



Open Research Europe

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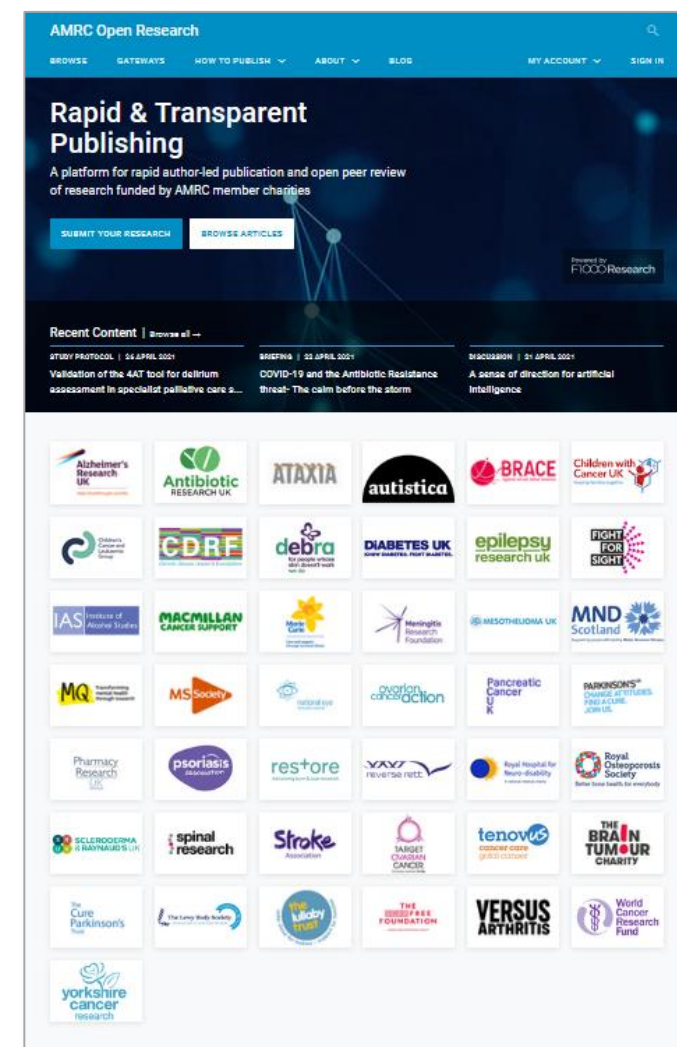
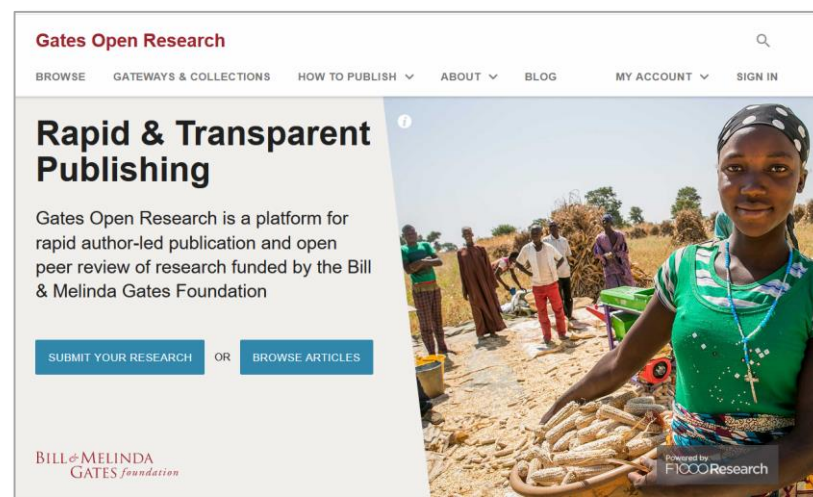
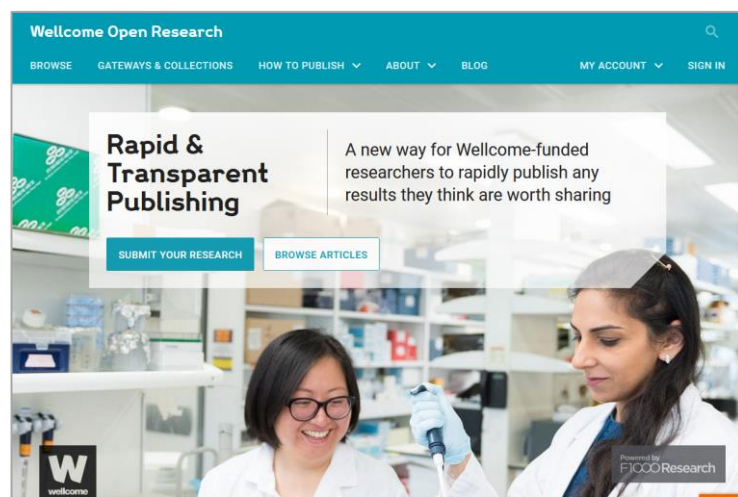
What is Open Research Europe (ORE)?

- ✓ **High-quality, reliable and efficient** publishing venue for Horizon research
- ✓ **High scientific standards**, with swift and transparent processes
- ✓ **Expert Scientific Advisory Board**
- ✓ **No cost to authors/beneficiaries**
- ✓ **Optional**, venue where grantees can **publish wide range of output types** covering the results of their work, while meeting their **open access** obligations

