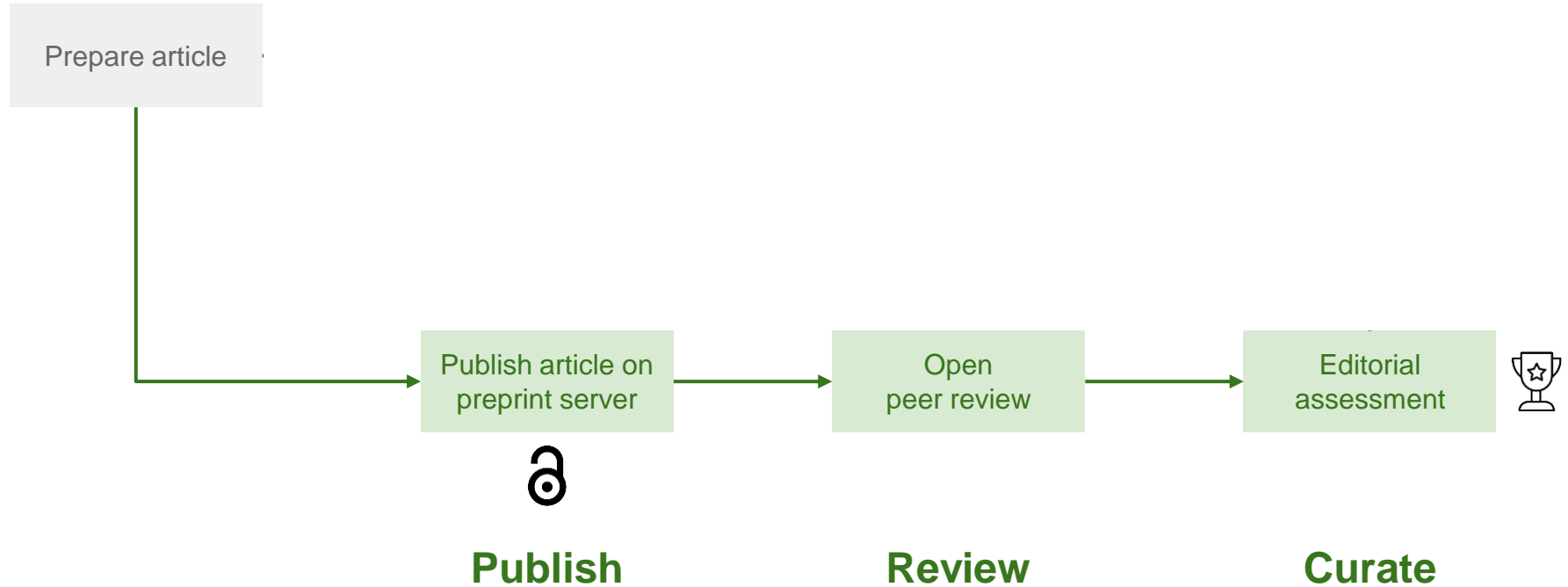
Excessive costs and inequities

Problematic incentives

Lack of community control

How can preprinting address these challenges?

