

Publishing the most-cited journals in their fields

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OUR MISSION

We empower scientists through innovative Internet technology that accelerates rapid and open dissemination of quality research knowledge.

Founded in 2007 by scientists, Frontiers is driven by the community and is today one of the largest and most cited open-access scholarly publishers in the world.

Journal ranking by Impact Factor in 2015



The 19 Frontiers journals with Impact Factor (in red) amongst the 11,365 journals (subscription and open access) listed in the 2015 Journal Citation Reports published by Thomson Reuters in 2016.

OUR INNOVATIONS AND SERVICES



Frontiers at a glance (October 2016)



COLLABORATIVE PEER-REVIEW

Engineered to be rigorous, constructive, transparent & fast

IMPACT METRICS

Advanced analytics track the impact of your research

LOOP

Open network that maximizes your visibility

OPEN SCIENCE FOR SUSTAINABILITY

Forging a path with science towards a sustainable future



TEAM

We are a growing international team consiting of 200 publishing professionals and the most talented software engineers to serve the research community and advance the cause of Open Science.

We are headquartered at the Innovation Park of the Swiss Federal Institute of Technology in Lausanne, with IT development offices in Madrid and Trivandrum, plus offices in London, Albany and Seattle.



COMMITMENT

Producing high-quality publications and keeping this literature freely accessible, discoverable and permanent, comes at a cost that we cover with a Gold Open Access business model. In this model authors pay a one-time article processing charge (APC), typically covered by their grants or with institutional support.

We channel significant resources into technological innovation and in ensure efficiency and quality editorial services, but we do not stop there. Our financial commitment includes a large share to cover awards, as well as discounts and waivers that support research communities and give equal opportunity to those unable to cover the APC.

Awards and Waivers 2015



30 Granted Travel Awards to Editors





COLLABORATIONS AND MEMBERSHIPS



INSTITUTIONS

Imperial College London



AUSTRALIA Queensland University of Technology

CANADA

College of Biological Science - University of Guelph University of Ottawa

GERMANY

Bielefeld University C.v.O University Oldenburg Deutsches Krebsforschungszentrum Deutsches Zentrum für Neurodegenerative Erkrankungen e.V. (DZNE) Forschungszentrum Jülich Göttingen University Helmholtz-Zentrum Dresden-Rossendorf Helmholtz-Zentrum für Infektionsforschung Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung

Max Planck Society Max-Delbrück-Centrum für Molekulare Medizin (MDC) Ruhr-University Bochum **Technical University** of Munich (TUM) TU Chemnitz TU Dresden University of Bremen University of Konstanz Universität Leipzig University Potsdam University of Regensburg University of Stuttgart University of Ulm

ITALY

Fondazione Istituto Italiano di Technologia Fondazione Telethon

NETHERLANDS TU Delft











Ce

Without Borders















Karlsruhe Institute of Technology (KIT)

💼 uOttawa

UiT- The Arctic University of Norway SWITZERLAND

ETH Zurich University of Zurich

NORWAY

UК

Brunel University Imperial College London Manchester Metropolitan University Queen Mary University of London University College London (UCL) University of Birmingham University of Bristol University of Manchester University of Nottingham University of Sheffield

US

George Mason University

COMMUNITY JOURNALS

At Frontiers, the publisher is responsible for providing sustainable services and external editors are responsible for content. Our model puts publishing into the hands of the top researchers in their field who act as Chief, Associate, Topic and Review editors. We enable collaborative, efficient and rigorous work of our Editors through our innovative Digital Editorial Office and Collaborative Peer-Review platforms, and by fostering multi-disciplinarily research through cross-listed sections and researcher-managed Research Topics, hosted in an increasing list of online journals.

TIMELINE OF OUR JOURNALS

2007 Frontiers in Behavioral Neuroscience Frontiers in Cellular Neuroscience Frontiers in Computational Neuroscience Frontiers in Evolutionary Neuroscience Frontiers in Integrative Neuroscience Frontiers in Neural Circuits Frontiers in Neuroanatomy Frontiers in Neuroanatomy Frontiers in Neuroenergetics Frontiers in Neuroengineering Frontiers in Neuroinformatics Frontiers in Neurorobotics Frontiers in Neuroscience Frontiers in Synaptic Neuroscience Frontiers in Systems Neuroscience

2008 Frontiers in Human Neuroscience Frontiers in Molecular Neuroscience

2009 Frontiers in Aging Neuroscience Frontiers in Neurology Frontiers in Pharmacology Frontiers in Physiology Frontiers in Psychiatry Frontiers in Psychology

- 2010 Frontiers in Cellular and Infection Microbiology Frontiers in Endocrinology Frontiers in Genetics Frontiers in Immunology Frontiers in Microbiology
- 2011 Frontiers in Oncology Frontiers in Plant Science

2013 Frontiers in Pediatrics Frontiers in Bioengineering and Biotechnology Frontiers in Cell and Developmental Biology Frontiers in Chemistry Frontiers in Earth Science Frontiers in Ecology and Evolution Frontiers in Energy Research Frontiers in Environmental Science Frontiers in Physics Frontiers in Public Health