Purpose of Open Research Europe

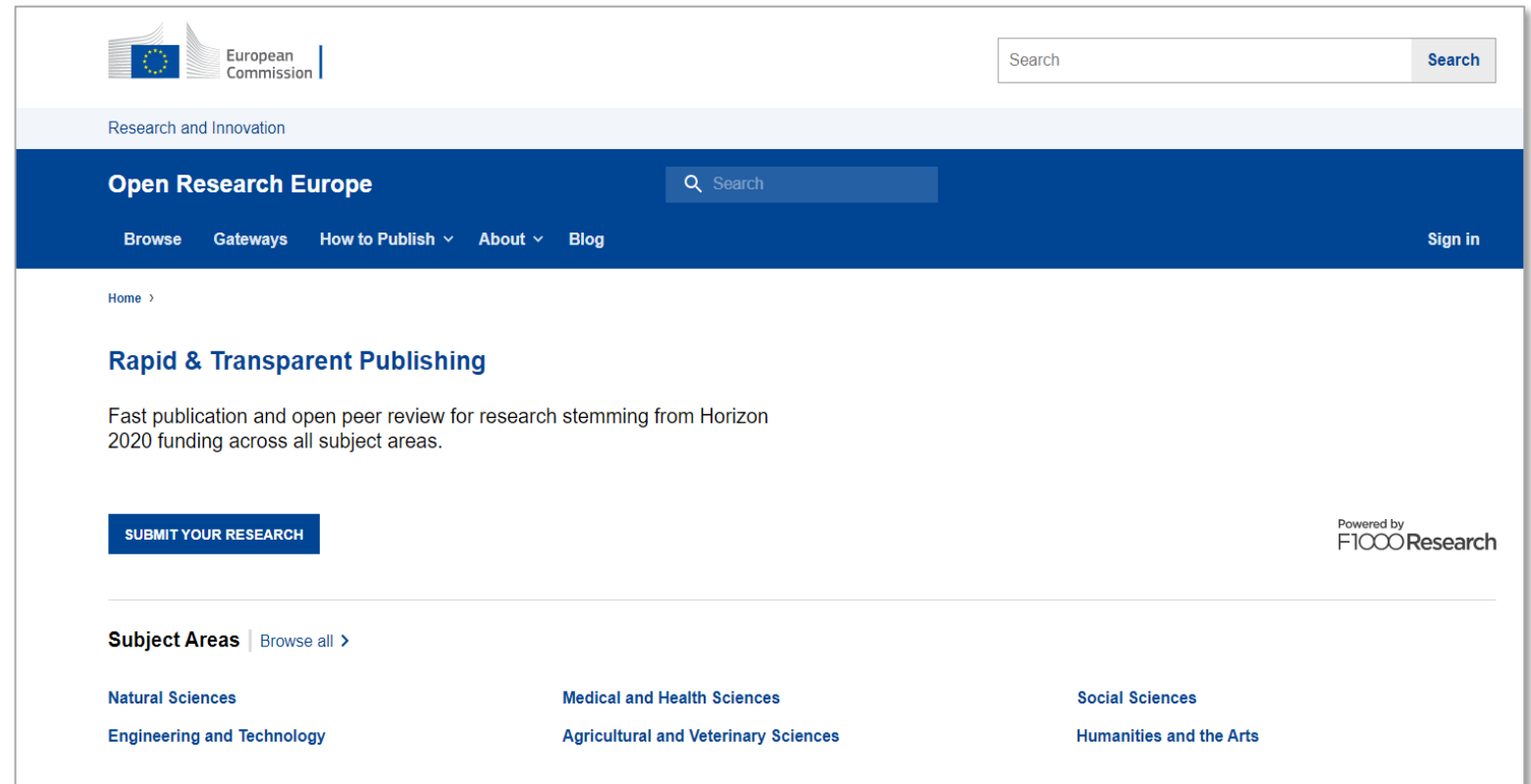
- ✓ **To enable the Commission to lead by example** in operationalising Open Research principles e.g. open access, FAIR data, early sharing of research, open peer review, article level metrics and indicators
- ✓ **Transparency and cost-effectiveness** – APCs paid for by the Commission are set in procurement (780 euros)
- ✓ To exploring **sustainable** open access publishing **business models**:
 - ❖ cost effective publishing
 - ❖ potential to broaden the platform to other European funders and institutions
 - ❖ be interoperable with existing infrastructures.

Builds on many similar Open Research publishing platforms



Open Research Europe (ORE)

- ❖ **Public Procurement** – 5.8 Million EUR contract signed in March 2020 with F1000 Research
- ❖ **GYA, LIBER and Eurodoc** as formal collaborators on communication and sustainability
- ❖ **OpenAIRE** are a partner to help with syndication and communication of ORE

