Moving beyond research journals: new ways to share research

超越期刊：共享研究的新形态

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F1000Research

Information Classification: General

Taylor & Francis Group
an informa business

今年7月， Taylor& Francis 与北京大学图书馆签署了包括科技人文、医学期刊库和专家期刊库期刊，共2193种期刊，及181种OA期刊的长期保存协议

点燃火炬 照耀人群

Time to evolve the scholarly communication system

是时候推进科学交流方式进行演变了

- Much research is behind paywalls
- Long delays in sharing new findings
- Biases and conflicts in anonymous editorial decisions
- Lack of data supporting the findings → hard to verify & reuse
- Much good research never published → skews our understanding
- Significant research waste

- 很多科研论文被挡在“付费墙”外
- 分享新发现的漫长拖延
- 匿名评审中出现的偏见与利益冲突
- 缺乏数据支持的发现---难以验证和重复利用
- 很多优秀研究从未被发表
- 大量的科研经费浪费

Desirable features of a scholarly communication system

理想的科学交流体系的特征

- **Rapid access to new knowledge:** without delay
- **Access and reuse:** openly accessible, text and data mineable
- **Minimise reporting & publication bias, and research waste:** share all research findings

- **快速获取新知识**: 研究团体应该可以获取和查看新发现，无延迟
- **获取与重复利用**: 科研发现应该具有开放式的可获取性，文本和数据可以进行挖掘
- **减少报告和出版物的偏见，减少科研浪费**: 研究人员应该可以分享所有研究成果

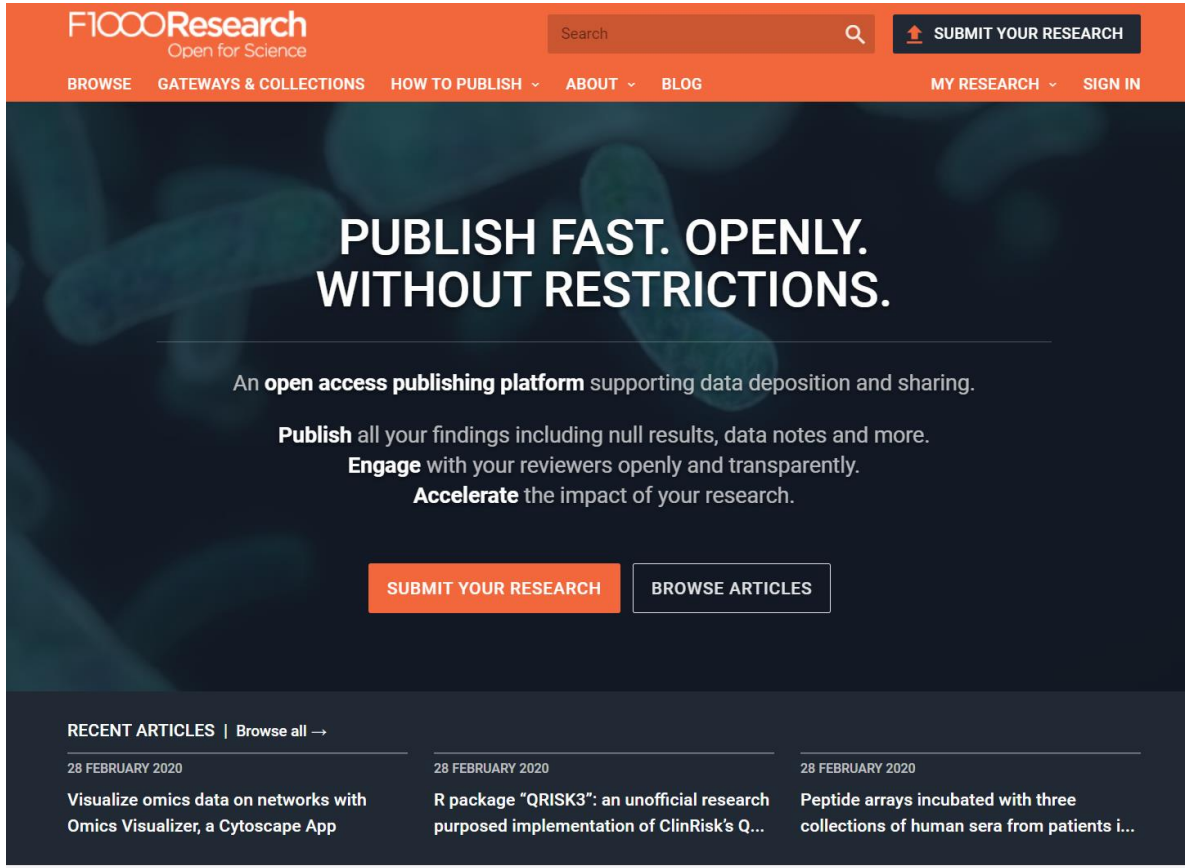
Desirable features of a scholarly communication system