2014 Frontiers in Astronomy and Space Sciences Frontiers in Cardiovascular Medicine Frontiers in Digital Humanities Frontiers in ICT Frontiers in Marine Science Frontiers in Materials Frontiers in Medicine Frontiers in Molecular Biosciences Frontiers in Nutrition Frontiers in Robotics and Al Frontiers in Surgery Frontiers in Veterinary Science

2015 Frontiers in Applied Mathematics and Statistics Frontiers in Built Environment Frontiers in Mechanical Engineering

2016 Frontiers in Communication Frontiers in Research Metrics and Analytics Frontiers in Sociology

EDITORIAL BOARD

GEOGRAPHICAL LOCATION OF EDITORS



TOP INSTITUTIONAL AFFILIATIONS

	Editors
National Institutes of Health	520
Harvard University	499
The Max Planck Society	329
University College London	312
Stanford University	262
University of Michigan	248
Consiglio Nazionale delle Ricerche	239
INSERM	226
UC Los Angeles	225
UC Davis	223
University of Florida	223
University of Oxford	212
University of Southern California	212
King's College London	210
University of Minnesota	204
University of Cambridge	202
Yale University	200
CSIC	198

Authors

Editors



Users

1423
1643
1234
1102
867
861
749
766
759
712
706
819
599
613
710
768
680
724

QUALITY AT SCALE

The results of the latest journal impact metrics show our open-access model is not only successful, but allows for rpaid scalability while maintaining quality. We have 19 journals with Impact Factors listed in the 2015 Journal Citation Reports (JCR), published by Thomson Reuters in 2016. Frontiers journals rank at the top in their categories, not only in terms of volume of recently published articles but also in terms of their citations.

Frontiers in Psychology is the **#1 largest** and **#2 most cited** Psychology journal.

Frontiers in Human Neuroscience is the **#1 most cited** Psychology journal and the #5 most cited Neuroscience journal.

Frontiers in Microbiology is the **#2 most cited** OA journal and the largest Microbiology journal overall.

Frontiers in Physiology is the **#1 most cited** OA journal and overall the #2 most cited Physiology journal.

Frontiers in Plant Science is the **#1 most cited** and **#1 largest** OA journal and overall the #5 most cited Plant Science journal. Frontiers in Immunology is the **#1 most cited** and **#1 largest** OA journal, and overall the #7 most cited Immunology journal.

Frontiers in Neurology is the **#1 most cited** and **#3 largest** OA Neurology journal.

Frontiers in Pharmacology is the **#2 most cited** OA journal in Pharmacology & Pharmacy.

Frontiers in Neuroscience Journal Series is the **#1 most cited** and **#1 largest** OA publisher and overall the **#4 most cited** and #4 largest Neuroscience publisher.

JOURNALS WITH IMPACT FACTOR

2007	Frontiers in Cellular Neuroscience
	Frontiers in Neuroscience
	Frontiers in Human Neuroscience
	Frontiers in Neural Circuits
	Frontiers in Neuroanatomy
	Frontiers in Behavioral Neuroscience
	Frontiers in Neuroinformatics
	Frontiers in Computational Neuroscience
	Frontiers in Neurorobotics
2008	Frontiers in Molecular Neuroscience
2009	Frontiers in Aging Neuroscience
2010	Frontiers in Microbiology
	Frontiers in Plant Science
	Frontiers in Pharmacology
	Frontiers in Cellular and Infection Microbiolog
	Frontiers in Physiology
	Frontiers in Psychology
	Frontiers in Immunology
	Frontiers in Neurology

Based on 2015 Journal Citation Reports ® (Thomson Reuters, 2016). Citations are calculated for articles published in 2013-2014, and volume is based on citable items in 2015

Based on 2015 Journal Citation Reports ® (Thomson Reuters, 2016)



5 Frontiers journals are the #1 most cited open-access journals in their 2015 JCR categories:

- Frontiers in Psychology
- Frontiers in Human Neuroscience
- Frontiers in Plant Science
- Frontiers in Physiology
- Frontiers in Immunology
- Frontiers in Neurology



3 Frontiers journals are the **#1** largest open-access journals in their 2015 JCR categories: • Frontiers in Neuroscience • Frontiers in Plant Science • Frontiers in Immunology 2 Frontiers journals are the #1 largest over all journals in their 2015 JCR categories: • Frontiers in Psychology

- Frontiers in Microbiology



RESEARCH TOPICS

A spotlight on your research area

The Frontiers Research Topic is a unique concept where leading scientists manage the publication of a collection of peer reviewed articles around their own area of research. Frontiers has **custom-developed an IT platform to help you run your Research Topic**, spotlight your area, stimulate discussion, catalyze collaboration and maximize the impact of the articles published.

The Frontiers Research Topic is a collection of articles published around a theme of cutting-edge research. It is a platform that unites the world's experts around a topic, to stimulate dialogue and collaboration, and to accelerate science.

The Research Topic project pages optimize the reach and impact of both the articles and the people behind the research. Very much like a "mini journal," the Research Topic provides even the most specialized areas of the scientific community with a publishing environment suited to its needs. But by putting the people behind the Research Topic front and center, the Frontiers platform also creates a social dynamic similar to that of a workshop.