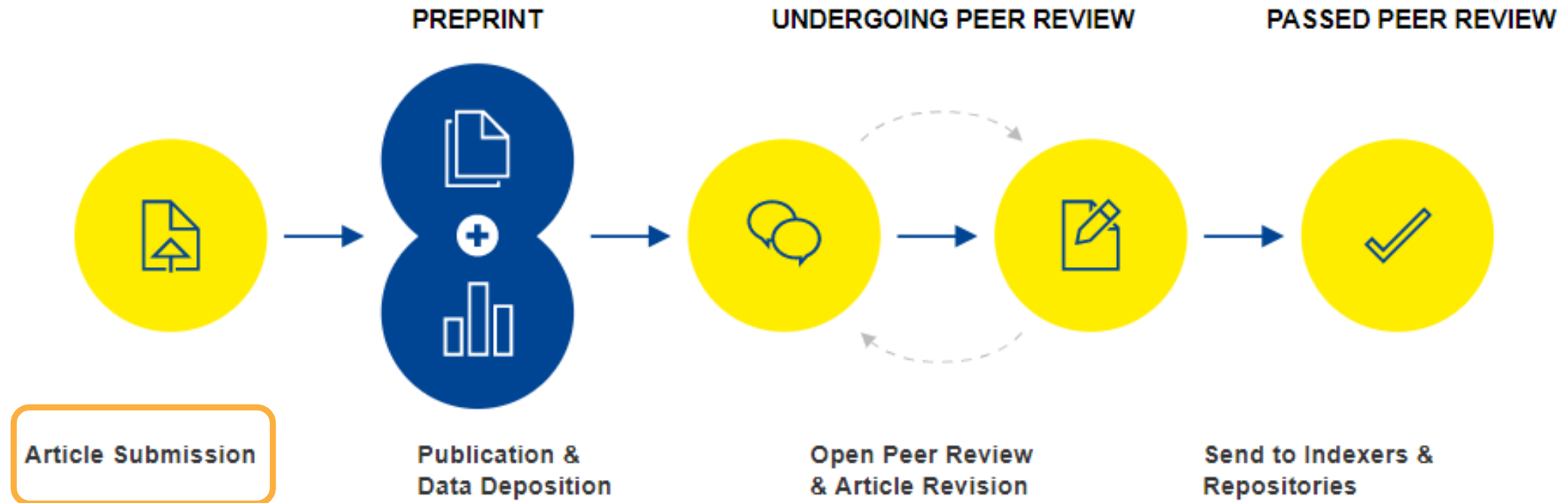


<https://open-research-europe.ec.europa.eu/>

ORE: How it works

The publishing model

Open Research Publishing Model



Rigorous pre-publication checks

Upon Submission

- Assess author eligibility
- Check article scope
- Check for plagiarism



Pre-publication Checks

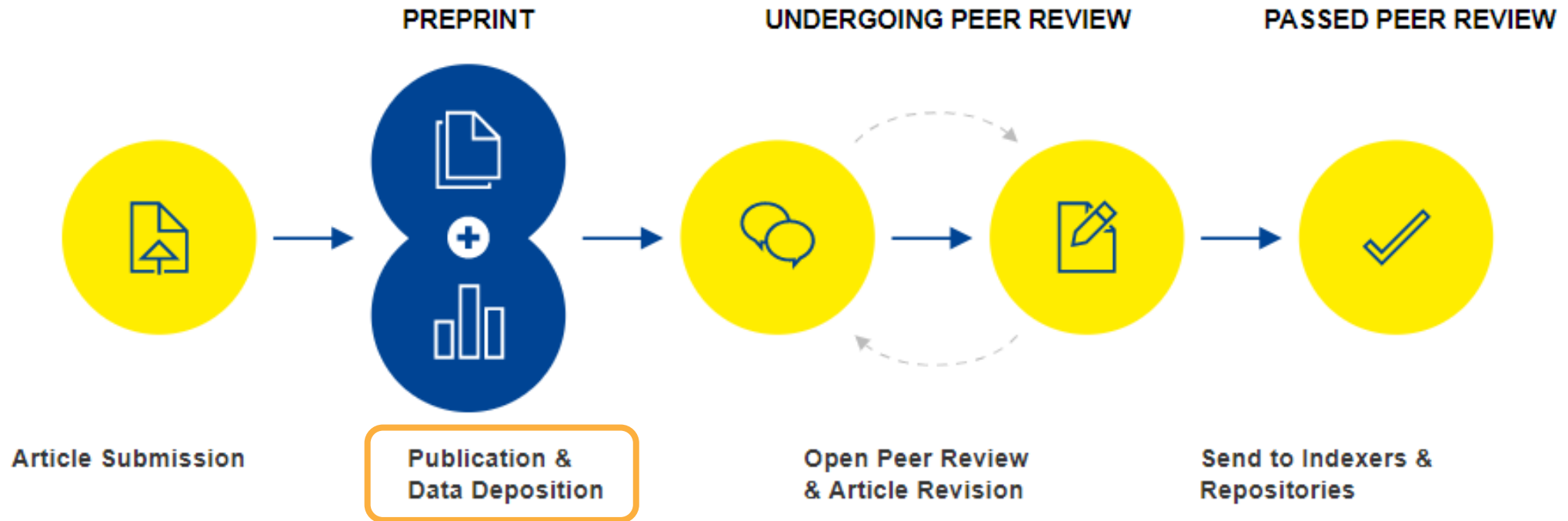
- Comprehensive checks on reporting, editorial & ethical guidelines
- Check for data availability
- Support authors in making data and software FAIR



Production

- Converted to text and data-mining formats (PDF, HTML, XML)
- Proofs and editing if necessary
- Quality checks on citations, references, image resolutions & multimedia
- Ensure persistent identifiers are assigned and resolve correctly

Open Research Publishing Model



Preprint example

The screenshot shows the Open Research Europe interface. At the top, there's a search bar and the European Commission logo. Below the navigation bar, the article title is "SESAME – a synchrotron light source in the Middle East: an international research infrastructure in the making [version 1; peer review awaiting peer review]". The status "awaiting peer review" is circled in red. To the right, the "Open Peer Review" sidebar shows the "Reviewer Status" as "AWAITING PEER REVIEW", also circled in red. The authors listed are Charlotte Rungius, Tim Flink, and Sebastian Riedel. The abstract begins with "SESAME (Synchrotron-light for Experimental Science and Applications in the Middle East) is an international research centre located in Jordan. The centre was established in the late 1990s with the intention to foster scientific cooperation in a region of the world that has been torn by persistent conflicts. The project is built on the idea that science can help to overcome barriers and cultural differences within the common ground of science and research. SESAME's core ambition is to operate".

European Commission

Research and Innovation

Open Research Europe

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Home > Articles > SESAME – a synchrotron light source in the Middle East: an...

CASE STUDY

SESAME – a synchrotron light source in the Middle East: an international research infrastructure in the making [version 1; peer review awaiting peer review]

Charlotte Rungius, Tim Flink, Sebastian Riedel

This article is included in Societal Challenges gateway

Article | Authors | Metrics

Abstract

SESAME (Synchrotron-light for Experimental Science and Applications in the Middle East) is an international research centre located in Jordan. The centre was established in the late 1990s with the intention to foster scientific cooperation in a region of the world that has been torn by persistent conflicts. The project is built on the idea that science can help to overcome barriers and cultural differences within the common ground of science and research. SESAME's core ambition is to operate

Open Peer Review

Reviewer Status
AWAITING PEER REVIEW

Comments on this article
All Comments (0)

Sign in to comment

<https://open-research-europe.ec.europa.eu/articles/1-51>

Data and Software Availability

ORE requires that, where possible, the source data underlying the results are made available at publication

However, the sharing of research data **must**:

- Protect the confidentiality, security and privacy of individuals
- Respect the terms of consent by individuals who are involved in research
- Be consistent with Horizon 2020 legal, ethical and regulatory frameworks

<https://open-research-europe.ec.europa.eu/for-authors/data-guidelines>

Data availability

OSF: Improving the touchscreen-based food approach-avoidance task: remediated block-order effects and initial findings regarding validity

<https://doi.org/10.17605/OSF.IO/EZ7KA> (Kahveci *et al.*, 2021)

This project contains the following underlying data:

Raw data files:

- Anthropometry.sav (height and weight measured during the lab session)
- 1_SCIAT.csv – 61_SCIAT.csv (separate IAT files for each participant)
- 1_2019-11-07-17-25.csv - 61_2020-02-04-16-16.csv (separate AAT files for each participant)
- home.sav (demographics, FCQ-T-r, the TEMS, perceived self-regulatory success in dieting scale, DEBQ, FCQ-S and individual stimulus rating on valence and desire to eat assessed during the online survey)
- post.sav (the FCQ-S administered subsequent to the AAT)
- pre.sav (the positive and negative affect schedule and the FCQ-S administered prior to the AAT)

Pre-processed data files:

- HandSRT2_IAT_longformat.csv (trial-level IAT data for all participants)
- HandSRT2_preppeddata.csv (trial-level AAT data for all participants)
- HandSRT2_masterfile.csv (participant-level questionnaire sum scores and aggregated AAT as well as IAT scores)

