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推动共享，加速开放

孙赫强

大中华区客户总监，学术出版

剑桥大学出版社

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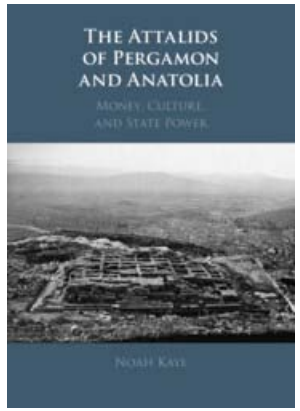
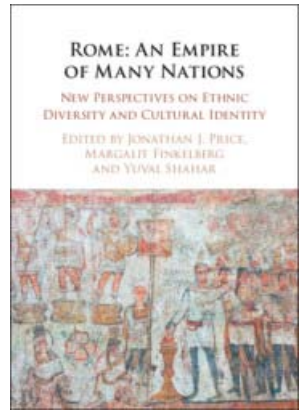
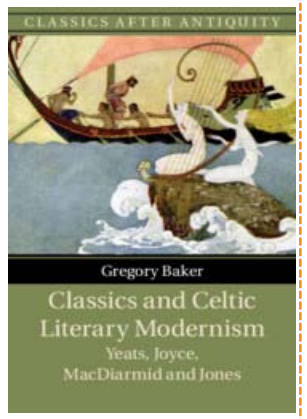
- 发布*Flip it Open*图书OA项目：100本图书中已有12本转为OA
- **推出全新开放获取期刊系列：**

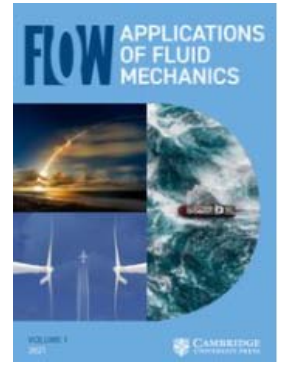
  Cambridge Prisms & Research Directions
- 7本期刊自2023年转为OA期刊

