IEEE Authorship and Open Access Symposium

Tips and Best Practices to Get Published from IEEE Editors

Welcome and thank you for joining! The webinar will begin soon.

Please use the Q&A function for questions.
Please make sure your computer speakers are turned on for audio.

IEEE
Advancing Technology for Humanity

A Few Quick Notes Before We Get Started

Please note – **There is no dial-in number for attendees of this event**. Please make sure your computer speakers or headset are turned on and the volume is up so that you can hear our presenters.

Technical Support

Click the yellow **? icon** at the bottom of your screen to see answers to common technical issues or type your issue into the Q&A window.

Questions for the Presenters

Type your questions into the **Q&A** window. Our presenters will answer as many questions as possible during our time together.

Certificate of Participation

Remember to click the **Certificate Icon** at the bottom of your screen to request your Certificate of Participation.

Resources List

Click the green icon at the bottom of your screen to download a PDF version of the presentation and other valuable resources.

- **Access to the recording of today's virtual event** will be available a few hours after the webinar is completed. A link to the on-demand version will be emailed to all registered attendees.

IEEE

IEEE Authorship and Open Access Symposium

Tips and Best Practices to Get Published from IEEE Editors

- What editors and reviewers look for in submissions
- Common reasons why papers are rejected
- Reasons to consider open access publishing
- How to select the right publication for your submission
- Tips to optimize your article's discoverability, views, and citations
- Research strategies using IEEE *Xplore* Digital Library
- Authorship tools available from IEEE
- Open access options available for authors and institutions
- Live Q&A: Ask the Experts

Michael Spada - MODERATOR
Director, Strategic Marketing
IEEE

Dr. Saifur Rahman
IEEE-President Elect 2022
Prof. of Electrical and Computer Engineering
VirginiaTech, United States

Dr. Josep M. Guerrero
Director, Center for Research on Microgrids
Aalborg University, Denmark

Márcia Ferreira
Client Services Manager
IEEE

Judy Brady
IEEE Regional Manager for Europe, the Middle East, Africa & Latin America
IEEE

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Thank you for joining us today!

Thousands of registrants from regions all around the world!

Role: Students, Professors, Assoc. Professors, Researchers, Librarians, Information Professionals, Department Heads, Deans, and many more!

Some of the countries who are joining our webinar today:

- Afghanistan
- Albania
- Australia
- Austria
- Azerbaijan
- Bangladesh
- Belgium
- Brazil
- Bulgaria
- Canada
- China
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Egypt
- Ethiopia
- Finland
- France
- Georgia
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- Iceland
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- Poland
- Portugal
- Qatar
- Romania
- Saudi Arabia
- Serbia
- Singapore
- Slovakia
- South Africa
- Spain
- Sri Lanka
- Sweden
- Switzerland
- Turkey
- Ukraine
- United Arab Emirates
- United Kingdom
- United States
- Yemen

About the IEEE

- IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity with over 400,000 members all over the world
- Not for profit organization "Advancing Technology For Humanity"
- Core areas of activity
  - Membership organization
  - Conferences organizer
  - Standards developer
  - Quality publishing program that consistently produces the top-cited information in the field
    - Publisher of journals, conferences, standards, eBooks, and eLearning via the IEEE *Xplore* Digital Library
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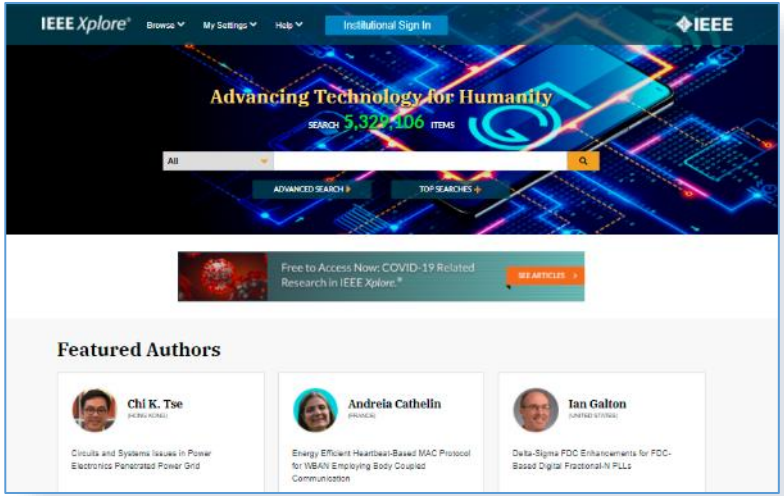

https://ieeexplore.ieee.org/

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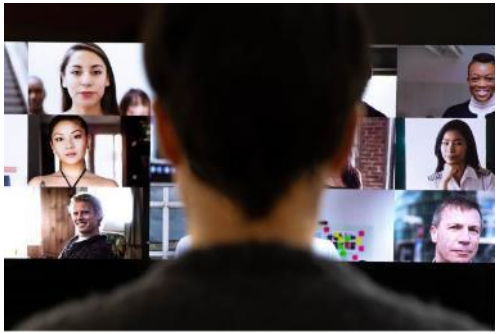
IEEE Today – Inspiring a Global Community of Innovation

IEEE is the world's largest technical professional organization dedicated to **advancing technology for the benefit of humanity.**



Our Mission

The core purpose of IEEE is to foster technological innovation and excellence for the benefit of humanity.

One of our Core Values…

To be a trusted and unbiased source of technical information, and forums, for technical dialog and collaboration.