理想的科学交流体系的特征

- **Support verification and reuse**: data underpinning findings should be ***FAIR***
- **Transparency, fairness and accountability of reviewers**
- **Holistic research evaluation system:** research judged according to its intrinsic value

- **支持验证与再利用**: 研究发现的数据应该公正：数据尽可能的公开
- **同行评审的透明性，公正性和可靠性:** 同行评审应该尽量透明，审稿人的贡献应该获得认可
- **透过内在价值来评估科研成果:** 应该提供一系列定性和定量指标供使用

Introducing F1000Research
关于F1000Research



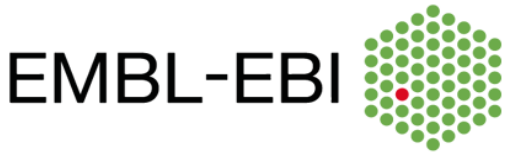
Launched in 2013
成立于2013年

Open research publishing platform for scientists, scholars and clinicians
科学家、学者和临床从业人员的开放研究出版平台

Aim to rethink and evolve scholarly communication system
旨在重塑和演化学术沟通系统

Working in partnership with funding agencies, academies and institutions
与赞助机构、院校和科研院所保持紧密合作

F1000Research的合作伙伴



合作伙伴

4,600+
研究机构

100%
常青藤联盟大学

11,800+
来自超过131个国家的作者

94%
英国、加拿大和澳大利亚的
顶级研究型大学

F1000 Research: Preprints + Journal-like model

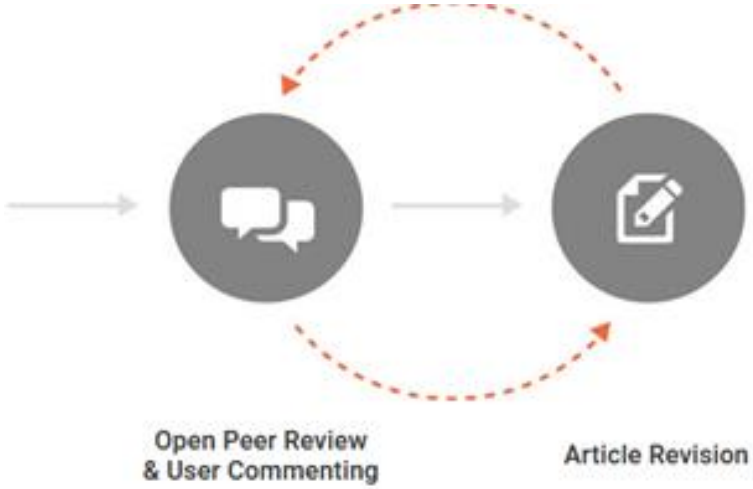
F1000 Research：预印本+类期刊模式

Submission and preprint-like stage
Open Access
投稿与类预印本阶段开放获取

Broad range of article types:
广泛的文章类型:
Research Articles 研究性文章
Data Notes 数据标注
Software Tools 软件工具
Methods Articles 方法论文章
Systematic Reviews etc 系统性综述等

Data accessible
数据可访问
Attention & usage metrics available
提供使用指标

Formal *invited* peer review
Indexing in bibliographic databases
正式邀请的同行评审——索引数据库



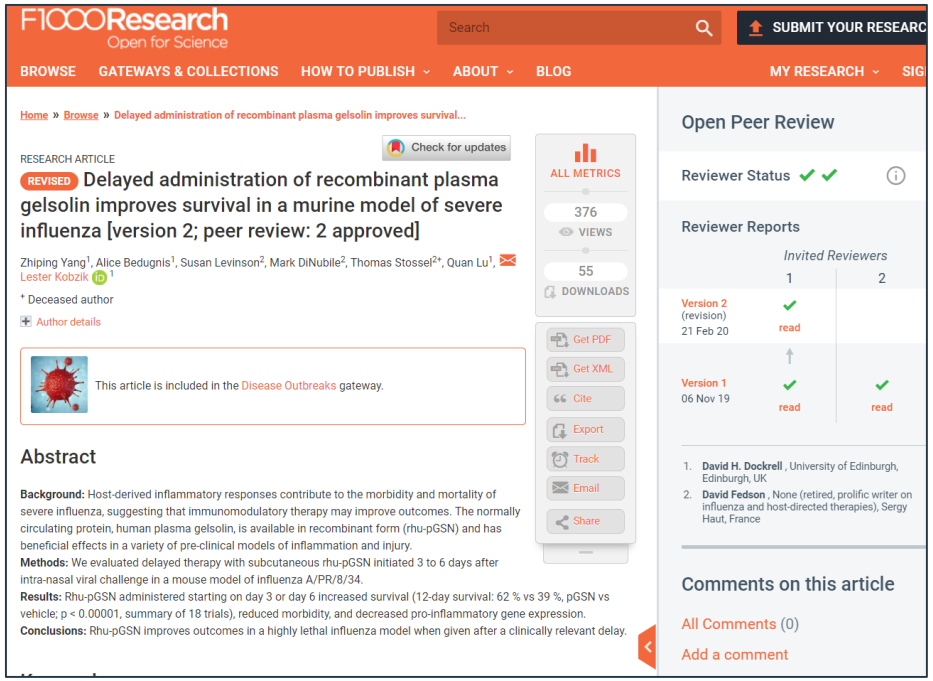
Review status 评审状态:

Approved

Approved with reservations

Not approved

Key features of publishing model
出版模型的关键特点



Publish a wide range of articles types beyond traditional research articles including data notes, research protocols, software tools
发表各种类型的文章，除了传统的研究文章，还包括数据笔记、研究协议、软件工具等。

Open Access – all content CC-BY, Plan S compliant, citable, indexed
开放获取 – 所有内容使用知识共享许可协议(CC-BY)、与Plan -S计划要求一致、可引用、且被收录

Mandatory FAIR data policy – CC0 / CC-BY '*as open as possible, as closed as necessary*'
强制FAIR数据政策 – CC0/CC-BY 文章数据尽可能公开，必要情况下不公开

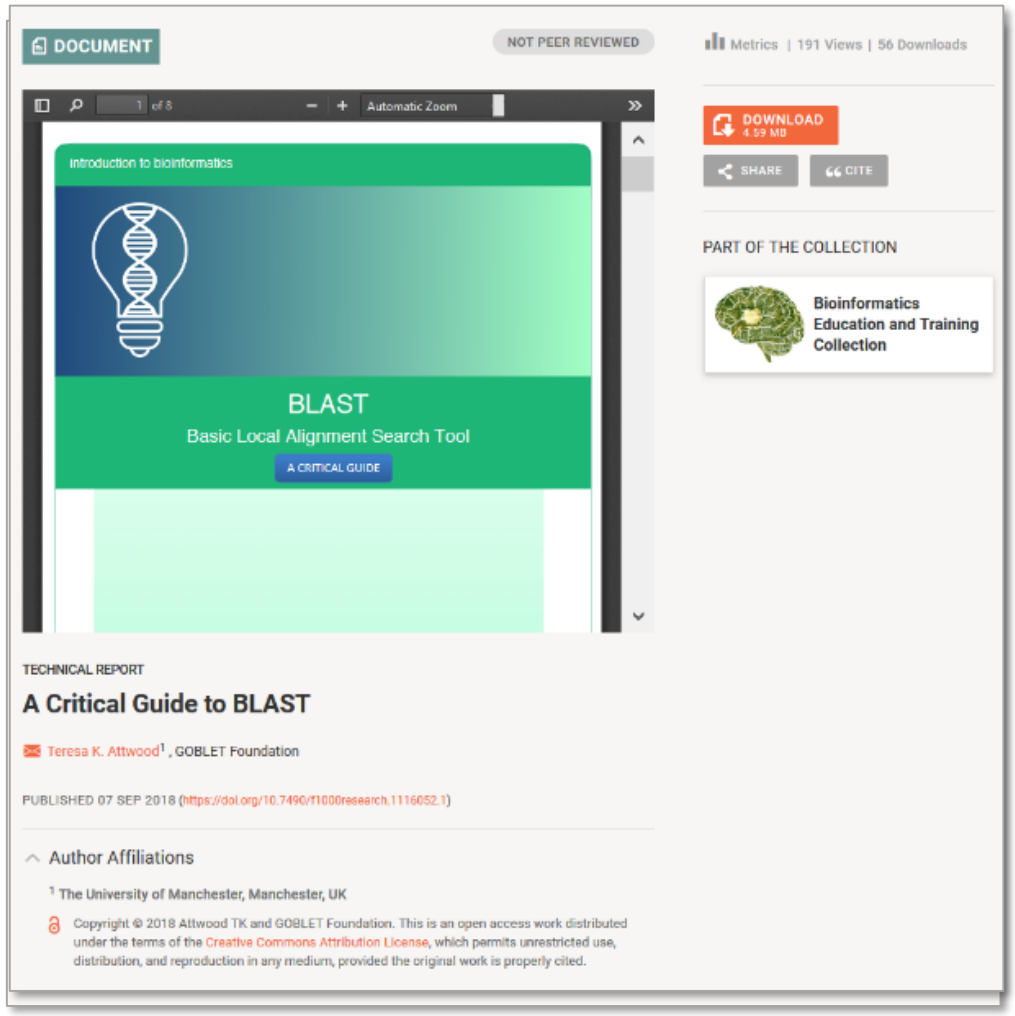
Fully, open transparent peer review – invited peer review, open identities, ORCID IDs
完全公开透明的同行评议过程 – 邀请制同行评议，身份公开，使用ORCID