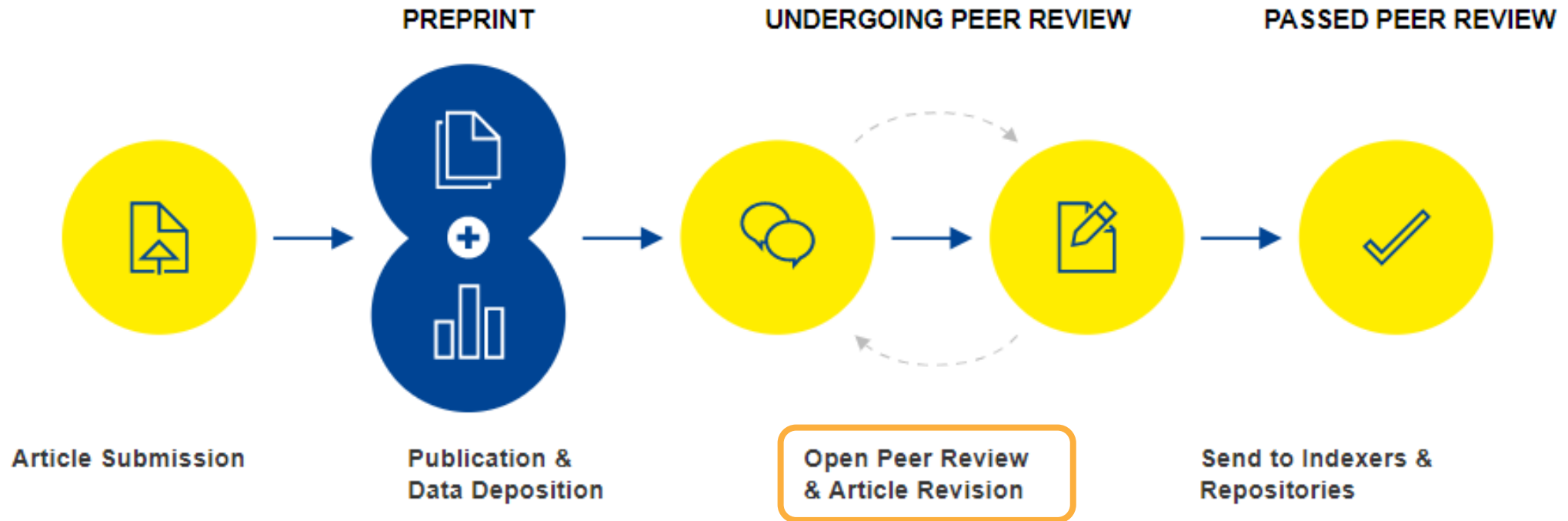
Analyses and pre-processing scripts:

- IATextraction.R (R-code to merge and pre-process IAT data as well as to compute IAT D-scores)
- Datapreparation.R (R-code to merge and pre-process AAT and questionnaire data and to subsequently combine them with the pre-processed IAT data)
- Analyses.R (R-code used for analyses of results)

Data are available under the terms of the [Creative Commons Zero "No rights reserved" data waiver](#) (CC0 1.0 Public domain dedication).

<https://open-research-europe.ec.europa.eu/articles/1-15>

Open Research Publishing Model



Transparent Peer Review

Open Identities

- Reviewers must provide name and affiliation
- Must identify conflicting interests



Open Reports

- Reviewer reports will be published alongside the article
- These are citable and have viewing metrics



Open Review Status

- Reviewers assign a status

✓ APPROVED

The paper is scientifically sound in its current form and only minor, if any, improvements are suggested

? APPROVED WITH RESERVATIONS

A number of small changes, sometimes more significant revisions are required to address specific details and improve the papers academic merit.

✗ NOT APPROVED

Fundamental flaws in the paper seriously undermine the findings and conclusions

Open peer review example

[Home](#) » [Browse](#) » [Silent myelin-weighted magnetic resonance imaging](#)

METHOD ARTICLE [EDIT VERSION](#) [Check for updates](#)

REVISED Silent myelin-weighted magnetic resonance imaging [version 2; peer review: 2 approved, 2 approved with reservations]

[✉](#) Tobias C. Wood [ID](#)¹, Nikou L. Damestani¹, Andrew J. Lawrence², Emil Ljungberg [ID](#)¹, Gareth J. Barker [ID](#)¹, Ana Beatriz Solana³, Florian Wiesinger^{1,3}, Steven C.R. Williams [ID](#)¹

[+ Author details](#)

Abstract

Background: Inhomogeneous Magnetization Transfer (ihMT) is an emerging, uniquely myelin-specific magnetic resonance imaging (MRI) contrast. Current ihMT acquisitions utilise fast Gradient Echo sequences which are among the most acoustically noisy MRI sequences, reducing patient comfort during acquisition. We sought to address this by modifying a near silent MRI sequence to include ihMT contrast.

Methods: A Magnetization Transfer preparation module was incorporated into a radial Zero Echo-Time sequence. Repeatability of the ihMT ratio and inverse ihMT ratio were assessed in a cohort of healthy subjects. We also investigated how head orientation affects ihMT across subjects, as a previous study in a single subject suggests this as a potential confound.

Results: We demonstrated that ihMT ratios comparable to existing, acoustically loud, implementations could be obtained with the silent sequence. We observed a small but significant effect of head orientation on inverse ihMTR.

Conclusions: Silent ihMT imaging is a comparable alternative to conventional, noisy, alternatives. For all future ihMT studies we recommend careful positioning of the subject within the scanner.

Keywords

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ALL METRICS
419
VIEWS
52
DOWNLOADS

Open Peer Review
Reviewer Status ✓ ? ✓ ? ⓘ
Reviewer Reports
Invited Reviewers

	1	2	3	4
Version 2 (revision) 13 Aug 20	✓ read		✓ read	
Version 1 21 Apr 20	? read	? read	? read	? read

1. **Richard Dortch** [ID](#), Barrow Neurological Institute, Phoenix, USA
2. **Olivier Girard** [ID](#), Aix-Marseille University, Marseille, France
Lucas Soustelle [ID](#), Aix-Marseille Univ, CNRS, CRMBM UMR 7339, Marseille, France; SATT Sud-Est, Marseille, France
3. **Douglas Dean** [ID](#), University of Wisconsin-Madison, Madison, USA; University of Wisconsin-Madison, Madison, USA; University of Wisconsin-Madison, Madison, USA
4. **Gunther Helms** [ID](#), Lund University, Lund, Sweden

Alongside their report, reviewers assign a status to the article:

✓ APPROVED

The paper is scientifically sound in its current form and only minor, if any, improvements are suggested

? APPROVED WITH RESERVATIONS

Key revisions are required to address specific details and make the paper fully scientifically sound