One of our Goals…

Drive global innovation through broad collaboration and the sharing of knowledge

Serving the technology leaders of today and the innovators of tomorrow

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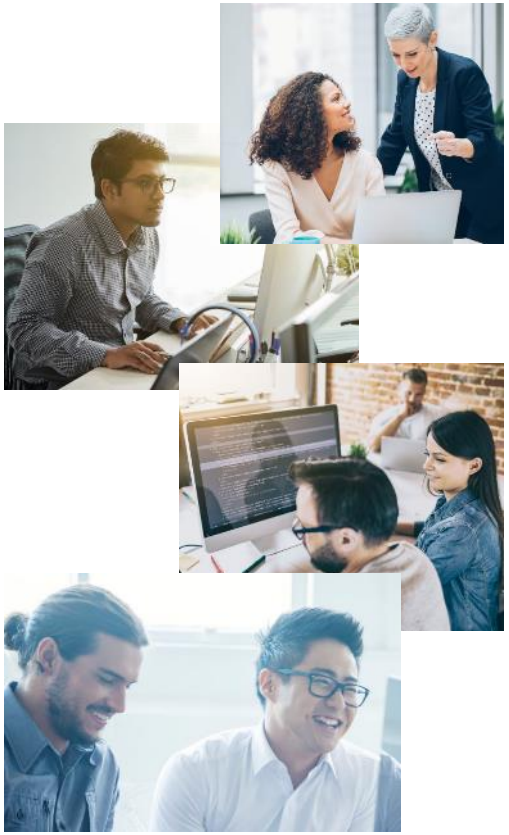
IEEE Publications Strategy and Goals

- IEEE is dedicated to continuing to be the destination of choice for authors and to serve the author and research community.
- **IEEE strives to support all authors and readers globally.** That means being able to offer any author a publication venue that is compliant with their circumstances, regardless of their funding status, the publishing mandates they may have in place, or where in the world they may work.
- **IEEE provides authors with a choice to publish in a traditional journal or in a fully open access journal.**
- **IEEE continues to provide more options** and choices to support the work and needs of all authors and researchers.



IEEE's Evolving Open Access Program

To help authors gain maximum exposure for their groundbreaking research and application-oriented articles, IEEE offers three options for open access (OA) publishing, all designed to meet the varying needs of our authors throughout their careers.

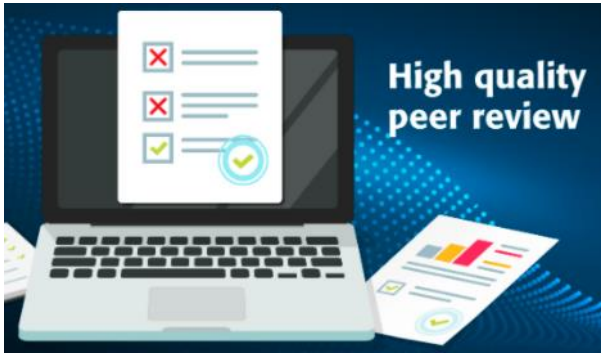
OA Publishing Options

1. **Hybrid Journals** - **160** journals and magazines spanning an array of technology fields
2. **Fully Open Access Topical Journals** – **20+ titles** and more coming soon
3. **Multidisciplinary OA journal** - **IEEE *Access***
   - IEEE's largest open access journal, over 60,000 articles since 2013
   - Highly cited journal in a range of fields
   - Rapid yet rigorous peer review process of 4 to 6 weeks.

With the above options for authors, IEEE has published over 90,000 open access articles in IEEE *Xplore*.

IEEE Key Factors in Open Access Publishing

- Follow **all IEEE established publishing guidelines and principles**
- Provide meticulous peer review
- Meet or exceed the same high quality as our premier subscription titles
- Offer **speed of publication** decision and publication of article itself
- Ensure geographic and institutional **diversity of authorship**



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Mandate Compliance

All of IEEE's new fully Gold OA journals, existing OA journals, and IEEE Access

Plan S Requirement	
All publications must be published under an open license, preferably the Creative Commons Attribution license (CCBY or CCBY-NC-ND)	☑
When Open Access publication fees are applied, they must be commensurate with the publication services delivered	☑
The journal/platform must provide, on its website, a detailed description of its editorial policies and decision-making processes.	☑
No reliance on hybrid journals (subscription journals with a Gold OA option) or mirror journals (OA journals using essentially the same or similar Editorial Boards as the subscription journal)	☑
Use of persistent identifiers (PIDs) for scholarly publications, such as DOI	☑
Deposition of content with a long-term digital preservation or archiving program	☑
High-quality article level metadata in standard interoperable non-proprietary format	☑

IEEE Open Access Read & Publish Programs for Institutions

Covers both **Read and Publish** activity by all institutional users included in the agreement.

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- Includes tools for managing and reporting Open Access fees and publications

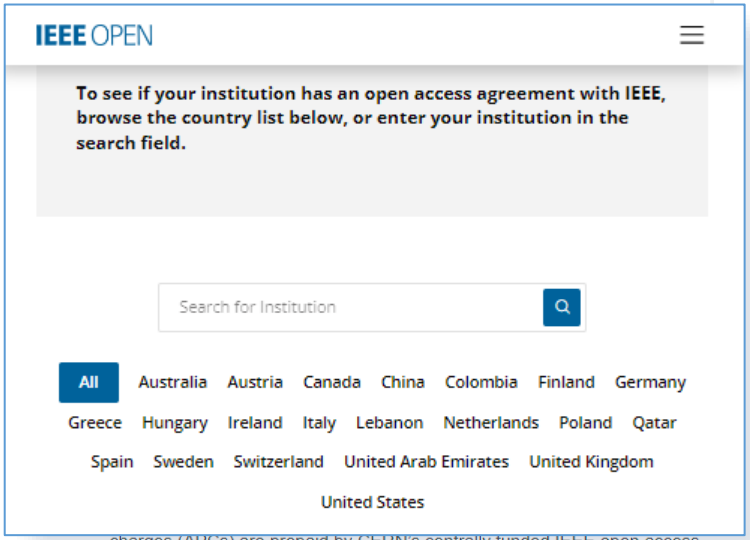
Program to be reviewed annually to ensure components and pricing are agreeable to both institutions as well as IEEE