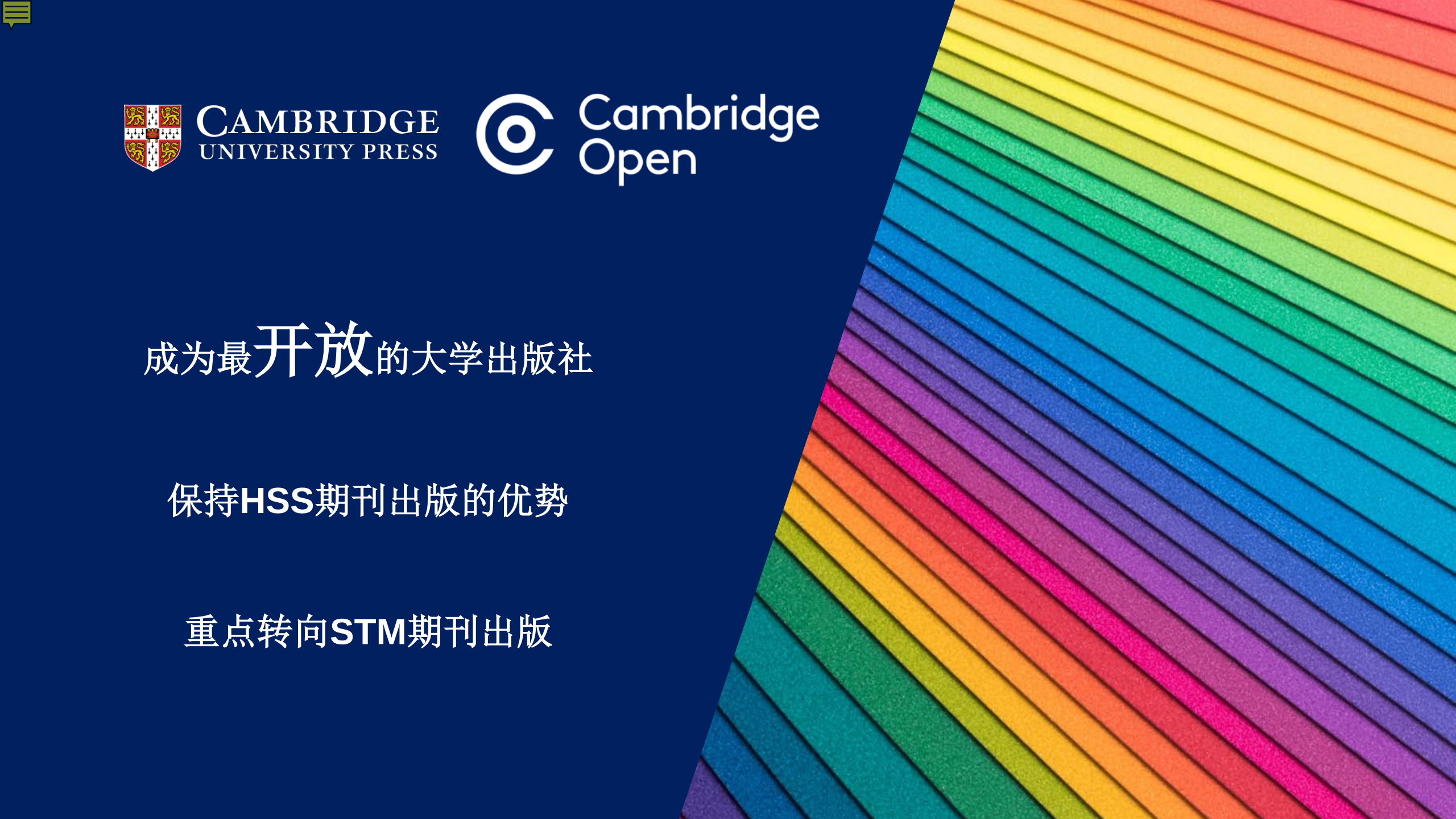
OA Book Pilot: Flip it Open







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保持HSS期刊出版的优势
重点转向STM期刊出版

全新STM开放获取期刊系列

Research Directions
Cambridge Prisms

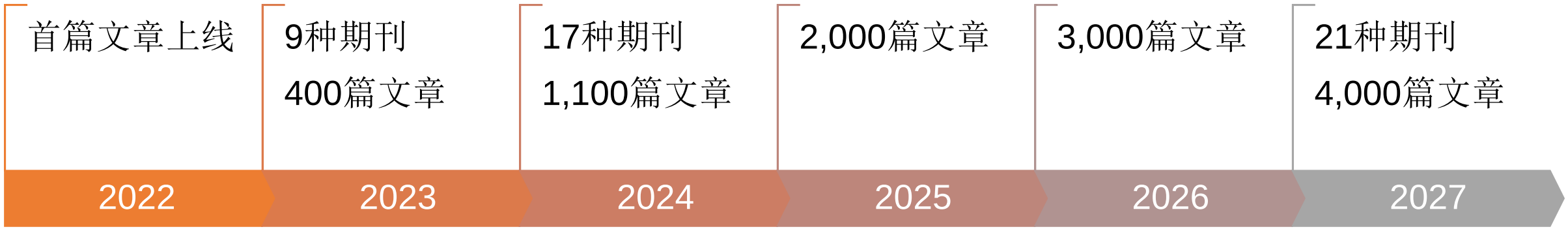
Cambridge Prisms 系列期刊以真正的跨学科精神应对现实世界的挑战，推动研究发现。我们希望通过这一期刊系列促进科学、环境、医学等众多领域的最新发展和不同观点的对话交流。

Research Directions 是一系列以问题为导向的开放获取期刊，它突破了传统出版模式的限制，能够更好地反映研究过程。来自不同领域的研究人员围绕跨越传统学科的基本问题，共同探寻这些问题的答案。

协作 | 跨学科 | 多样性 | 开放获取 | 现实相关性

全新STM开放获取期刊系列

Research Directions
Cambridge Prisms



2023: 10月31日前免收APC

2024: Cambridge Prisms & Research Directions将作为独立期刊包，机构支付极低的出版费用，其作者即可在所含期刊上免APC发表OA文章，无数量限制

全新STM开放获取期刊系列

Research Directions
Cambridge Prisms

开放同行评审

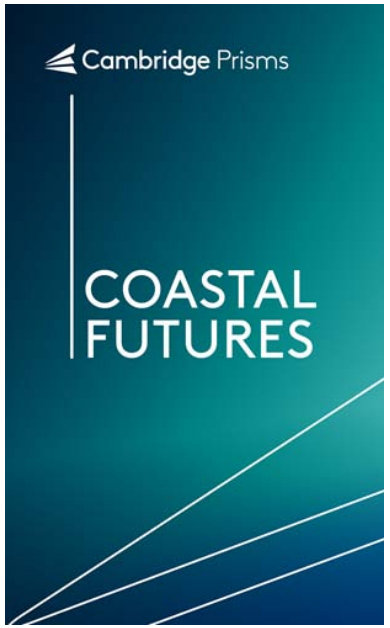
开放数据

开放研究的相关政策

解决现实问题

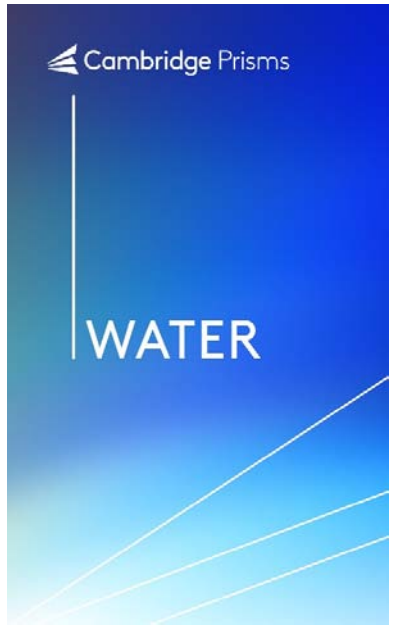
Cambridge Prisms

2023年1月上线



鼓励学者组成跨学科作者团队，丰富文章讨论的学术角度，为解决现实世界的问题提供实际参考

2023年5月上线



组建全球化跨学科的作者团队存在很多实际困难，因此我们的编辑非常乐意通过多样化的期刊编委团队帮助作者完成团队的组建

解决现实问题

Cambridge Prisms

- 打破学科间壁垒
- 建立跨学科跨区域的联系与合作
- 解决现实世界的热点问题

作为该系列的子刊，*Coastal Futures*旨在探索海岸系统涉及的各个方面，以及海岸系统的复杂性和变迁过程。该期刊聚焦物理、生物和社会要素的相互作用。这些要素与作用过程影响着海岸，并且也受海岸的影响。

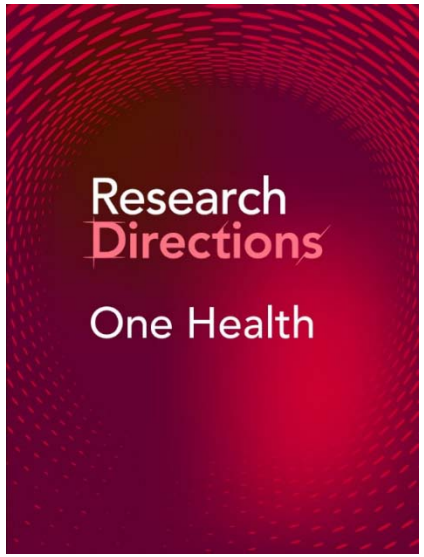
该期刊着重关注这些相互作用因素的发展动态及其对未来的启示作用。论文[illegible]盖学科内的研究及跨学科研究，包括物理学、化学、生物学、工程学、人文地[illegible]社会科学和法律。