✗ NOT APPROVED

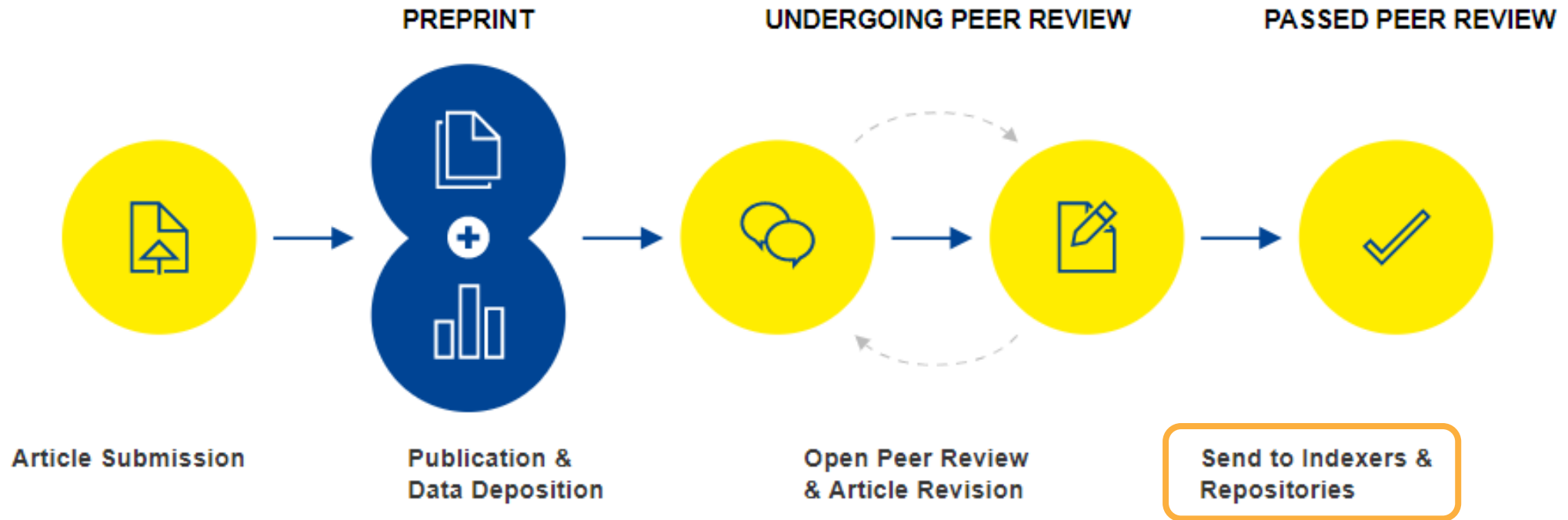
Fundamental flaws in the paper seriously undermine the findings and conclusions

Visibility & credit for reviewers:

- Co-reviewing
- ORCID ids
- DOIs for reports

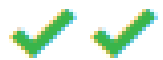
<https://wellcomeopenresearch.org/articles/5-74>

Open Research Publishing Model



Passing Peer Review

- Authors can respond to reviewers and revise their articles based on the comments
- Revisions are made through new versions of the article that are linked together (versions are limitless)
- Authors need to achieve a certain 'threshold' of reviewer status to pass peer review and be indexed in bibliographic indexers:



2 'Approved' Status



2 'Approved with reservations' and 1 'Approved' Status

Supporting research across all disciplines

Tailored editorial guidelines and policies for:









- Science, Technology & Medicine (STM)
- Social Sciences
- Humanities

We support many different **article types** to support disciplinary areas

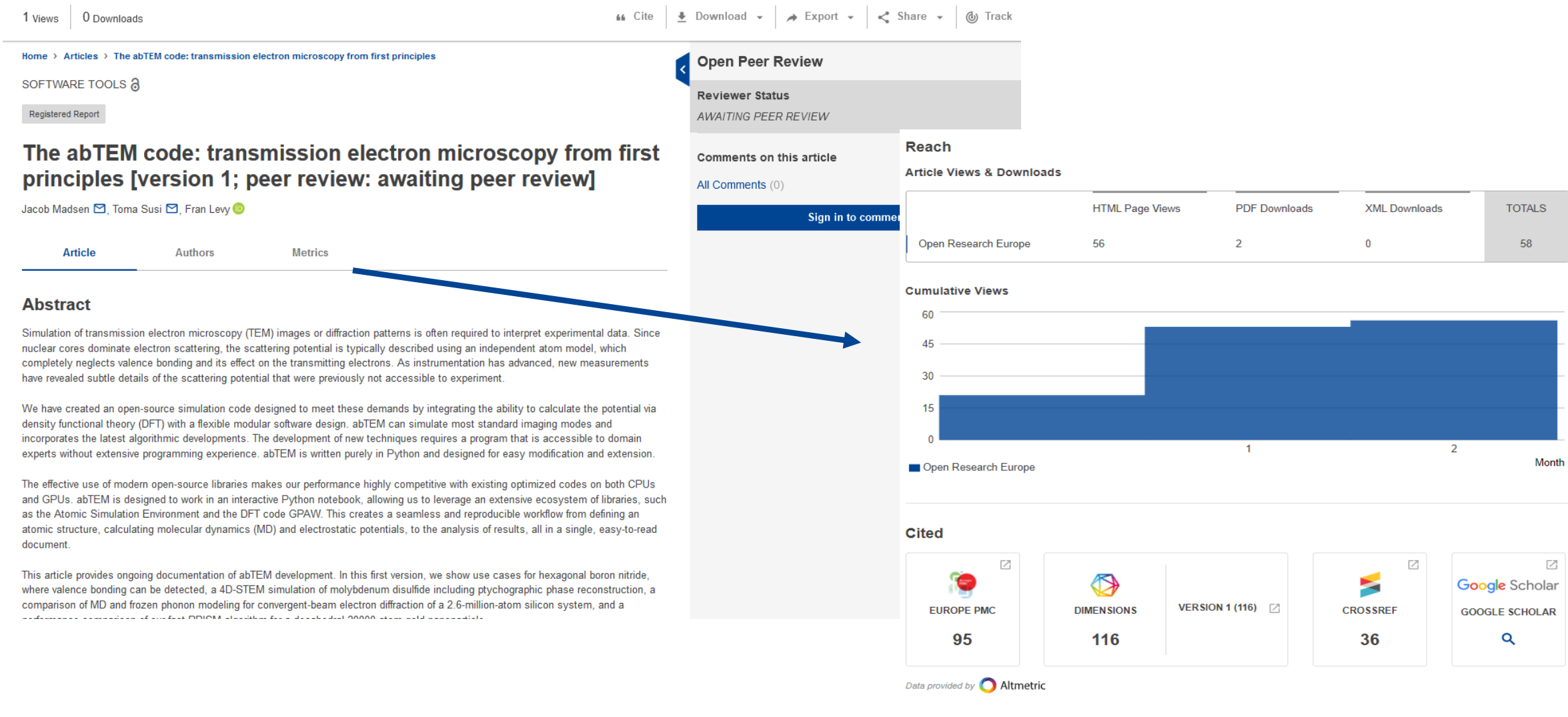
Content is searchable by subject areas and by H2020 programme areas.