For more information, please visit: **open.ieee.org**

IEEE and University of California Sign Transformative Open Access Publishing Agreement

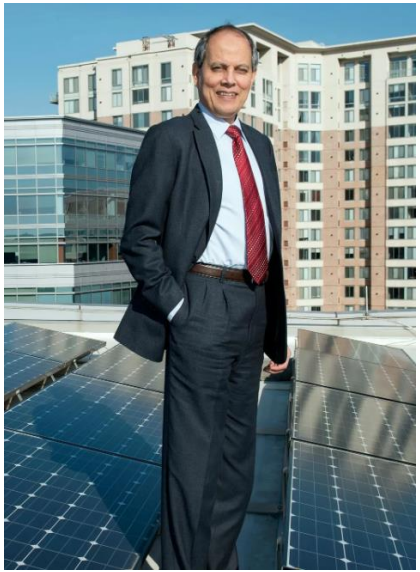
IEEE and CRUI Sign Three-Year Transformative Agreement to Accelerate Open Access Publishing in Italy

IEEE Reaches a Transformative Open Access Read and Publish Agreement with Finnish Consortium FinELib



charges (APCs) are prepaid by CERN's centrally funded IEEE open access APC account. CERN's authors are now able to publish open access articles in 160 leading hybrid journals and all fully open journals published by IEEE, making articles instantly available and free to read by the general public.

Our First Guest Speaker…



Dr. Saifur Rahman
Joseph R. Loring Professor of Electrical and Computer Engineering
Virginia Polytechnic Institute and State University, USA

Professor Saifur Rahman is the founding director of the Advanced Research Institute at Virginia Polytechnic Institute and State University, USA, where he is the Joseph R. Loring Professor of Electrical and Computer Engineering. He also directs the Center for Energy and the Global Environment. He is a Life Fellow of the IEEE and an IEEE Millennium Medal winner. He was the president of the IEEE Power and Energy Society (PES) for 2018 and 2019 and the founding editor-in-chief of the IEEE Electrification Magazine and the IEEE Transactions on Sustainable Energy.

Professor Rahman has served as the chair of the US National Science Foundation Advisory Committee for International Science and Engineering. He has published over 150 journal papers and has made over six hundred conference and invited presentations. In 2006, he served on the IEEE Board of Directors as the Vice President for Publications and is a distinguished lecturer for the IEEE Power & Energy Society. Professor Rahman has been elected as the 2022 IEEE President-Elect and will begin serving as IEEE President on 1 January 2023.

Tips and Best Practices on How to Get Published from an IEEE Editor

Dr. Saifur Rahman
Joseph R. Loring Professor of Electrical and Computer Engineering
Virginia Polytechnic Institute and State University, USA

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About Me…

Dr. Saifur Rahman

Joseph R. Loring Professor of Electrical and Computer Engineering
Virginia Polytechnic Institute and State University, United States

About my institution

Professor Saifur Rahman is the founding director of the Advanced Research Institute at Virginia Polytechnic Institute and State University, USA where he is the Joseph R. Loring Professor of Electrical and Computer Engineering. He also directs the Center for Energy and the Global Environment.

VIRGINIA TECH

About my roles and experience at IEEE

He is the 2022 IEEE President-elect, a Life Fellow of the IEEE and an IEEE Millennium Medal winner. He was the president of the IEEE Power and Energy Society (PES) for 2018 and 2019. He is the founding editor-in-chief of the *IEEE Electrification Magazine* and the *IEEE Transactions on Sustainable Energy*. He has served as the chair of the US National Science Foundation Advisory Committee for International Science and Engineering. He has published over 150 journal papers and has made over six hundred conference and invited presentations. In 2006, he served on the IEEE Board of Directors as the Vice President for Publications. He is a distinguished lecturer for the IEEE Power & Energy Society.

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Publishing Choices

How to select the right publication for your submission

IEEE

Publish

Pick Your Target Publication

- Select just **one** target publication; concurrent submissions are unethical
- Start by looking at the publications cited in **your references**
- **Ask your supervisor** or other colleagues experienced in publishing for recommendations
- Read the **Aims & Scope** of your potential targets and publications therein to ensure your article is a good fit
- Check out the **IEEE Publication Recommender** in the IEEE Author Center

Publish

IEEE journal or IEEE conference?

- A **journal article** is a fully developed presentation of your work and its final findings
  - Original research results presented
  - Clear conclusions are made and supported by the data
- A **conference article** can be written while research is ongoing
  - Can present preliminary results or highlight recent work
  - Gain informal feedback to use in your research
  - Typically shorter than journal articles, with less detail and fewer references

Publish

IEEE Journal or IEEE Conference?

	IEEE Journals	IEEE Conferences
✓ PRO	IEEE journals represent some of the top cited journals in the field according to annual Journal Citation reports and are cited 3 times more often in patent applications than other leading publisher's journals*	IEEE Conference proceedings are recognized worldwide as the most vital collection of consolidated published articles in EE, computer science, and related fields
✗ CON	A high percentage of articles submitted to any professional publication are rejected	Per IEEE Policy, if you do not present your article at a conference, it may be suppressed in IEEE *Xplore* and not indexed in other databases

*Source: www.ieee.org/citations, www.ieee.org/patentcitations

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Publish

Finding the right IEEE publication or IEEE conference

IEEE has approx. **200 unique periodicals** covering a wide range of technical areas

- Review the journal listings
  - Who reads it
  - What they publish
  - What types of articles are they looking for?