[illegible]范围包括但不限于：

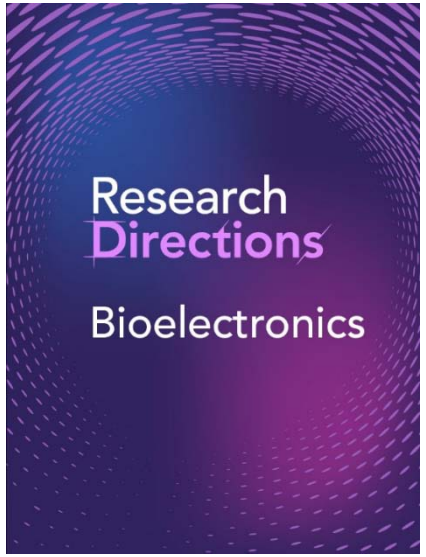
- [illegible]变化
- 沿海开发
- 保护与恢复
- 工程学
- 渔业
- 地貌学
- 治理与政策
- 监测
- 基于自然的解决方案
- 污染
- 社会和文化
- 旅游

一切从问题开始

2022年9月上线



2023年1月上线



打破传统出版模式边界，期刊编辑抛出问题，任意学者可从各自研究领域发表关于此问题的Results或Analysis文章，而非发表一篇完整研究文章

期刊编委每6个月评估一个问题是否需要关闭、修改或者继续保留。如果决定某个问题将要关闭，期刊编委将会邀请特定学者发表Impact文章，总结关于此问题的Results和Analysis

一切从问题开始

Research Directions

Question:

Can we grow a building and why would we want to?

Biotechnology Design

Contributions

We invite contributions in the following areas:

Results

Innovative methods of material synthesis and fabrication using biological processes supported by experimental data.

Assessment methods and results for understanding new biological materials for construction, for example, assessments of carbon sequestering, energy use in materials production, etc.

Examples of in-situ deployments of new materials including assessments of performance, quantitative and qualitative.

We also welcome null results papers that report experiments which may reveal fundamental limits of materials or processes.

Analysis

Reviews of key materials, technologies and case studies.

Proposals for design and/or assessment frameworks. These can include the design of new design or modelling computational software and hardware, deployments of models such as life cycle analysis for biological materials and processes. Approaches which address the circular economy or sustainable use of bio-based resources and processes.

Horizon scanning or 'call to action' articles assessing relevant emerging technologies.

Impact

Reviews of patents and industrial applications and interest in this area.

Critical evaluation of existing projects, and their likely efficacy, evaluated against existing

一切从问题开始

Research Directions

Question

Access | Open access

What role do aesthetics and sensory qualities play in biotechnology design?

Published online by Cambridge University Press

12 September 2022

Martyn Dade-Robertson, Ilana Kolodkin-Gal, Brenda Parker

Show abstract

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Question

Access | Open access

How can we design robust manufacturing metabolisms and reconsider the bioreactor?

Published online by Cambridge University Press

25 August 2022

Brenda Parker

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Research Directions: Biotechnology Design

What role do aesthetics and sensory qualities play in biotechnology design?

Published online by Cambridge University Press: 13 September 2022

Martyn Dade-Robertson, Ilana Kolodkin-Gal and Brenda Parker

Article | Connections | Metrics

Extract

The form and function of human-made objects has borrowed extensively from the natural world. Living systems can serve as the departure point for biomimicry, or as part of the experience in the case of biophilic design. However, bio-inspired design approaches often focus on an idealised and perfected representation of biology. As we design as we integrate biology into products, infrastructure, our conventional thinking on aesthetics may need to change. Real

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Article contents

Abstract

Context

Contributions

Competing interests

Access | Open access

What is Research Directions?

Research Directions

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Research Directions: Biotechnology Design

How can we design robust manufacturing metabolisms and reconsider the bioreactor?

Published online by Cambridge University Press: 26 August 2022

Brenda Parker

Article | Connections | Metrics

Extract

Biological manufacturing platforms open exciting opportunities to generate new materials, replace extractive processes, and perform ecosystem services through the deployment of metabolic pathways that are both found in nature and engineered. Further possibilities are generated through inter-kingdom collaborations and consortia-based pathways for manufacturing or biodegradation. In tandem, bioreactor technologies to support biocatalysis or