HAVE AN IDEA FOR A RESEARCH TOPIC?

Launch and management free of charge.

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Research on resting state brain activity using fMRI offers a novel approach for understanding brain organization at the systems level. Resting state fMRI examines spatial synchronization of intrinsic fluctuations in blood-oxygenation-level-dependent (BOLD) signals arising from neuronal and synaptic activity ...

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Original Research Functional MRI measured with blood oxygen dependent (BOLD) contrast in the absence of intermittent tasks reflects spontaneous activity of so called resting state networks (RSN) of the brain. Group level independent component analysis (ICA) of BOLD ...

Published on 26 August 2010 Front. Syst. Neurosci. doi: 10.3389/fnsys.2010.00032

5,021 total views 231 shares Altmetrik 1

6

Introduction to Special Topic – Resting-State Brain Activity: Implications for Systems



Topics 4 My frontiers 🔻
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179,330
Topic Editors 8 Vinod Menon Stanford University Stanford, CA, USA
41,562 views 7 publications
55,156 views 69 publications Submission Deadlines
Submission closed. Author guidelines >
Participating Journals
Frontiers in Systems Neuroscience



COLLABORATIVE PEER REVIEW

Rigorous, constructive, transparent and fast

Peer review is at the heart of the publishing process, and constantly improving peer review has been a priority at Frontiers. Our unique system is **engineered to be rigorous**, yet at the same time **efficient**, **collaborative**, transparent and fair. These guiding principles are integrated into our sophisticated online review platform, the Collaborative Review Forum.

Collaborative

Our Review Forum unites the authors and reviewers in a direct online dialogue, enabling quick iterations and facilitating consensus. Editors and reviewers work with authors to improve the articles.

As a result reviewers are constructive, but also responsible for the paper and provide rigorous feedback that delivers the highest possible quality publication. Conflict-of interest, if present, is openly disclosed.

acknowledging their contribution.

Objective and Fair

The final decision is based on consensus about objective issues. We publish all papers judged unanimously to be technically sound and scientifically correct. Unanimity is also required to reject a paper. Judgments regarding the importance of a paper can be made through open post-publication commentaries on the article pages.

Transparent

All names of associate editors and review editors who endorse publication are made public upon the publication of the article,

Rigorous

We implemented a detailed review questionnaires to guide our reviewers through the review process and provide in-depth review reports.

Efficient

We offer one of the fastest reviews amongst academic publishers, with an average time from submission to decision of 85 days, followed by 3 weeks for online publication of accepted articles. Our Review Forum guides authors, reviewers and editors smoothly through the steps with alerts when any action is required.



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4. Review Finalized 5. Final	Validation 6. Final Decision
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Tabular organisation of all aspects of the process, including reviewer selection and full process history



Interactive forum in which authors, editors and reviewers can communicate in real time

IMPACT METRICS

Advanced analytics track the impact of your research.

Our Impact Metrics measure the overall performance and reach of articles and authors in an objective way.

They enable you to share the impact of your work with collaborators, funders, institutions, and the research community at large.

These metrics are available immediately for every article published by Frontiers and every other publication you added to your Loop profile, as well as their authors.

Our metrics offer a real-time view of:

- 1. Views, downloads and citations
- 2. Social buzz, through altmetrics.com data
- 3. Visitor demographics including: age, region and field of interest
- 4. Aggregated author impact metrics
- 5. How your profile is viewed





2013

2014

2015

174M

2016

TIERING

Crowdsourcing discoveries of interest to bring it to a larger public.

Following publication of an article in Frontiers, the Impact Metrics of the article is evaluated and used to nominate authors of highly demanded articles to receive an invitation for a Focused Review article. This free article type builds bridges between communities by placing the original research into a wider context, making it accessible to a broader audience for deeper impact.

Frontiers is so far the only publisher to design a system to crowdsource the science with a pressing need for further dissemination, done after democratic evaluation for its academic excellence and social relevance.



2011

2013

FRONTIERS FOR YOUNG MINDS

Bringing cutting-edge research to the youth

A BRIDGE TO THE YOUTH

Science and research are the fabric of modern society and we should all be able to understand what these discoveries mean and do for us. With Frontiers for Young Minds, we build a bridge to young audiences, by providing them with access to cutting- edge research in a form they can understand, and by involving and empowering them in a critical step of the scientific process itself.

Frontiers for Young Minds is an open-access scientific journal for written for and reviewed by 8-15 year olds. We connect a younger audience directly with scientists. Working together, they review and assess some of the field's most cutting- edge research and develop rigorous yet accessible scientific articles that form a journal for the next generation of scientists.

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Numbers





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Idan Segev, Luis M Martinez, Robert J Zatorre

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109

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Profile

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A novel multiple objective optimization framework for constraining conductance-based neuron models by

Shaul Druckmann, Yoav Banitt, Albert A Gidon, Felix Schürmann, Henry Markram, Idan Sege



Aggregated Impact Our impact metrics give daily feedback on readership of authored articles



Integration across platforms Profiles are linked to all Frontiers articles and to OrchID repository for automatic update





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