IEEE publishes over **1,600** leading-edge **conference proceedings** every year

- Review the conference calendar
  - Find a good match for your research subject matter
  - Ensure you are available to present

More on this topic in the next presentation…

IEEE

Some reasons to consider publishing open access:

OPEN ACCESS

- Greater visibility
- Rapid review
- Submission to publication timeframe
- Scope of work
- Funder mandates or publishing policies of your institution

IEEE

Submissions Process and Peer Review

What is peer review and how does it work?

Peer review is the system used to assess the quality and relevance of a manuscript before it is published.

Peer review is vital to the quality of published research. Your submitted article will be evaluated by at least two independent reviewers. Feedback from the peer reviewers will contribute to the editor's decision on whether to accept, request revision or reject your article for publication.

Independent researchers in the relevant research area assess submitted manuscripts for originality, validity and significance to help editors determine whether a manuscript should be published in their journal.

More information: https://journals.ieeeauthorcenter.ieee.org/submit-your-article-for-peer-review/about-the-peer-review-process/

Checklist for submitting your article for peer review

Get ready for peer review. IEEE has created a checklist for submitting your article to ensure you don't miss any important steps.

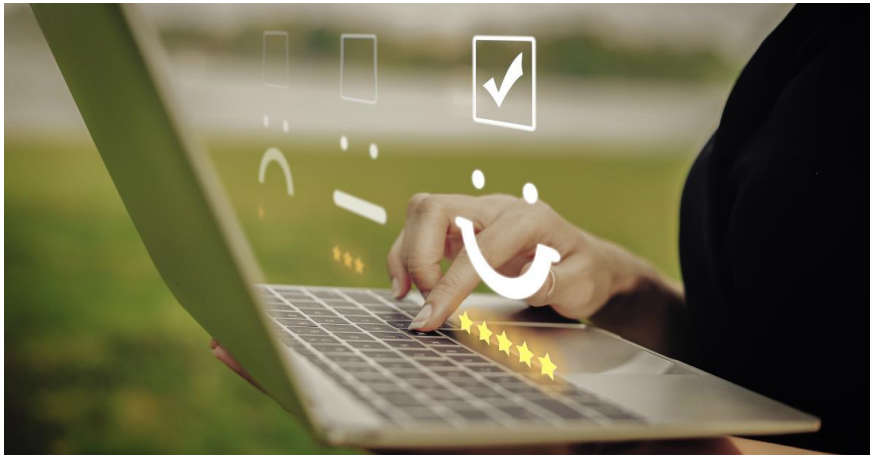
While preparing to submit your article for peer review make sure to:

- Review the submission guidelines for your target publication to ensure your article meets all requirements.
- Agree on who will serve as the article's corresponding author if your article has multiple authors.
- Check that you have all necessary files.
- Get an Open Researcher and Contributor ID (ORCID) if you do not have one already.

View the Checklist at the IEEE Author Center: https://journals.ieeeauthorcenter.ieee.org/submit-your-article-for-peer-review/checklist-for-submitting-your-article-for-peer-review/

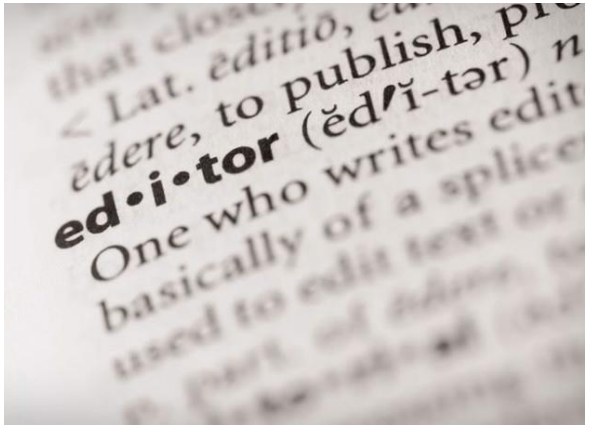
Novelties editors and reviewers look for in submissions

- New ideas
- New tools
- New methodologies
- New applications
- Cross-area domains



Characteristics IEEE editors and reviewers focus on

- Content that is appropriate, in scope and level
- Clearly written original material that addresses a new and important problem
- Extension of previously published work
- Valid methods and rationale
- Illustrations, tables and graphs that support the text
- References that are current and relevant to the subject



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What else are IEEE editors and reviewers are looking for?

During the peer review process, editors, and reviewers look for:

- **Scope:** Is the article appropriate for this publication?
- **Validity:** Is the study well designed and executed?
- **Data:** Are the data reported, analyzed, and interpreted correctly?
- **Clarity:** Are the ideas expressed clearly, concisely, and logically?
- **Compliance:** Are all ethical and journal requirements met?
- **Advancement:** Is this a significant contribution to the field?
- **Novelty:** Is this original material distinct from previous publications?

Why IEEE editors and reviewers reject papers

- The content is not a good fit for the publication
- There are serious scientific flaws:
  - Inconclusive results or incorrect interpretation
  - Fraudulent research
- It is poorly written
- The work was previously published
- It does not address a big enough problem or advance the scientific field
- The quality is not good enough for the journal
- The paper does not make a strong enough case to convince reviewers
- Poor structure and presentation