Living and interactive figures – can be supported and visualised as part of the article
动态数据交互 – 作为文章的一部分实现可视化，有效支撑论文

Continuous publishing – linked versions for revisions and updates
连续出版 – 用于修改和更新相关联版本

Article-based citation and attention metrics
基于单篇文章的引用和被关注指标

Elevating the status of other research output
提升其他类型研究成果的地位



Elevates the status of research-related content
提高研究相关内容的地位

Supports move towards more holistic view of research outputs (e.g. DORA)
支持更综合地评估研究成果(例如DORA)

Documents: range of types: Technical reports; Policy guidelines; Briefings; Factsheets; Impact reports; Training materials etc
文件：类型：技术支持文件、政策指南、影响力报告、培训材料等

Publishing services applied:
出版服务

- editorial checks prior to publication 编辑在出版前进行检查
- content is **Open Access** – default CC-BY**内容开放获取**– 默认为CC-BY
- content gets a **unique (DOI)** 内容有**独立DOI**
- **usage metrics** – views, downloads **用量指标** – 浏览数、下载数
- commenting functionality support **engagement & discussion** 评论功能支持**互动和讨论**

Transparent peer review and discussion

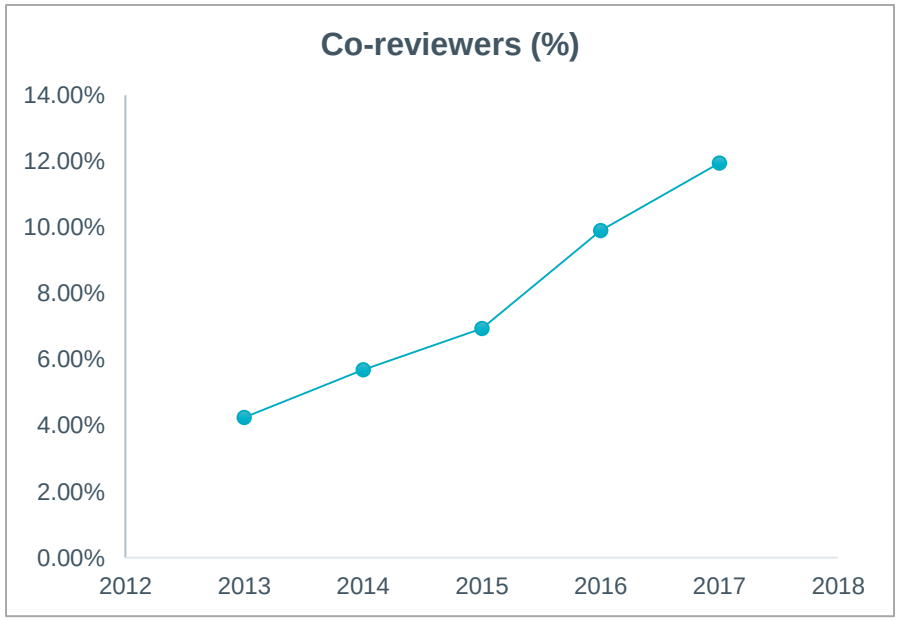
透明的同行评审与讨论

Reviewers 审稿人:

→ get credit for contributing to discussion
因参与讨论获得赞誉

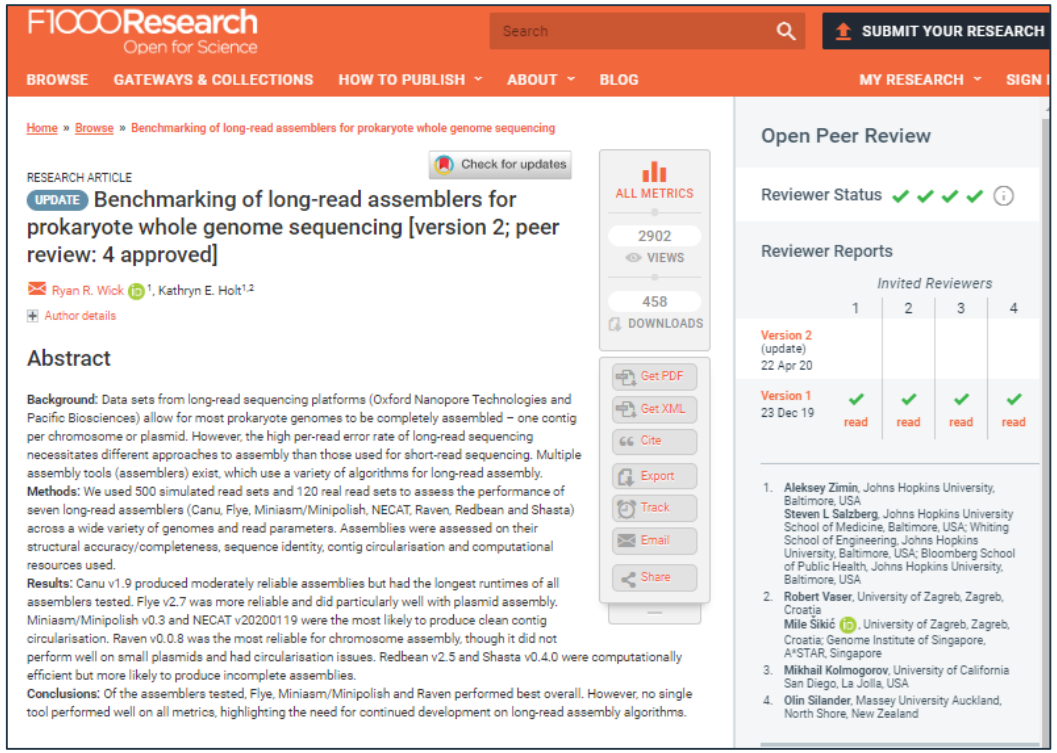
→ focus on helping authors improve their work
专注在帮助作者改进研究工作