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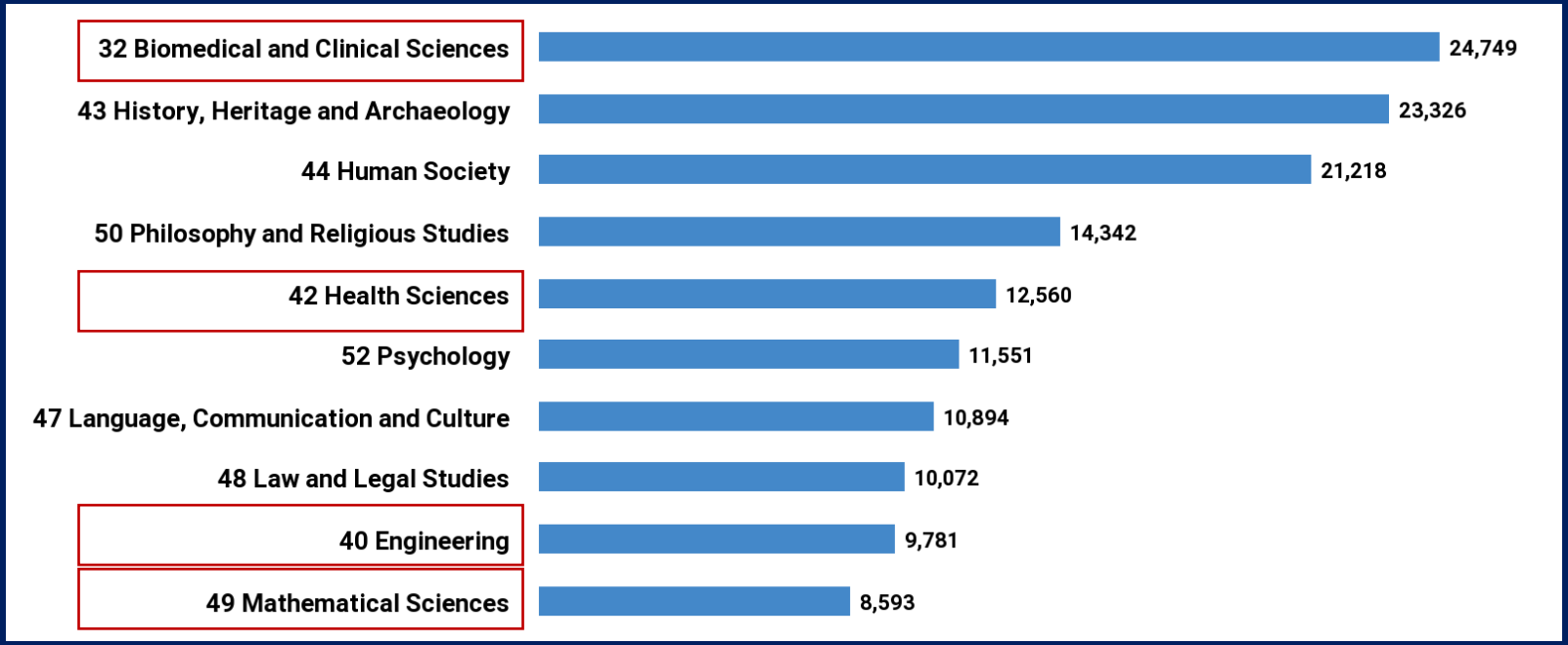

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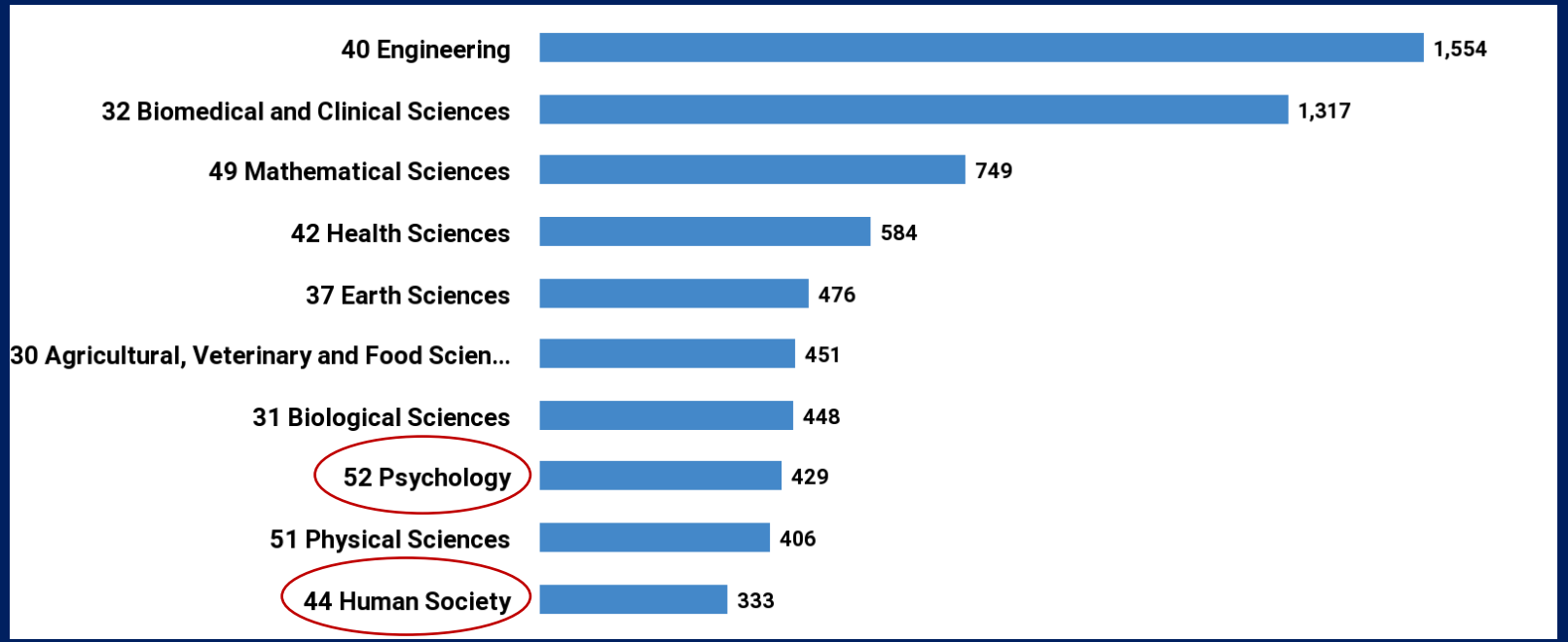
2018-2022 剑桥期刊全球作者发文中，STM文章约占