Gateways

Gateways are dedicated portals for Horizon 2020 programme areas and their thematic sections. In each gateway, you will find articles published on Open Research Europe that are linked to projects funded under topics of their specific sections.

 Enhanced European Innovation Council (EIC) Pilot This gateway hosts the articles published on Open Research Europe stemming from the EIC pilot programme section supported by Horizon 2020.	 European Institute of Innovation and Technology (EIT) This gateway hosts the articles published on Open Research Europe stemming from the EIT programme section supported by Horizon 2020.	 Excellent Science This gateway hosts the articles published on Open Research Europe stemming from the Excellent Science programme section supported by Horizon 2020.	 Focus areas This gateway hosts the articles published on Open Research Europe stemming from the focus areas programme section supported by Horizon 2020.
 Industrial Leadership This gateway hosts the articles published on Open Research Europe stemming from the Industrial Leadership programme section supported by Horizon 2020.	 Science with and for Society This gateway hosts the articles published on Open Research Europe stemming from the Science with and for Society programme section supported by Horizon 2020.	 Societal Challenges This gateway hosts the articles published on Open Research Europe stemming from the Industrial Leadership programme section supported by Horizon 2020.	 Spreading Excellence and Widening Participation This gateway hosts the articles published on Open Research Europe stemming from the Spreading Excellence and Widening Participation supported by Horizon 2020.

Mock-up example of article-level metrics



How is ORE doing so far?

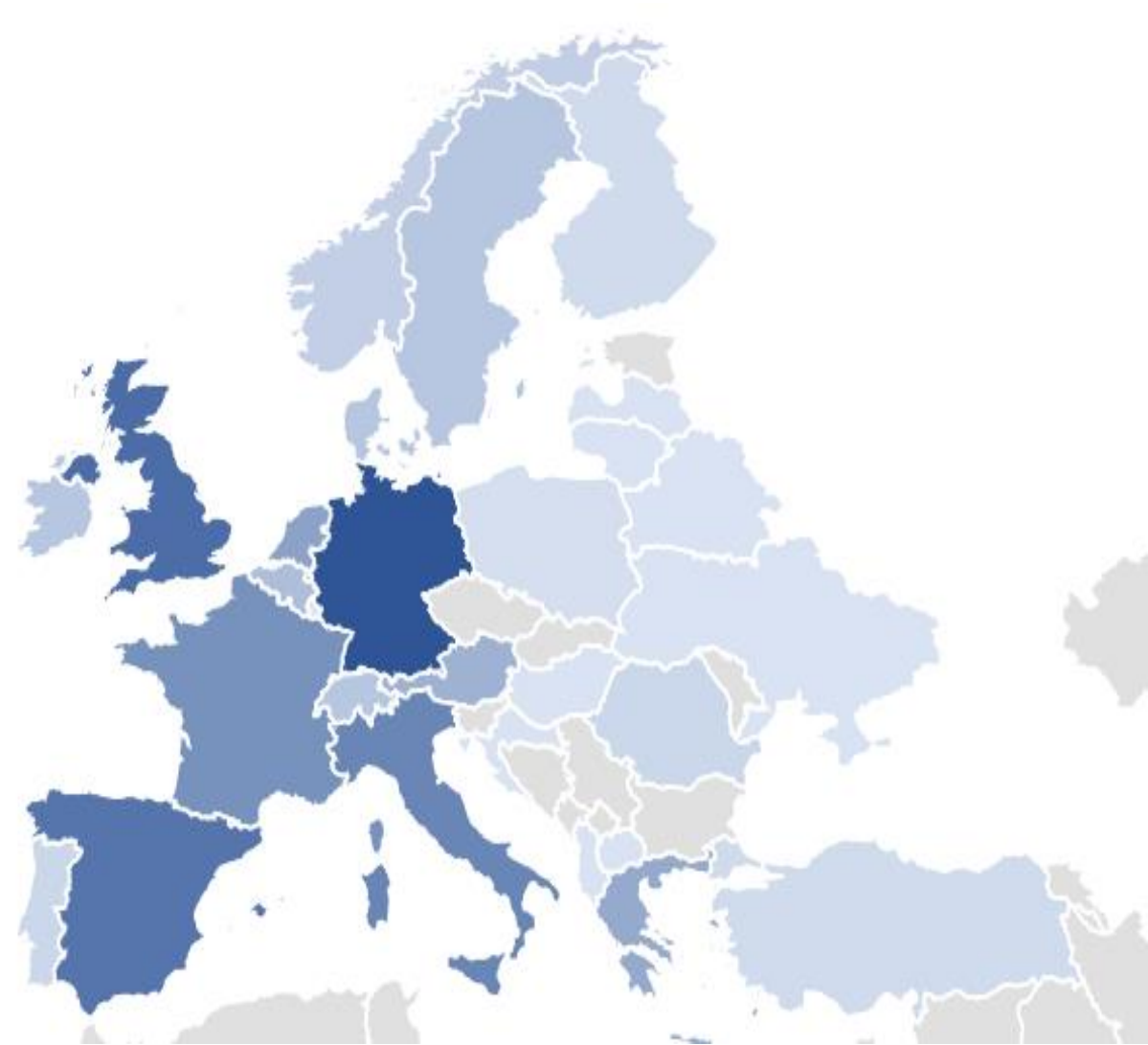
ORE since launch (24 March 2021)