→ good training for Early Career Researchers
对研究人员的早期研究生涯是很好的训练



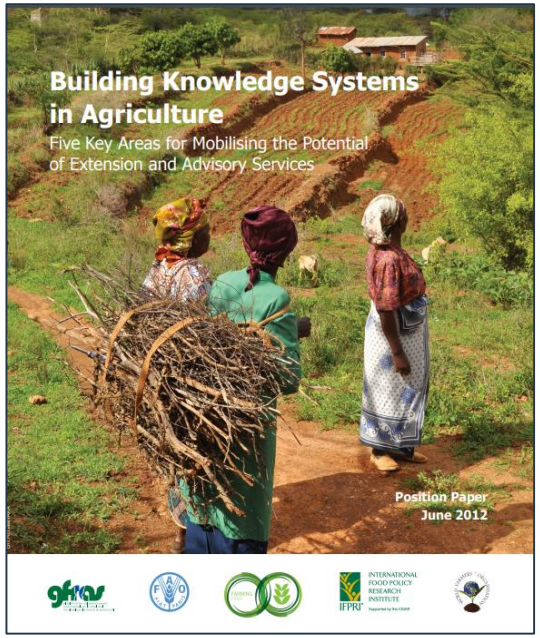
F1000Research publishing: a diversity of output

Original research publishing
Peer reviewed

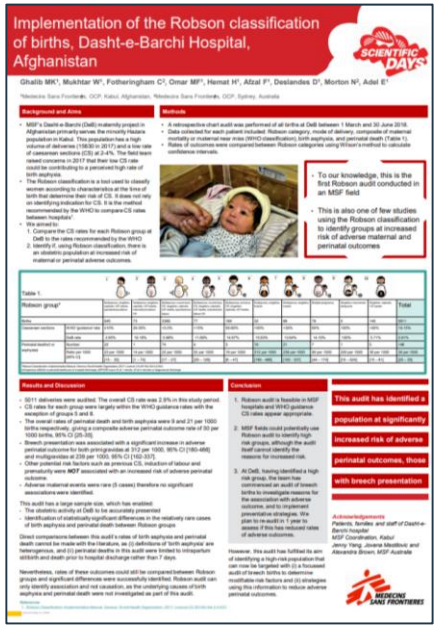


Other research-based content
Not peer reviewed

Documents



Posters



Slide Decks

Pre-publication checks

Assessing originality, readability, author eligibility, and compliance with F1000Research's policies and ethical guidelines

Pre-publication checks ensure that the work:

- is original – not plagilarised
- at least one author is a qualified researcher/scholar
- meets research and publication standards, including ethical guidelines
- includes all underpinning methodological details and relevant data in accordance with the Open Data guidelines (with safeguards '*as open as possible as closed as necessary*')

Once an article passes the editorial checks the Article Processing Charge is due. Details at https://f1000research.com/for-authors/article-processing-charges

F1000Research

1. Mega Journal
2. Gateway
3. Platform

F1000Research

Information Classification: General

Publish fast. Openly.
Without restrictions.
快速、开放、无限制
进行出版
F1000Research

学术机构的出版选择

Gateways

F1000Research Gateways是F1000Research出版平台上的一个开放研究出版中心，包含的功能可用于出版 多种类型学术论文和其他研究相关产出。

Platforms

F1000Research Platforms是一个独立的开放研究出版平台，支持出版多种类型的学术论文和其他研究相关 输出，每篇文章都会拥有唯一的Platform引用标识。F1000Research Platform完全由客户自主掌控，保证 客户品牌导向，可定制服务，由F1000提供所有基础框架和编辑服务。