41%

2018-2022 剑桥期刊中国作者发文中，STM文章占比则达到

76%



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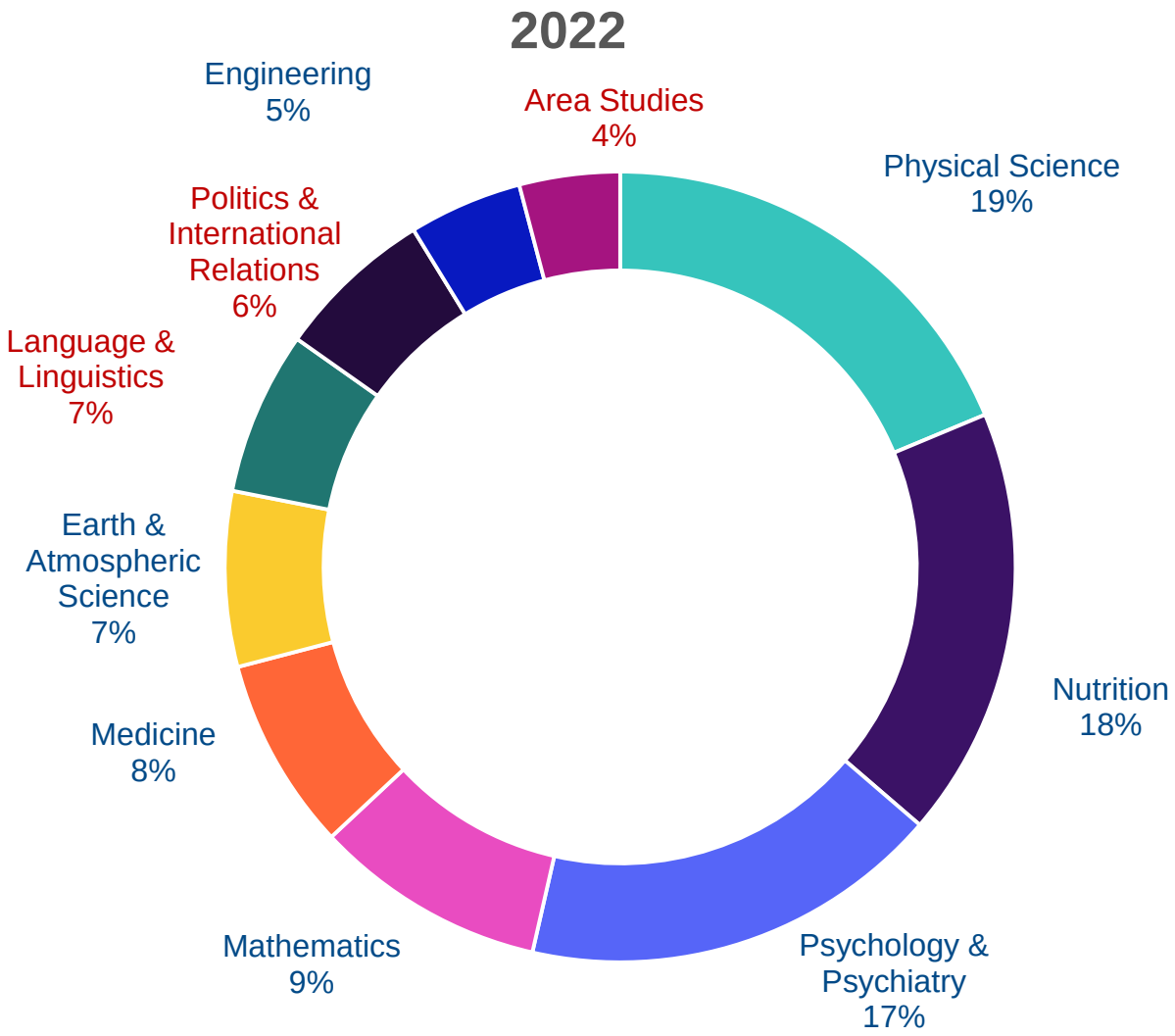