Addressing the four challenges



Preprint servers



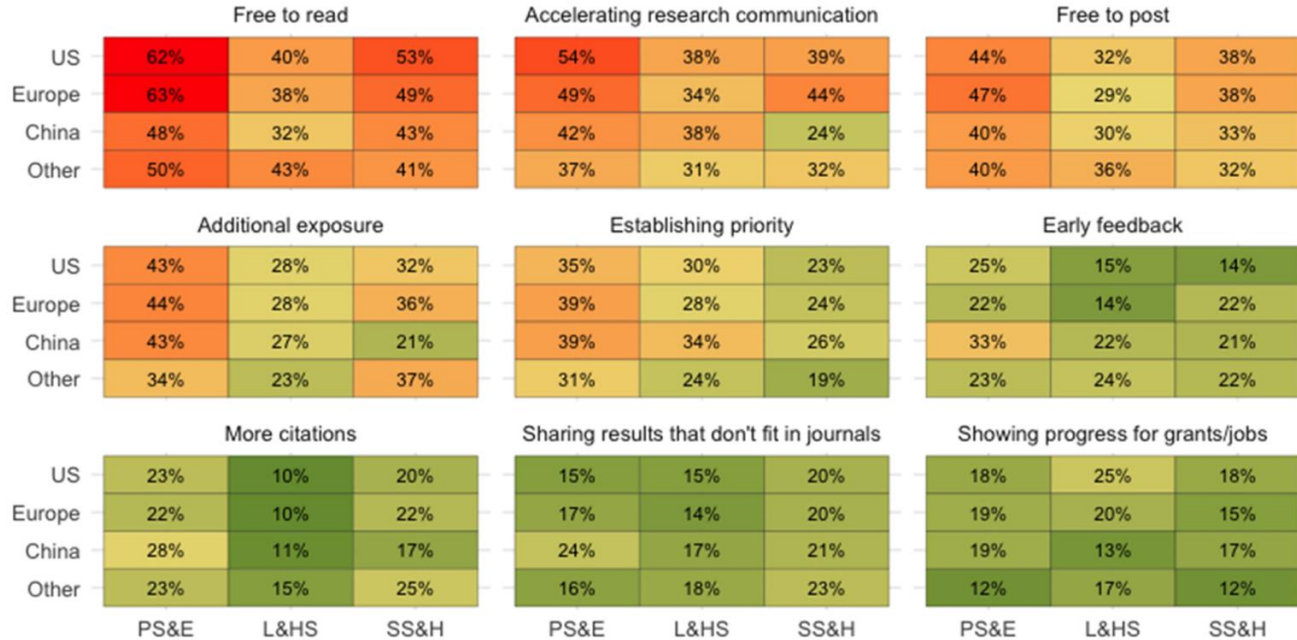
PsyArXiv



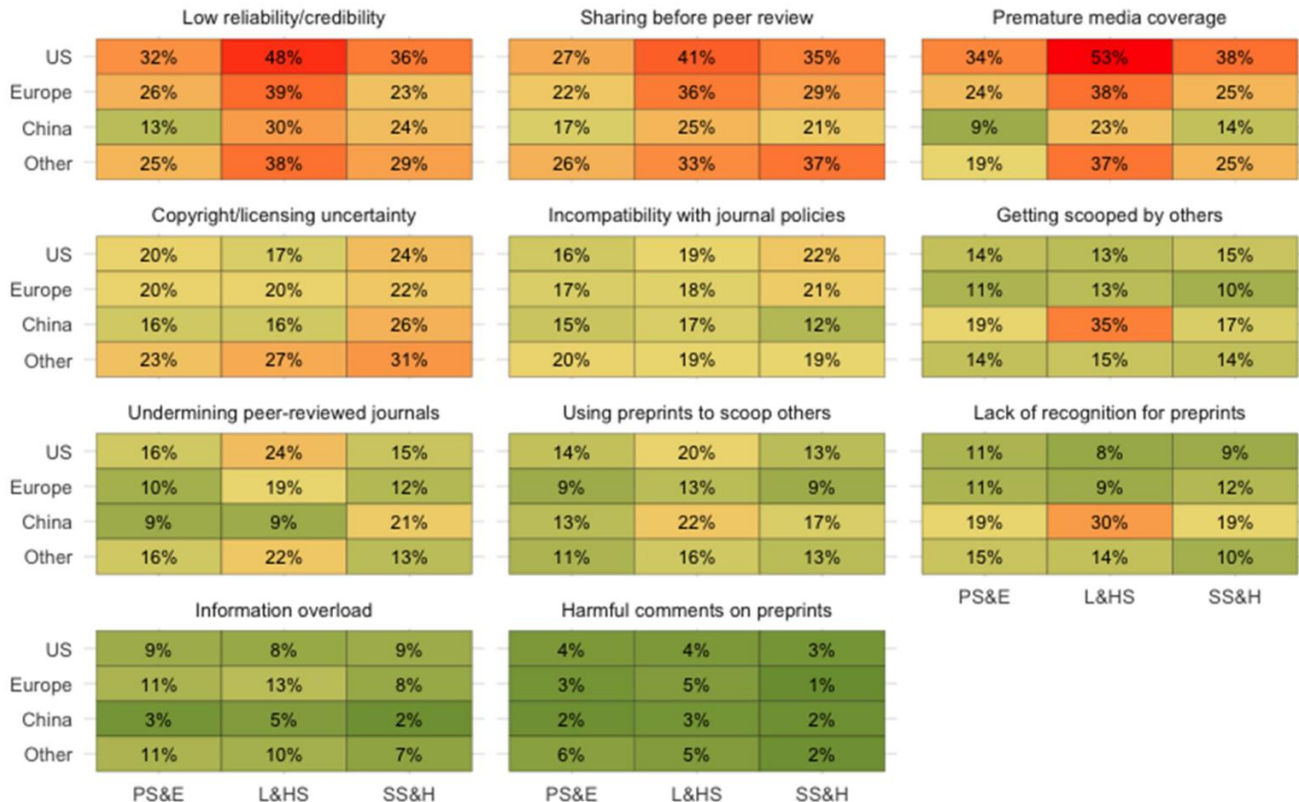
Adoption of preprinting - Europe

		Austria	Belgium	Denmark	France	Germany	Italy	Netherlands	Norway	Poland	Portugal	Spain	Sweden	Switzerland	Ukraine	United Kingdom
Physical Sciences and Technology	Built Environment and Design	3%	2%	2%	2%	2%	2%	2%	2%	0%	1%	2%	1%	2%	0%	2%
	Chemical Sciences	13%	10%	18%	13%	15%	10%	17%	12%	6%	5%	9%	15%	18%	8%	15%
	Earth Sciences	21%	21%	17%	20%	23%	13%	24%	19%	8%	9%	12%	20%	28%	9%	17%
	Engineering	13%	9%	10%	13%	15%	10%	12%	9%	6%	5%	9%	12%	19%	10%	11%
	Environmental Sciences	9%	8%	8%	10%	10%	5%	8%	8%	4%	4%	5%	7%	12%	7%	9%
	Information and Computing Sciences	25%	20%	21%	22%	25%	17%	24%	17%	11%	10%	14%	24%	32%	15%	21%
	Mathematical Sciences	59%	47%	49%	47%	53%	45%	45%	41%	39%	38%	38%	50%	62%	27%	45%
	Physical Sciences	49%	44%	51%	45%	50%	50%	53%	45%	40%	47%	51%	49%	56%	33%	48%
Technology	13%	8%	14%	14%	14%	9%	11%	10%	6%	5%	8%	16%	18%	9%	14%	