Open Research Platforms powered by F1000Research
由F1000Research开发、支持的开放研究平台

European Commission

wellcome

BILL & MELINDA GATES foundation

amrc
ASSOCIATION OF MEDICAL RESEARCH CHARITIES

HRB Health Research Board

The African Academy of Sciences

一个提供完全定制化及可控性的开放研究 出版解决方案——客户掌控，我们执行：

Scholarly publishing 学术出版

- Post-publication peer review 出版后同行评议
- Open, invited peer review 公开，邀请同行评议
- Fully Open Access solution 完全开放获取解决方案

Publishing other content 出版其他内容

- Publish policy, technical and training reports and manuals 出版政策、技术和培训报告以及手册
- Checked by in-house Editorial Team, *not-peer-reviewed* 由内部编辑团队审查，*非同行评议*
- Opportunity to bring in other related published output 带来其他相关出版产出的机会

Supporting conferences, meetings and workshops 支持学术会议、研讨会和工作坊

- Place for publication of posters, slide decks & meeting reports 可供出版海报、演示文档和会议报告的位置
- Online commenting functionality 线上评论功能

Why do funders/institutions set up a Platform?

为什么基金组织和科研机构需要建立一个平台?

- To **reduce research waste** – to provide a venue to enable researchers to share *all* their findings (in a Plan S-compliant way)
- To enable a **more holistic assessment** of their researchers' outputs
- To **reduce costs** (Wellcome's assessment show's 64% reduction in cost compared to what they pay to other Open Access publications)
- To **simplify the process** of publication for their researchers – so they can spend more time doing the actual research
- To support efforts to shift their organisation to more **open knowledge practices**
- **Fully customizable** and **controlled by the organisation**

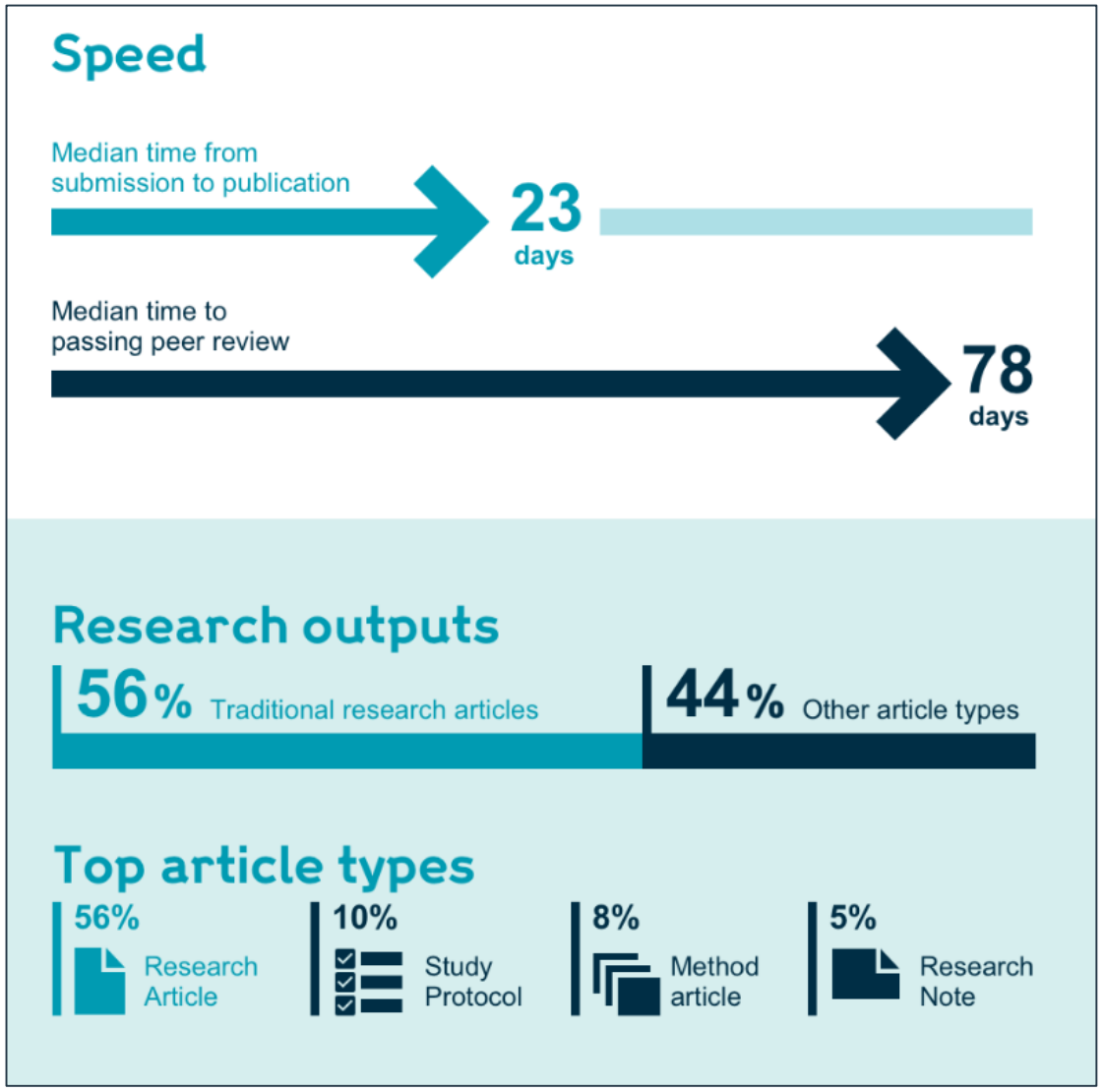
- **减少科研浪费**-鼓励科研人员分享他们的全部科研成果
- 对其研究人员的科研产出进行**更综合的评估**
- **降低费用**（英国威康基金会评估显示，与支付给其他开放获取出版物相比，费用下降64%）
- **简化出版流程**-让研究人员花费更多时间在实际科研工作上
- 对机构**向知识开放实践**给予支持
- **机构可以充分定制和完全掌控**