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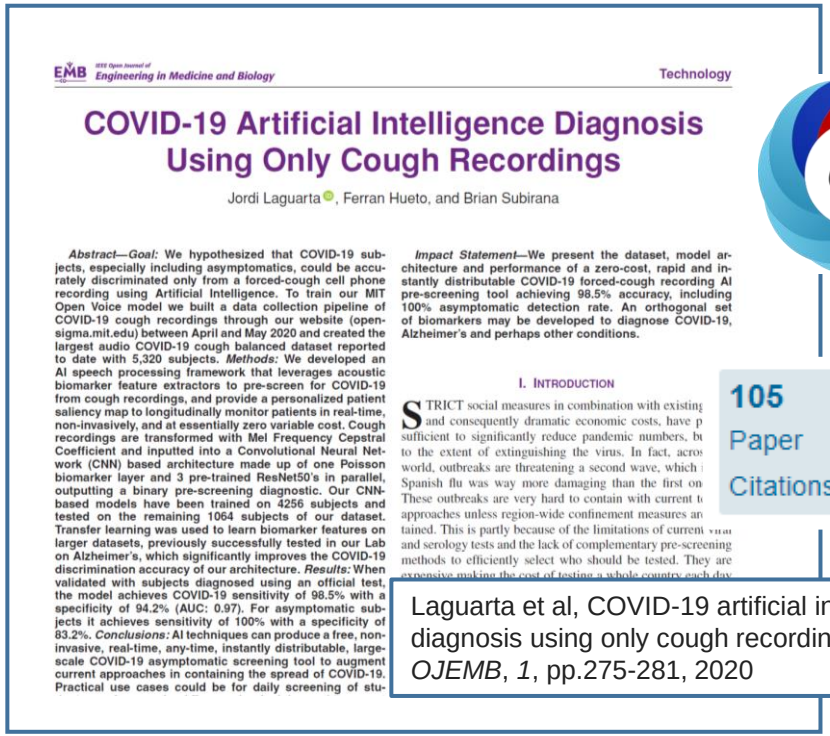
Technology Format (the typical IEEE format)

- Title
- Abstract
- Introduction
- Methods
- Results
- Discussion
- Conclusions
- References



IEEE Open Journal of Engineering in Medicine and Biology — Technology

COVID-19 Artificial Intelligence Diagnosis Using Only Cough Recordings

Jordi Laguarta, Ferran Hueto, and Brian Subirana

Abstract—Goal: We hypothesized that COVID-19 subjects, especially including asymptomatics, could be accurately discriminated only from a forced-cough cell phone recording using Artificial Intelligence. To train our MIT Open Voice model we built a data collection pipeline of COVID-19 cough recordings through our website (opensigma.mit.edu) between April and May 2020 and created the largest audio COVID-19 cough balanced dataset reported to date with 5,320 subjects. *Methods:* We developed an AI speech processing framework that leverages acoustic biomarker feature extractors to pre-screen for COVID-19 from cough recordings, and provide a personalized patient saliency map to longitudinally monitor patients in real-time, non-invasively, and at essentially zero variable cost. Cough recordings are transformed with Mel Frequency Cepstral Coefficient and inputted into a Convolutional Neural Network (CNN) based architecture made up of one Poisson biomarker layer and 3 pre-trained ResNet50's in parallel, outputting a binary pre-screening diagnostic. Our CNN-based models have been trained on 4256 subjects and tested on the remaining 1064 subjects of our dataset. Transfer learning was used to learn biomarker features on larger datasets, previously successfully tested in our Lab on Alzheimer's, which significantly improves the COVID-19 discrimination accuracy of our architecture. *Results:* When validated with subjects diagnosed using an official test, the model achieves COVID-19 sensitivity of 98.5% with a specificity of 94.2% (AUC: 0.97). For asymptomatic subjects it achieves sensitivity of 100% with a specificity of 83.2%. *Conclusions:* AI techniques can produce a free, non-invasive, real-time, any-time, instantly distributable, large-scale COVID-19 asymptomatic screening tool to augment current approaches in containing the spread of COVID-19. Practical use cases could be for daily screening of stu-

Impact Statement—We present the dataset, model architecture and performance of a zero-cost, rapid and instantly distributable COVID-19 forced-cough recording AI pre-screening tool achieving 98.5% accuracy, including 100% asymptomatic detection rate. An orthogonal set of biomarkers may be developed to diagnose COVID-19, Alzheimer's and perhaps other conditions.

I. Introduction

STRICT social measures in combination with existing and consequently dramatic economic costs, have p sufficient to significantly reduce pandemic numbers, bu to the extent of extinguishing the virus. In fact, acros world, outbreaks are threatening a second wave, which Spanish flu was way more damaging than the first on These outbreaks are very hard to contain with current t approaches unless region-wide confinement measures ar tained. This is partly because of the limitations of current and serology tests and the lack of complementary pre-screening methods to efficiently select who should be tested. They are expensive making the cost of testing a whole country each day

650

105 Paper Citations

58838 Full Text Views

Laguarta et al, COVID-19 artificial intelligence diagnosis using only cough recordings. *IEEE OJEMB*, *1*, pp.275-281, 2020

https://ieeexplore.ieee.org/document/9208795

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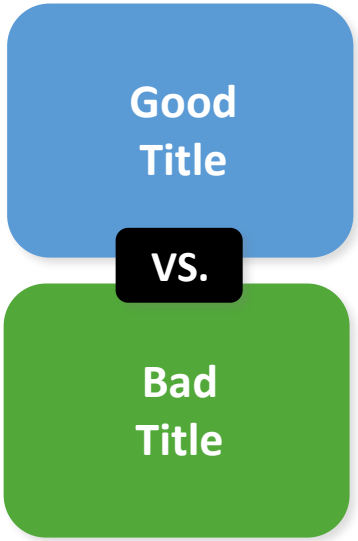
Title