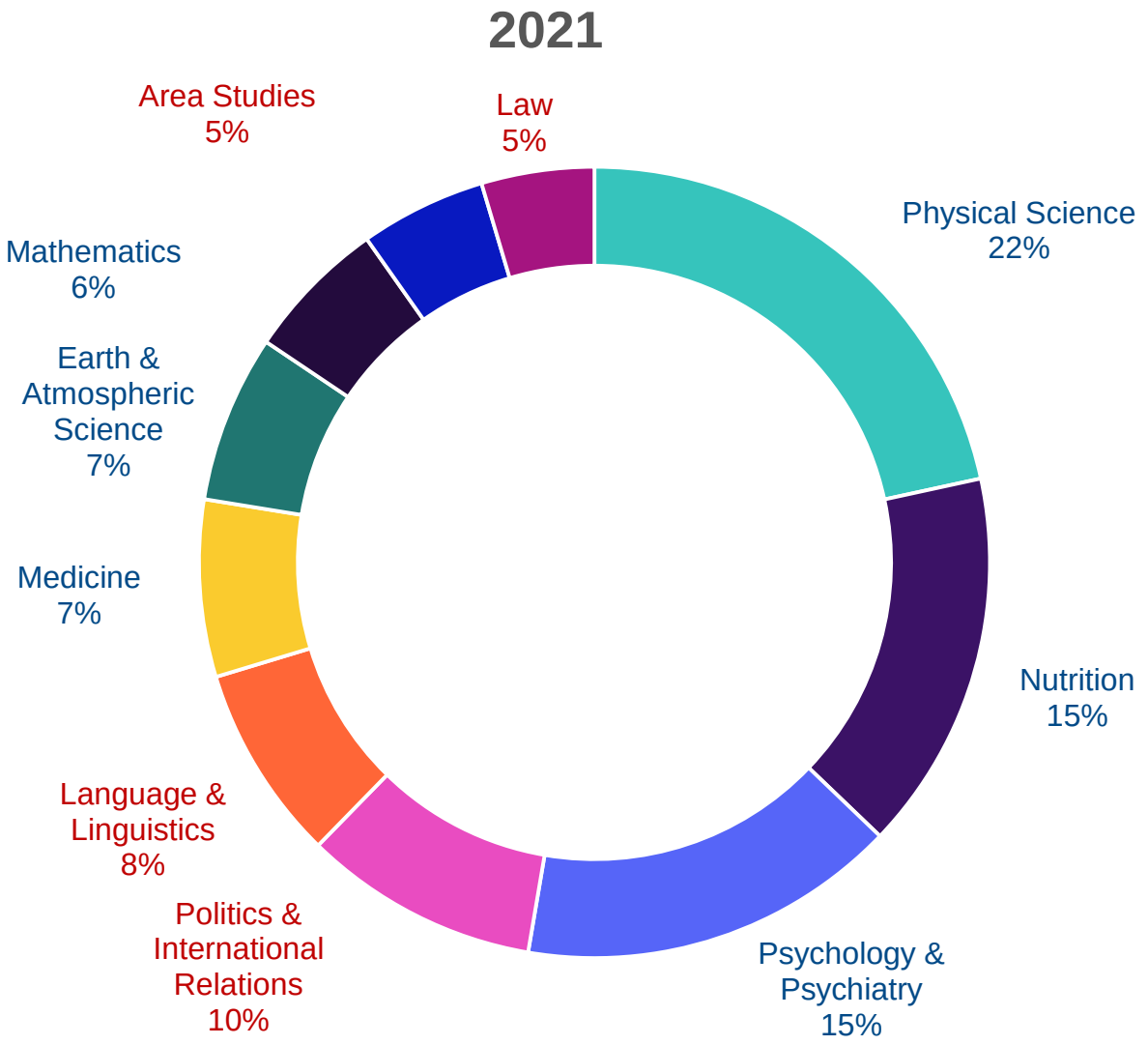

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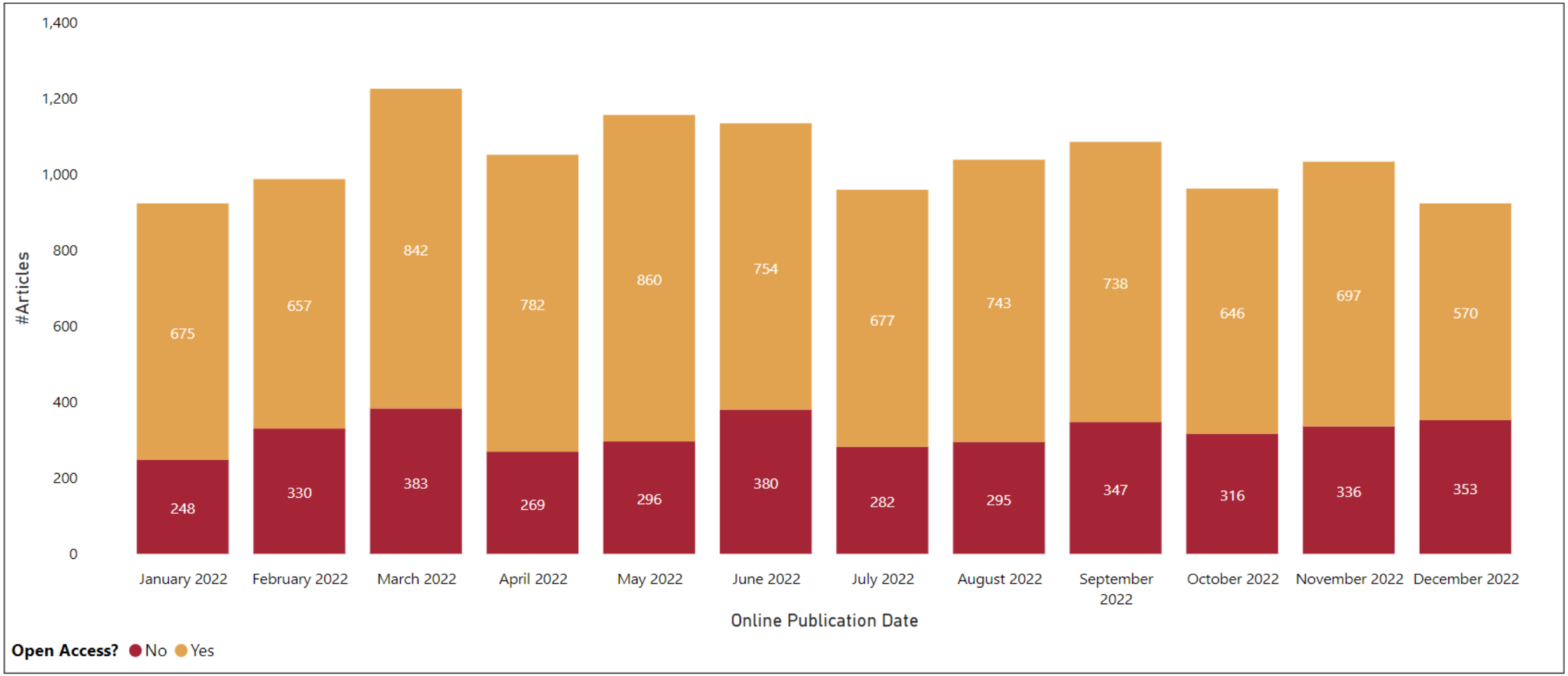
2022 剑桥全球转换协议用户发文情况