Platforms

Powered by F1000Research

英国威康基金会开放研究平台

wellcome



Platforms

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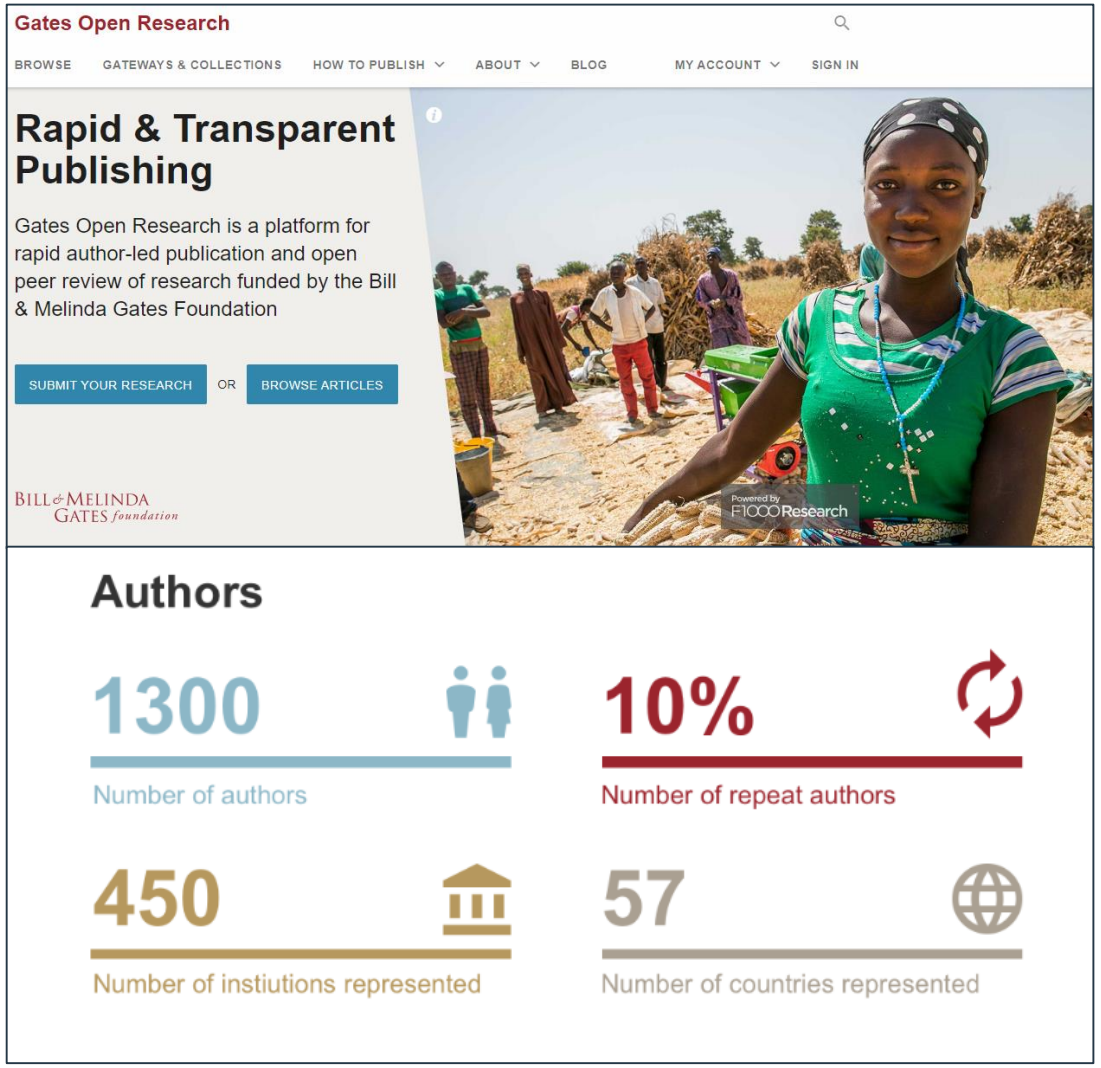