Life and Medical Sciences	Agricultural and Veterinary Sciences	7%	6%	5%	8%	8%	3%	7%	4%	3%	3%	4%	7%	9%	1%	8%
	Biological Sciences	12%	12%	14%	15%	15%	7%	15%	14%	6%	8%	9%	15%	18%	5%	17%
	Medical and Health Sciences	6%	6%	6%	6%	7%	4%	7%	8%	4%	4%	5%	7%	8%	1%	8%
Social and Behavioral Sciences	Commerce, Management, Tourism and Service	6%	3%	4%	4%	6%	4%	5%	3%	4%	1%	2%	2%	7%	2%	2%
	Economics	7%	4%	5%	6%	5%	5%	4%	4%	4%	2%	3%	4%	7%	2%	5%
	Education	3%	3%	3%	4%	6%	3%	4%	2%	2%	2%	2%	2%	6%	1%	3%
	Law and Legal Studies	2%	2%	2%	2%	3%	2%	3%	2%	1%	0%	2%	2%	2%	0%	2%
	Psychology and Cognitive Sciences	11%	11%	9%	10%	12%	6%	13%	10%	8%	6%	7%	10%	13%	3%	12%
Studies in Human Society	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	1%	2%	2%	4%	1%	2%
Humanities	History and Archaeology	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%	2%	2%	0%	1%
	Language, Communication and Culture	2%	3%	3%	7%	4%	2%	5%	2%	2%	2%	2%	1%	6%	0%	3%
	Philosophy and Religious Studies	5%	3%	2%	5%	3%	4%	4%	2%	3%	4%	2%	3%	3%		2%
	Studies in Creative Arts and Writing	5%	1%	3%	2%	3%	1%	4%	1%	1%	1%	1%	0%	1%		1%