An effective title should…

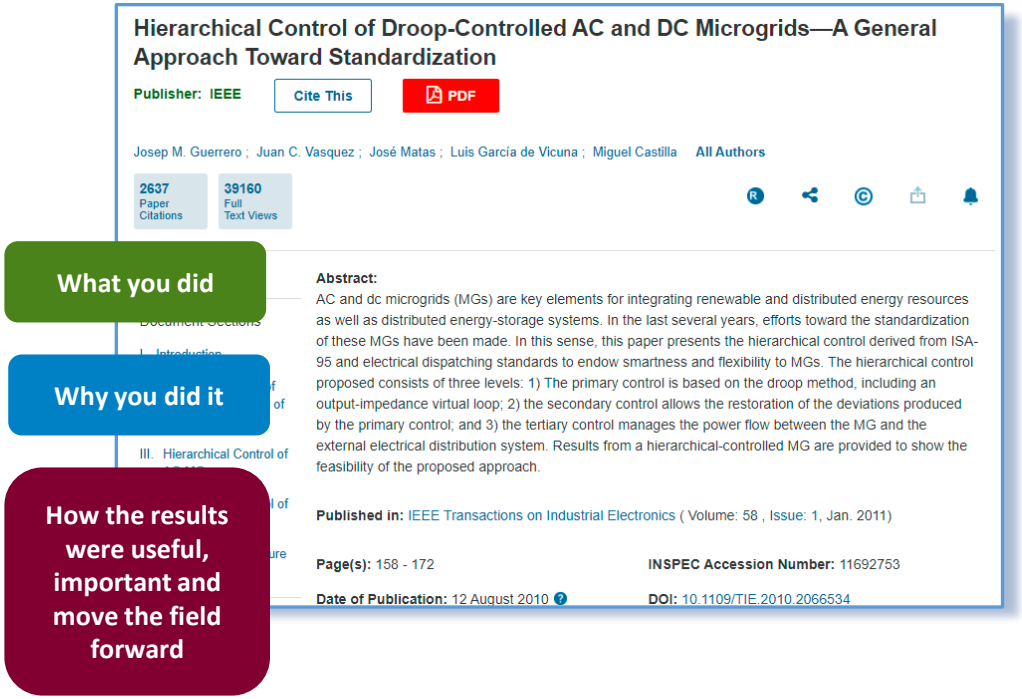
- Be specific, concise, and descriptive
- Answer the reader's question: *Is this article relevant to me?*
- Think about what you would search for if you were looking for articles related to your research. Be sure to incorporate those keywords into your title.
- Grab the reader's attention
- Describe the content of a paper using the fewest possible words



Paper Structure

Abstract

- Concise summary of research conducted, results obtained, and conclusions reached
- A “stand-alone” condensed version of the article
- Typically, 250 words or less
- Uses keywords and index terms



Paper Structure

Introduction

- A description of the problem you researched
- It should move step by step through the following:

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Paper Structure

Methods

- Problem formulation and the processes used to solve the problem, prove or disprove the hypothesis
- Use illustrations to clarify ideas and support conclusions

Paper Structure

Results

Demonstrate that you solved the problem or made significant advances

Summarize the Data

- Should be clear and concise
- Use figures or tables with narrative to illustrate your findings

Tables

Present representative data or used when exact values are important to show

Figures

Quickly show ideas/conclusions that would require detailed explanations

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Paper Structure

Discussion and Conclusions

- Explain why your research offers a new solution
- Discuss the implications of your results
- Summarize what the research has achieved
  - As it relates to the problem stated in the Introduction
  - Include a summary of the main findings and implications for the field
- Provide benefits and shortcomings of:
  - The solution presented
  - Your research and methodology
- Suggest future areas for research

The importance of ethics in publishing

Ethics in Publishing

Types of Misconduct

Conflict of Interest

- A financial or other relationship with the publication at odds with the unbiased presentation of data or analysis

Plagiarism

- Copying another person's work word for word or paraphrasing without proper citation

Author Attribution

- Must be given if you use another author's ideas in your article, even if you do not directly quote a source

Author Contributions

- Include all who have made a substantial intellectual contribution to the work
- Do not include minor contributors, but include acknowledgment of contribution

Ethics

Ethical publishing – Plagiarism

Avoid plagiarism

- Cite and separate any verbatim copied material – but how much?
- Paraphrase other's text properly, and be sure to include citations
- Credit any ideas from other sources
- Familiarize yourself with IEEE Policies

For more information on publishing ethics:

https://journals.ieeeauthorcenter.ieee.org/become-an-ieee-journal-author/publishing-ethics

IEEE

Ethics

Duplicate submissions

- Submit to only one journal at a time
- Avoid submitting an article which is the same or very similar to a previous one
- However… a conference paper can evolve into a journal article
- IEEE recognizes that technical research is often published first as a conference article with preliminary findings. As those initial findings become fully developed, the conference article can evolve into a journal article which contains your more developed research and conclusions. IEEE supports this evolutionary publishing process provided that:
  - Both the earlier and later articles undergo standard peer review
  - The later article contains substantially more information than the earlier
  - The later article cites the earlier article and clearly indicates how the two articles differ

Ethics

Ethical publishing – Duplication, Redundancies and Multiple Submissions

- **Author must submit original work that:**
  - Has not appeared elsewhere for publication
  - Is not under review for another refereed publication
  - Cites previous work
  - Indicates how it differs from the previously published work
  - Authors MUST **inform the editor** when submitting any previously published work


Thank
you

Our Next Guest Speaker…

AALBORG UNIVERSITY

Dr. Josep M. Guerrero
Director, Center for Research on Microgrids
Aalborg University, Denmark

Josep M. Guerrero (Fellow, IEEE) is a Full Professor with the Department of Energy Technology, Aalborg University, Denmark, where he is responsible for the Microgrid Research Program. His research interests are oriented to microgrid frameworks in applications such as microgrid clusters, IoT-based and digital twin maritime microgrids for electrical ships, vessels, ferries and seaports, and space microgrids applied to nanosatellites and closed ecological systems. Prof. Guerrero is an Associate Editor for a number of IEEE journals. He has published more than 600 journal papers in the fields of microgrids and renewable energy systems, which have been cited more than 60,000 times. During seven consecutive years, from 2014 to 2020, he was awarded by Clarivate Analytics as a Highly Cited Researcher with 50 highly cited papers. Professor Guerrero has also served as a member of the Editorial Board for IEEE *Access*, the IEEE's largest open access journal.