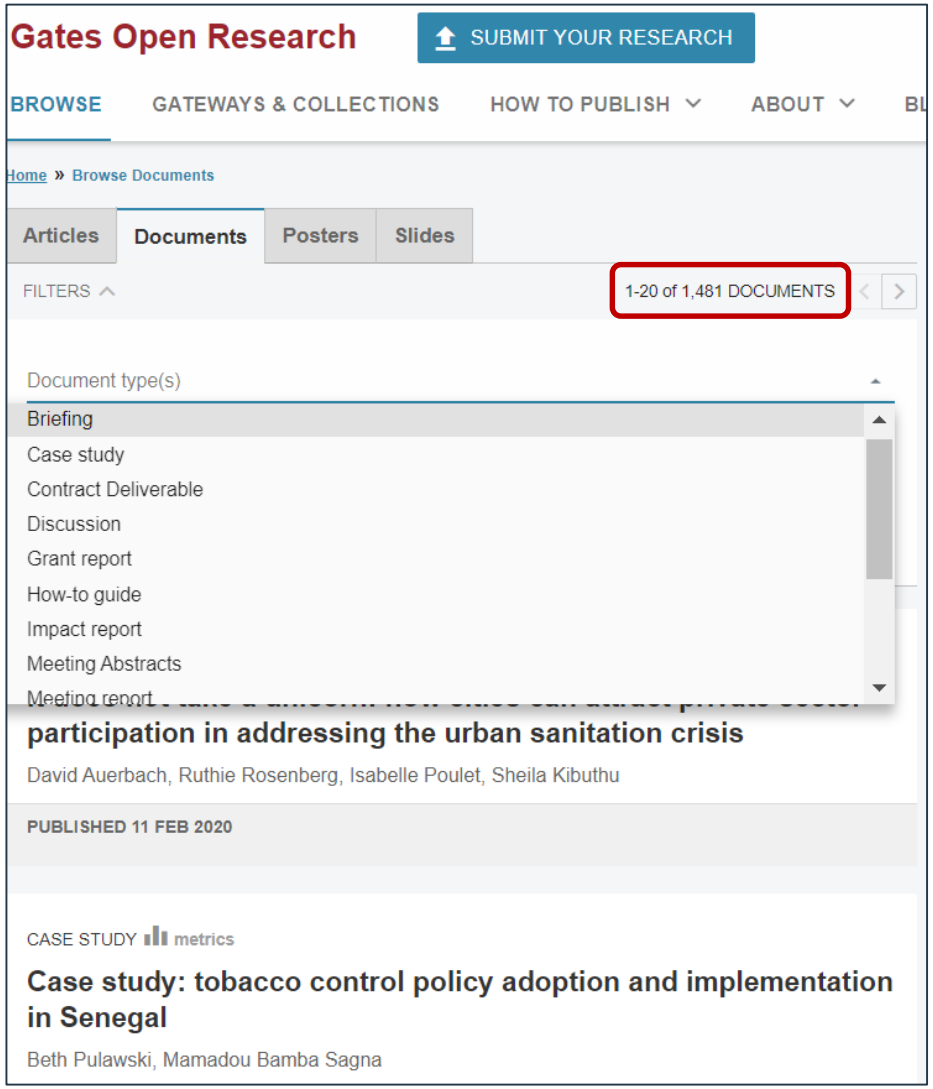

Platforms

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European Commission

Open Research Europe coming soon

欧洲开放研究即将上线

Platform for the European Commission for **all Horizon 2020 grant beneficiaries (c€80bn of grant funding awarded)**

欧盟委员会面向所有地平线2020年基金受益人的平台(共800亿欧元基金资金)

Covers all disciplines 涵盖所有学科

Due to deliver in **Q1 2021**

预计2021年第一季度交付

F1000Reserach 技术特色和前景展望

- Pilot an open research platform **controlled by your institutions**
  一个由您的大学或研究机构掌控的开放研究出版平台
- **Publishing option available for researchers**:
  可供研究人员选择的出版选项:
  - open to all? 开放给所有人?
  - start with specific subjects or institutes? 指定学科和院所率先试点?
- **F1000Research** would **provide publishing services** – technology & editorial
  F1000Research提供出版服务 — 技术层面和编辑层面
- Optional **Chinese language** publishing
  可选择中文出版
- Provide you with a **domestic Chinese publication** with international influence
  为您提供具有国际影响力的国内出版平台

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Any questions?

问题与建议

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