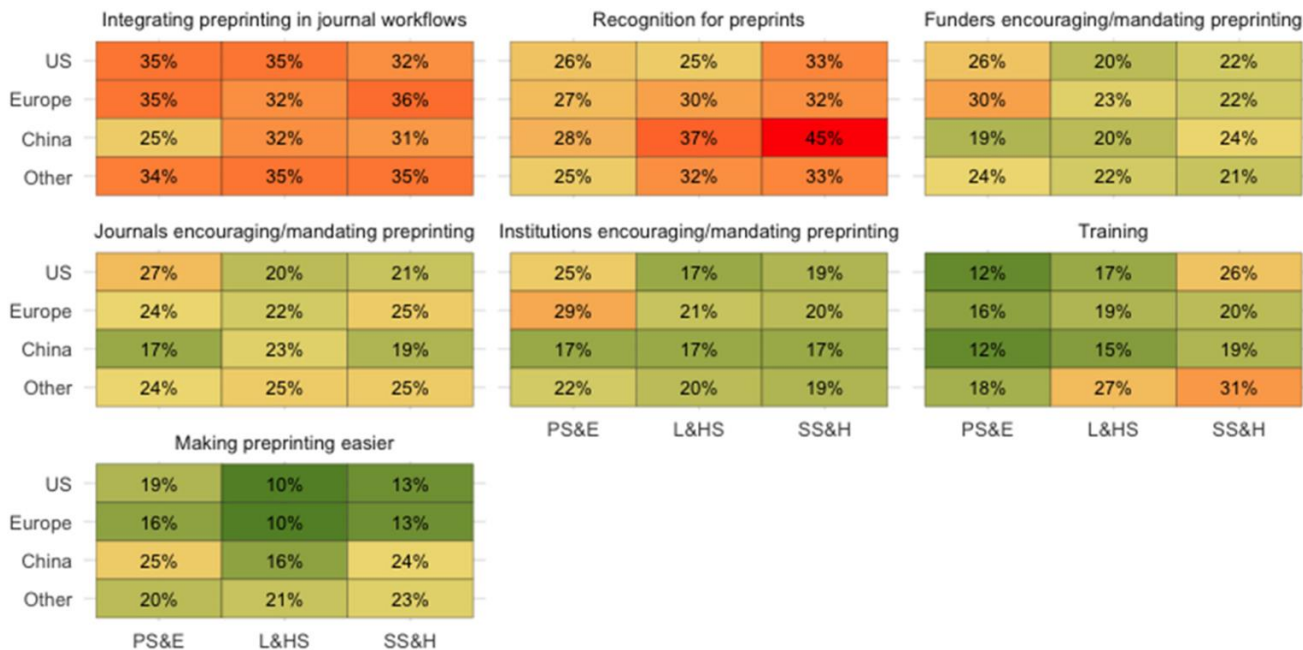
Why do researchers choose to preprint their work?



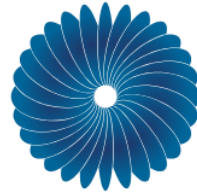
Why do researchers choose not to preprint their work?