142 Submissions; 55 published to-date
Authors from 29 different European countries

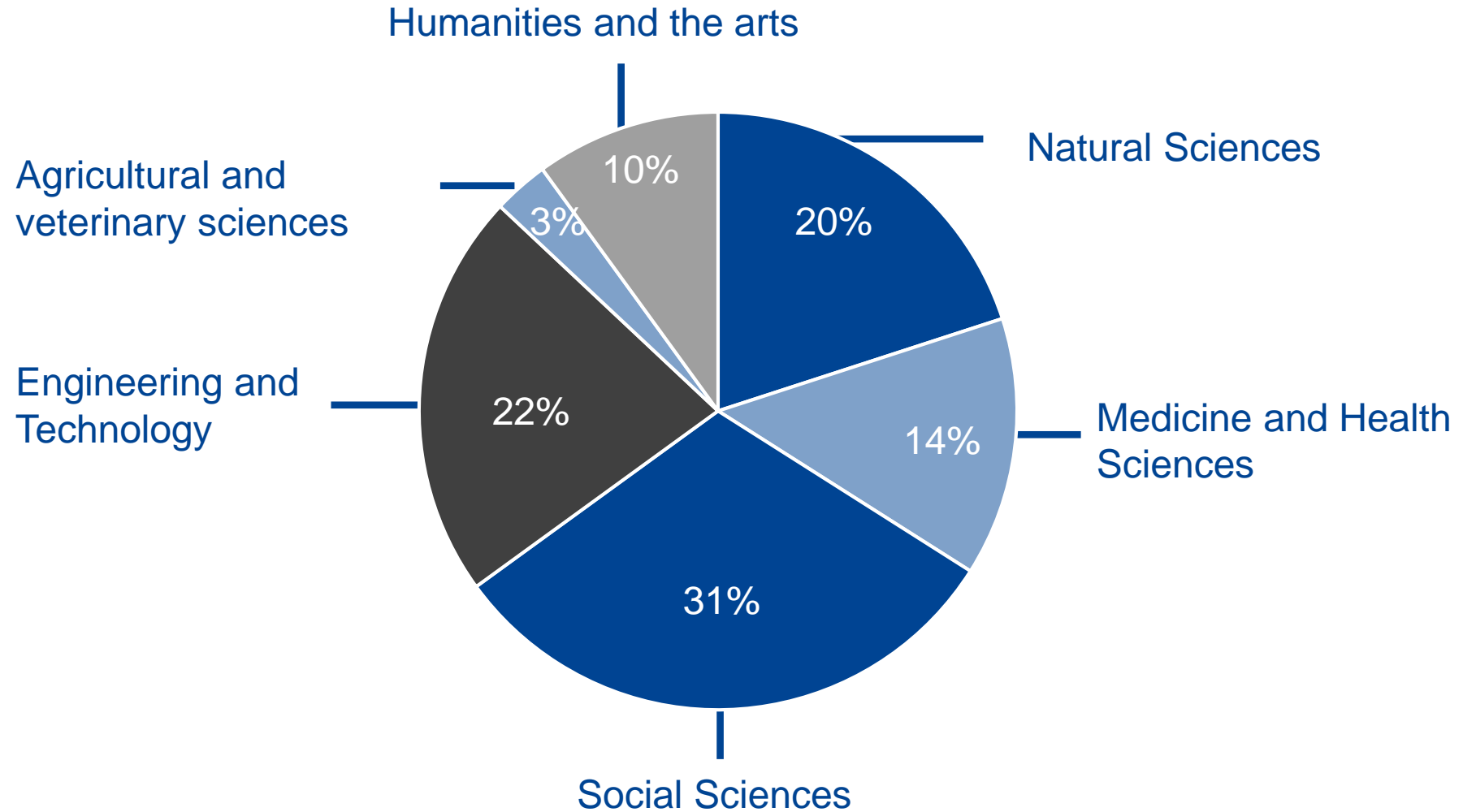
Top 10 countries for submissions:

Germany 36
UK 30
Spain 28
Italy 24
France 21
The Netherlands 17
Greece 15
Austria 13
Belgium 10
Switzerland 8

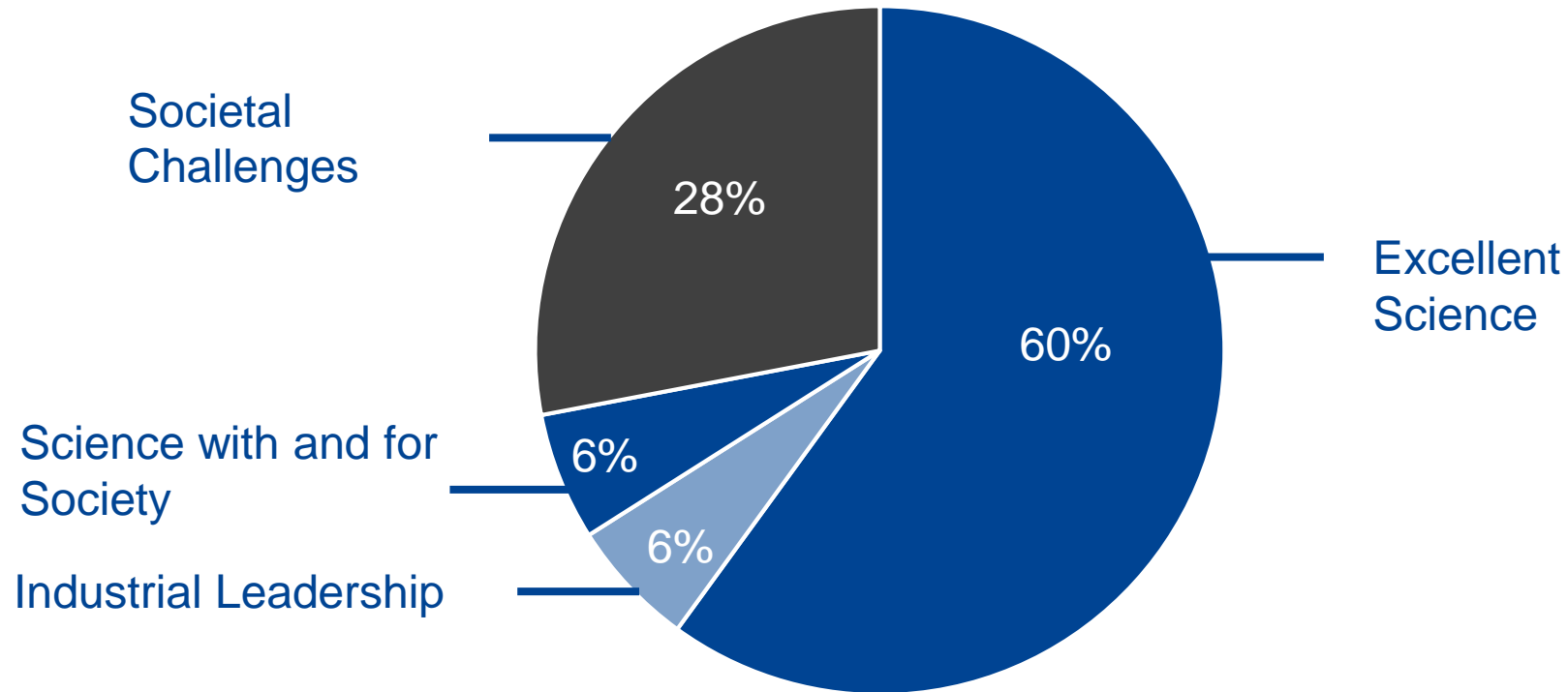
(Czech Republic 2)