IEEE

How to Promote Your Research:

Tips and best practices to get your work exposure, read and cited

Dr. Josep M. Guerrero
Director, Center for Research on Microgrids
Aalborg University, Denmark

IEEE

About Me…

CROM

CROM is a leading European research center, affiliated to the Department of Energy Technology at Aalborg University. It is dedicated to the sustainable development on multi-disciplinary energy frameworks, providing reliable and optimal cutting-edge solutions to AC and DC microgrids, shipboard, offshore and maritime applications, space electric power systems, and IoT-based energy systems, among others.

AALBORG UNIVERSITY

CROM
CENTER FOR RESEARCH ON MICROGRIDS

Publishing and editorial work

Prof. Guerrero has published more than 600 journal papers in the fields of microgrids and renewable energy systems, which have been cited more than 60,000 times.

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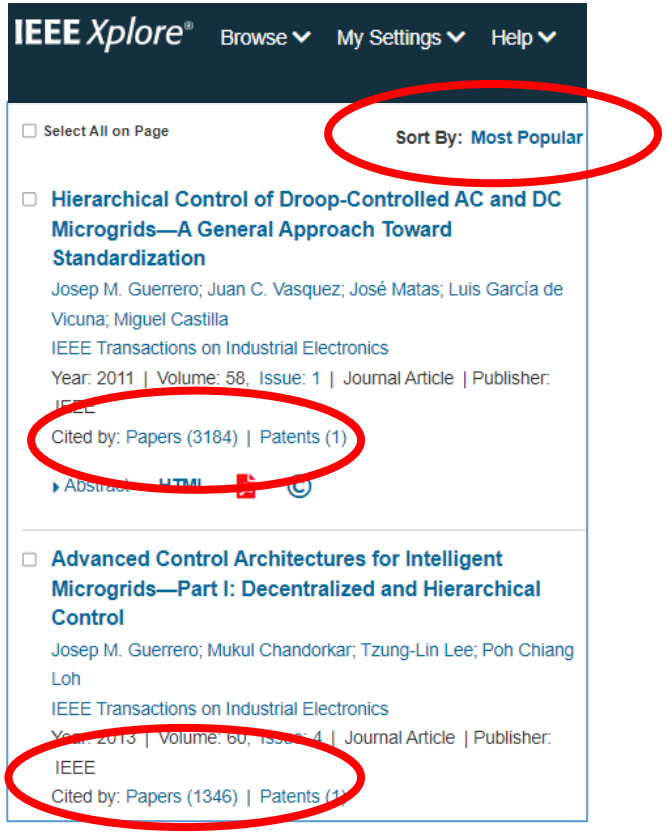
Promoting Your Research

- The more people who read and cite your research, the more impactful it becomes
- The impact of your paper can be greatly enhanced by promotion
- This in turn helps to boost your reputation and can lead to new opportunities for your career, grants and project funding – and also benefits your institution and collaborators
- Following are some tips to ensure that your article reaches as wide an audience as possible and potentially one day appear on the “most popular” list in IEEE *Xplore*!



Step 1 – Select the Right Publication for Your Research

- **Reputation of Publisher:** Does it have a long history and strong reputation as a credible source for quality information?
- **Journal Quality:** What are the citation metrics. Does it have an Impact Factor (IF), Eigenfactor, Article Influence Score or other citation metrics?
- **Indexing:** Is the journal listed and indexed in scholarly journal databases such as Web of Science, Scopus, or the Directory of Open Access Journals (DOAJ)?
- **Peer Review:** Does the journal have a strong peer review process that can even help you improve your work and the chances of it being cited?
- **Platform:** Does the journal platform receive significant traffic, easily accessible and stable?

IEEE

With that criteria in mind, compare IEEE as a publisher…

- IEEE has been a trusted voice for engineering and technology with a long history back to 1884
- IEEE journals are trusted, respected, and rank among the most highly cited in their fields
- Over 5 million monthly users of the IEEE *Xplore*® Digital Library
- All publications follow IEEE's established rigorous peer review process, publishing principles and quality standards
- IEEE maintains partnerships with A&I providers such as Elsevier, EBSCO, OCLC, Clarivate, ProQuest, IET, CrossRef and NLM to maximize the discovery of author works
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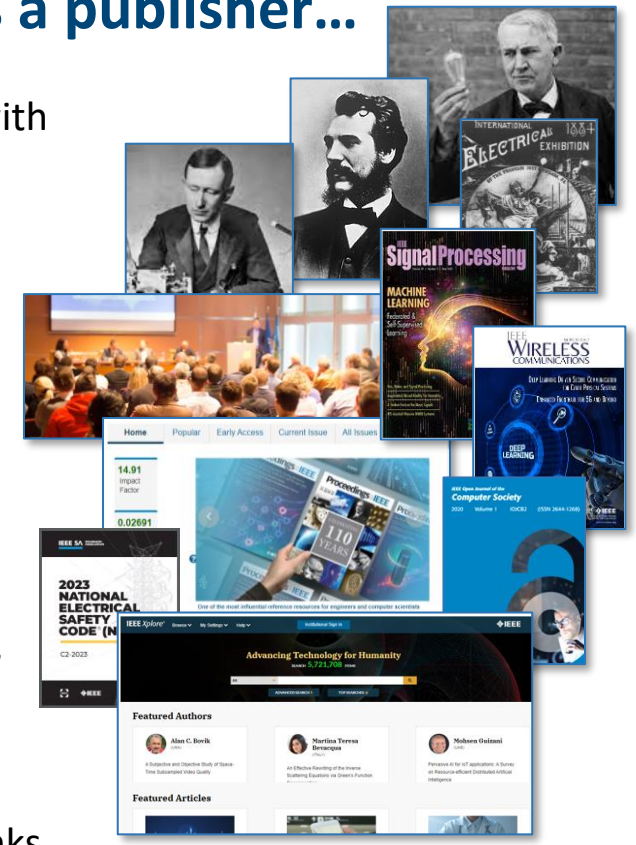