Reporting Year: 2022

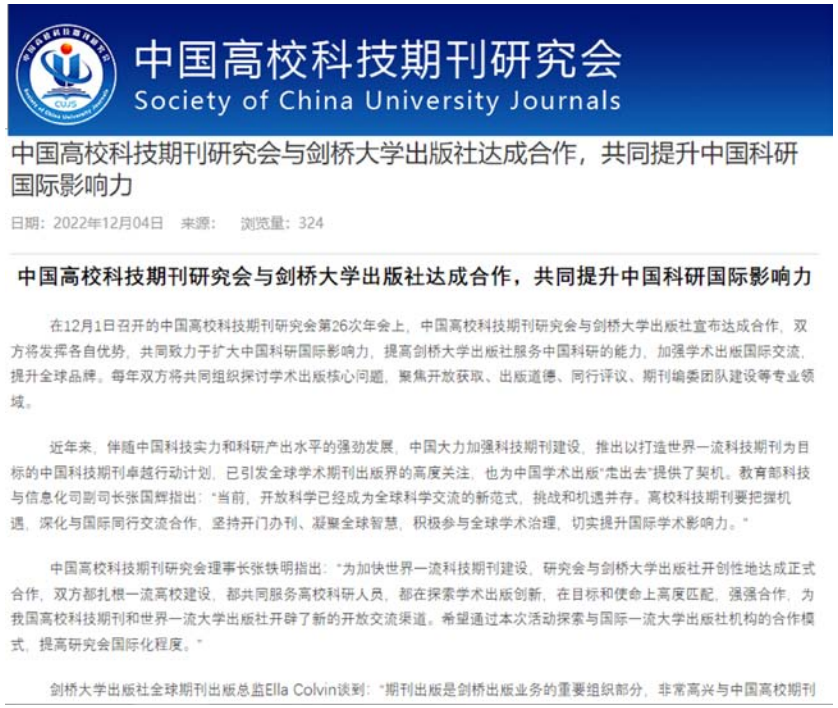
Deal: All

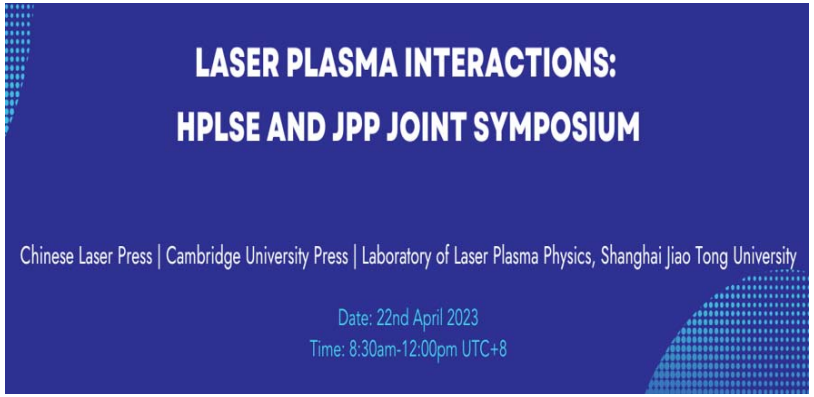
Running Publishing Totals:

Total Publishing	OA	OA %
12K	8393	67%



增进与中国学术机构的合作



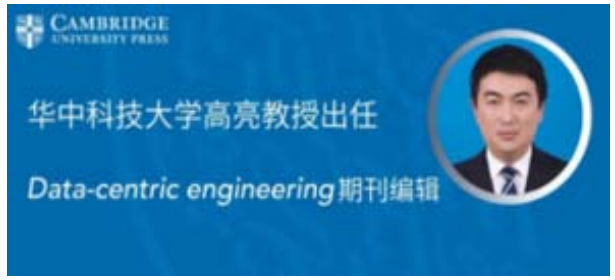


- **2022**年与中国高校科技期刊研究会建立了战略合作
- 与多家国内高校及学术机构合作举办了线上*/*线下研讨会，包括上海交通大学、西北工业大学、中国流体力学学会、中国激光杂志社等
- 与清华大学合作共同招募期刊编委

加强与中国学者的合作

邀请到来自众多知名学术机构的专家担任编委；通过社交媒体平台积极推广来自中国作者的研究成果

JFM期刊新任副主编：清华大学吴子牛



JFM期刊新任副主编：南方科技大学王连平

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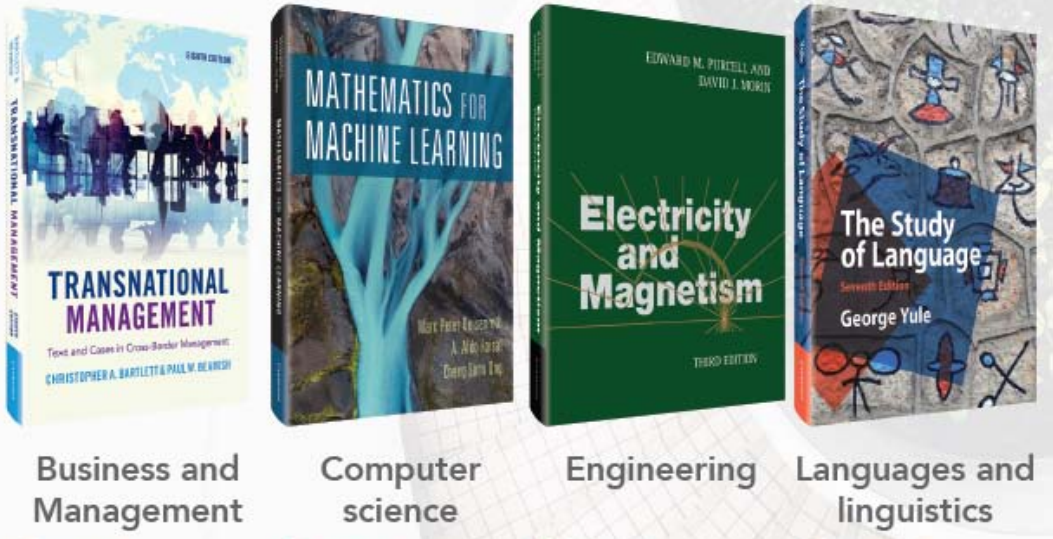
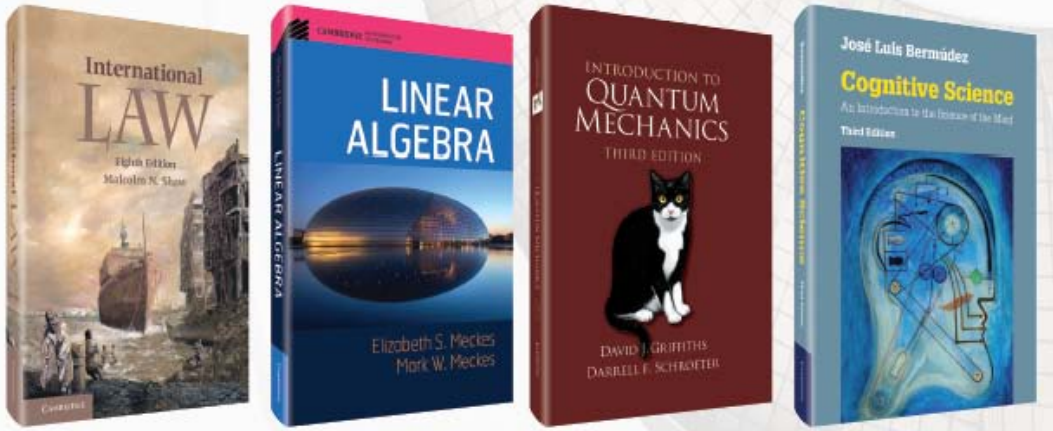