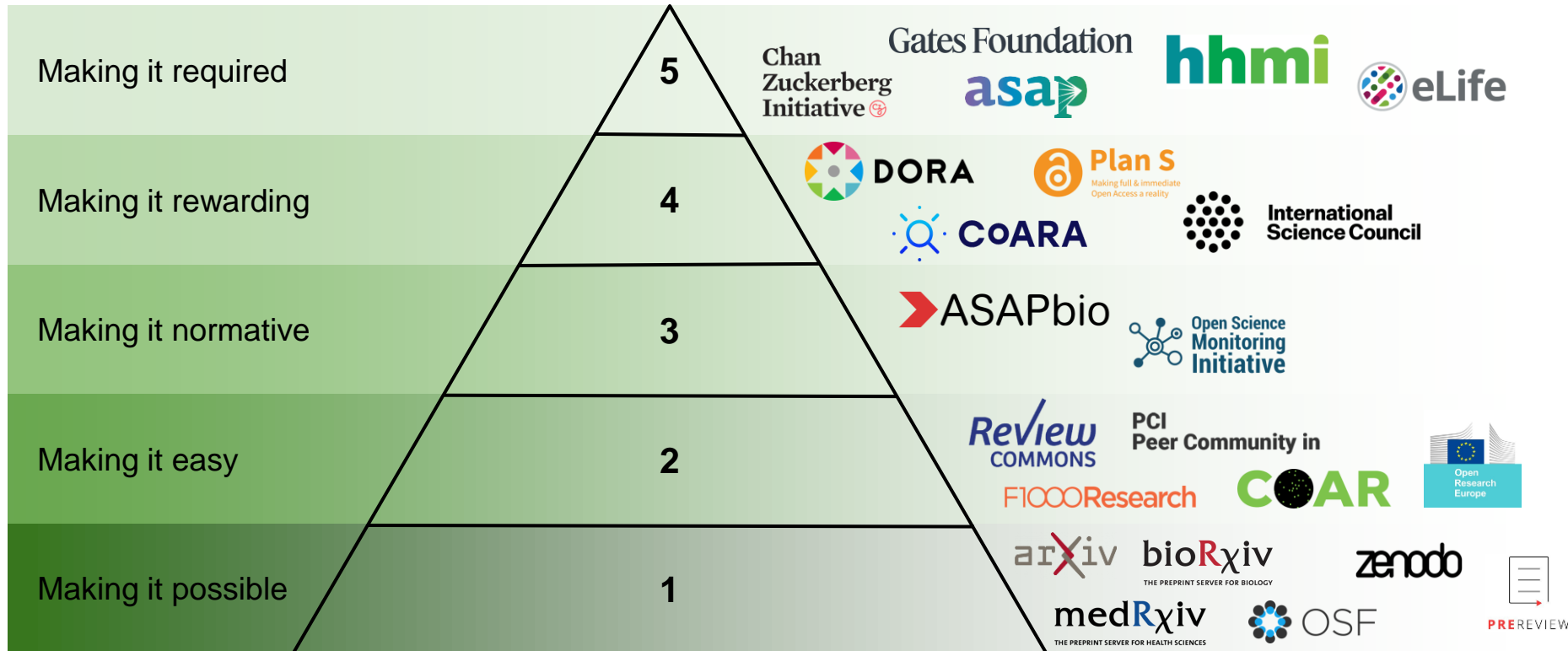
How can researchers be encouraged to preprint?



Growing number of PRC platforms



Realizing culture change for preprinting



Ongoing developments

Reimagining scholarly publishing:
outcomes from a public forum to discuss
the Publish, Review, Curate (PRC)
publishing model



Dec 3, 2025 King's College, Cambridge University

**PUBLISH
REVIEW
CURATE**

*Turning scholarly publishing
on its head*



Dec 11, 2025



International community convenes in
Pisa to advance coordinated reform
in publishing and research
assessment

WORKSHOP • 03 December 2025

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**To overcome these challenges, we need preprinting
as a foundation for the future of scientific publishing!**

Thank you for your attention!