Subject level breakdown

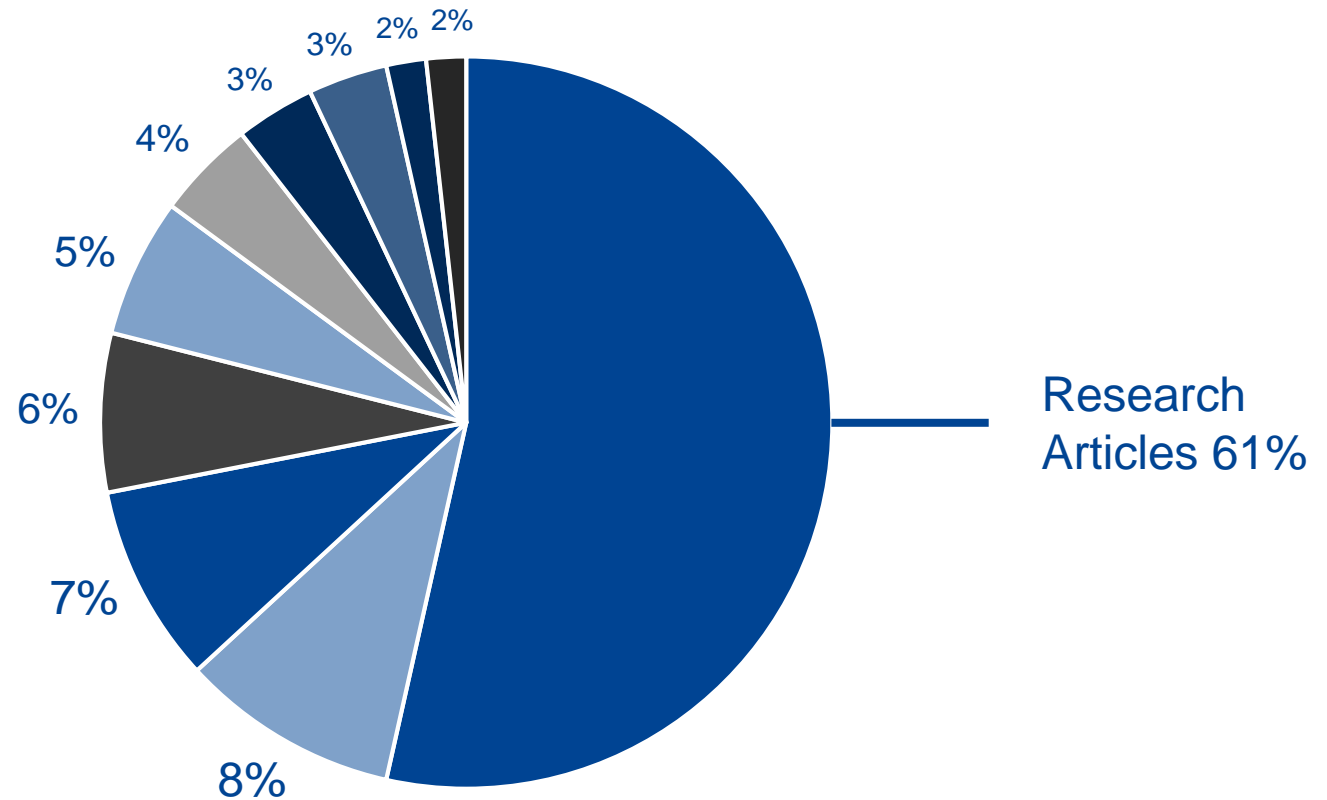


Horizon 2020 programme breakdown



Article type breakdown

Research Article	87
Software Tool	11
Methodology Article	10
Case Study	8
Review	7
Essay	5
Study Protocol	4
Systematic Review	4
Brief Report	3
Data Note	3



Benefits of ORE to researchers

Benefits of ORE to researchers - I

I Open publishing maximizes the reach and impact of research

- Preprints enable rapid sharing of work
- Citation advantage of linking publications to research data*, and supports reproducibility
- Open peer review enables constructive dialogue with other experts in the field
- Open research benefits society and its citizens

I Reduces research waste

- Broad range of article types supports researchers to share their findings throughout the research lifecycle, and including negative/null findings

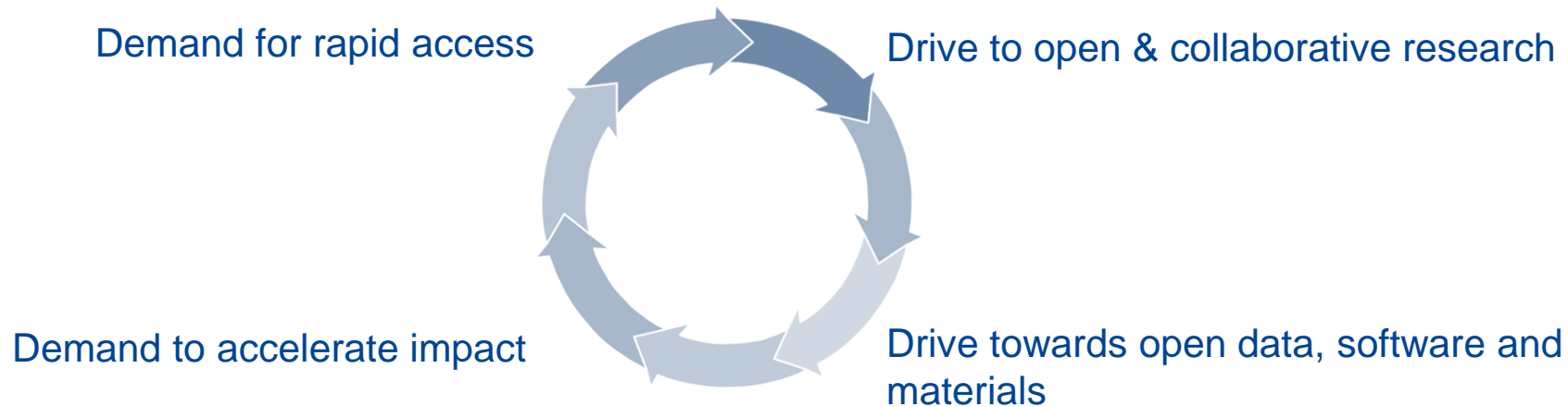
*<https://doi.org/10.1371/journal.pone.0230416>

Benefits of ORE to researchers - II

I Publication is based upon the research itself, not perceived “impact”

- Articles are published based on the article level content
- Authors are in control of the publication from start to finish
- Publication of all research findings, not just the positive ones

I Particular benefits for Early Career Researchers



Thank you!

For questions:

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