Business and Management | Computer science | Engineering | Languages and linguistics



Law | Mathematics | Physics and astronomy | Psychology

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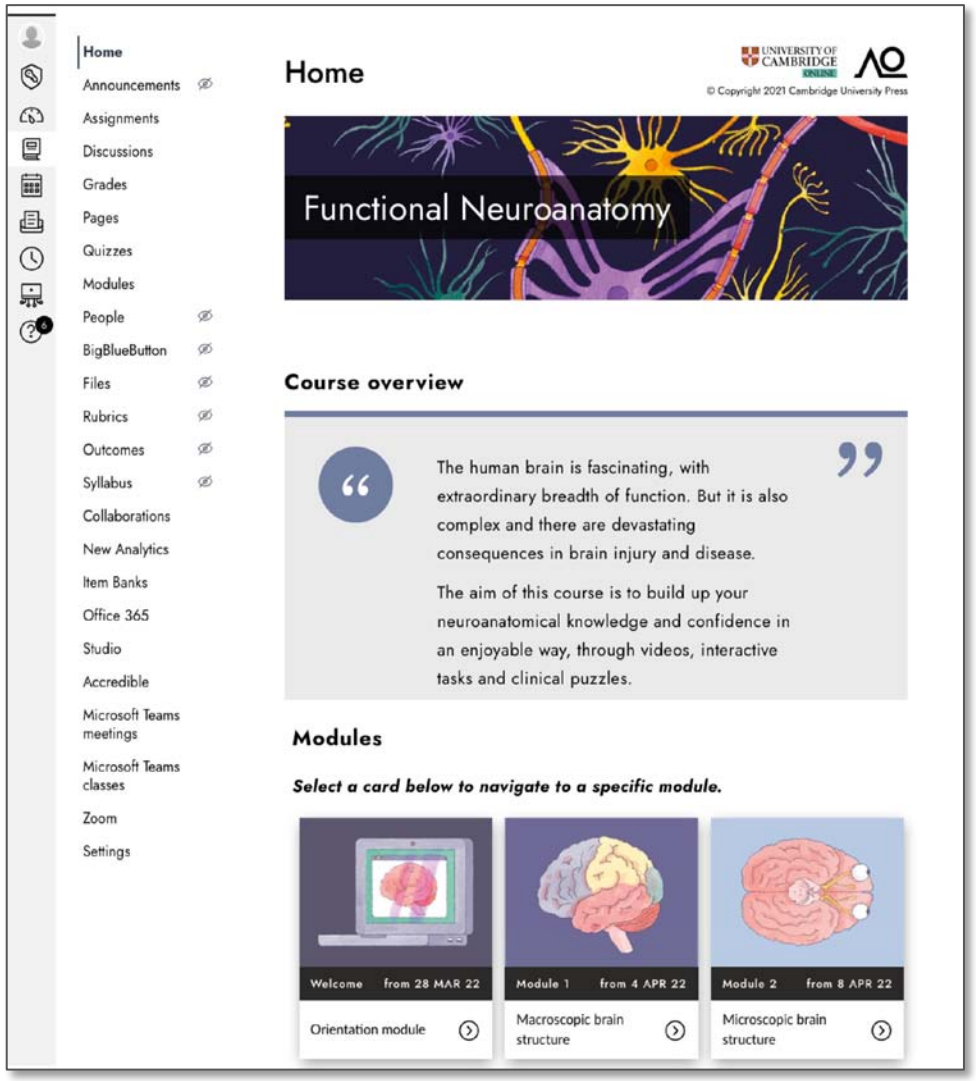
Cambridge Advance Online 在线课程



- 剑桥大学学者授课的**6-8**周短期在线课程
- 面向希望提升专业技能、加强国际同行间交流的专业人士
- 设有自主学习和同行合作等模块，并有数个学术研讨会直接与剑桥大学教授在线交流
- 完成课程后将获得剑桥大学颁发的证书
- 目前已有近20个课程，涵盖生物技术、经济管理、大数据、技术转移等

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谢 谢!

孙赫强
Samuel.Sun@cambridge.org