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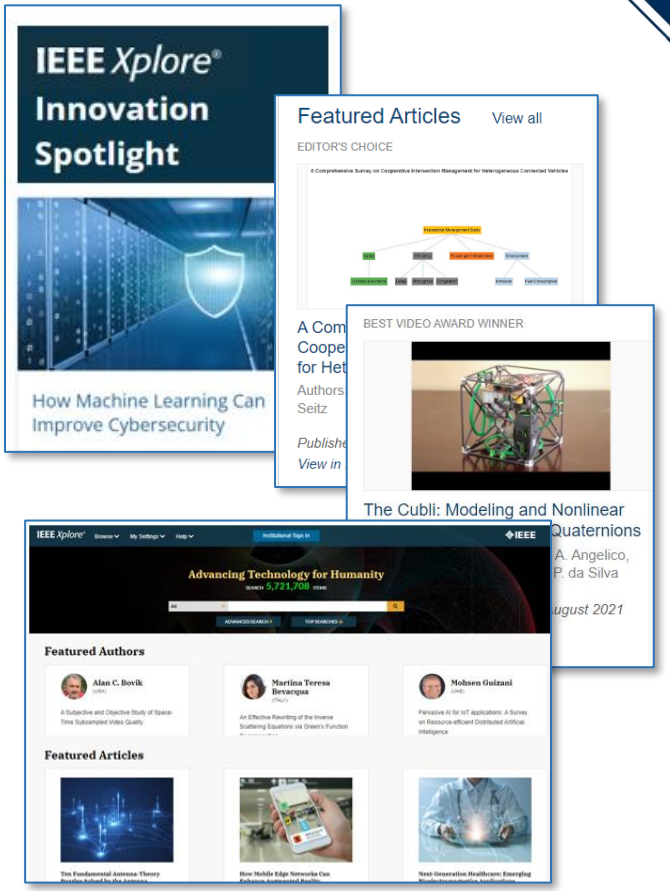
Step 2 - Prepare Your Manuscript for Optimal Discoverability

- **Title:** Ensure it accurately describes your work and impact, grabs attention and makes people want to read further
- **Abstract:** Should be well written highlighting the most important points about your study to help reader decide if they want to read the article. Be concise (250 words or less)
- **Keywords:** Keywords help indexers and search engines find relevant papers, enabling readers to discover them. Use them in title and abstract. Must be representative of paper content and specific to the field of study. *(Tip: Consider what you would search for if you were looking for articles related to your research)*
- **Data:** Provide a link to any relevant data essential to the research findings, which helps increase views and citations
- **Images:** Use captions for images to help your work get discovered

Once You Are Published…

The right publisher can help promote papers and make them widely available. They may often:

- Publicize selected papers as part of subject collections or a journal highlights collection
- Highlight particularly interesting articles in hot, popular topics on the publisher's site or social media
- Give journalistic coverage to selected papers of high impact
- Publish and promote an authors' video abstract (i.e. IEEE *Access*)
- Display the number of downloads and citations each article receives and may also post altmetrics (social media stats)



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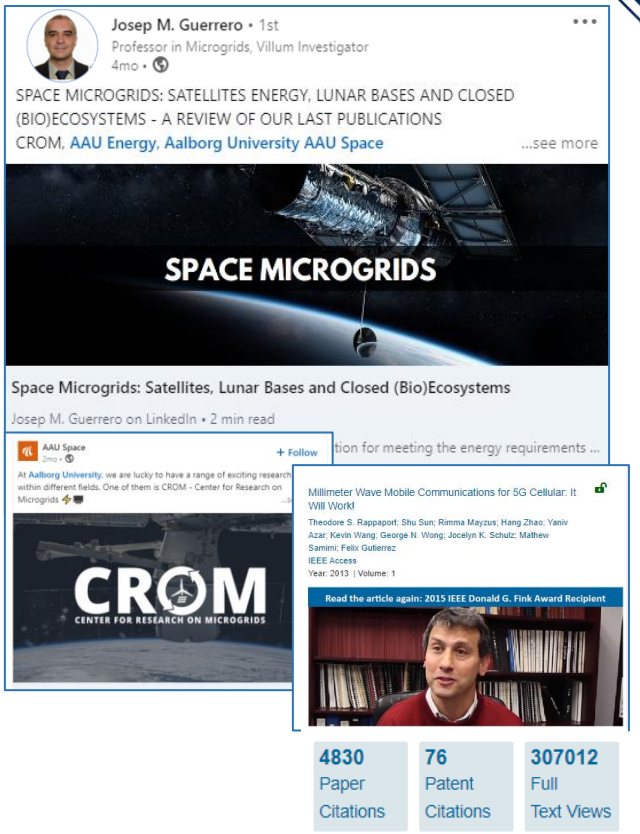
But an Author Can Also Help Drive Exposure

- Although publishers can certainly help, the spotlight opportunities are limited, and thousands of new articles are published each year
- But as the author, you can play a critical role to ensure your article is viewed by a wide audience
- Why should you promote your research?
  - Increase exposure
  - Gain recognition for your work
  - Can lead to greater impact and citations.
  - Increases your exposure and may lead to new collaborations.

Step 3 – Congratulations, You're Published! Now Promote Your Article!

- Communicate about your newly published article to your own professional network of colleagues and give them a link!
- Notify experts you have referenced in your paper, providing a link
- Update your profile on academic networking sites (LinkedIn, IEEE Collabratec, Mendeley) with a link to your published article
- Update your institutional/departmental homepage and research group website with a link to your paper
- Contact your institution's press office and ask for advice and help
- Produce a video or graphical abstract giving an accessible introduction to your article, and share it on social media to increase views



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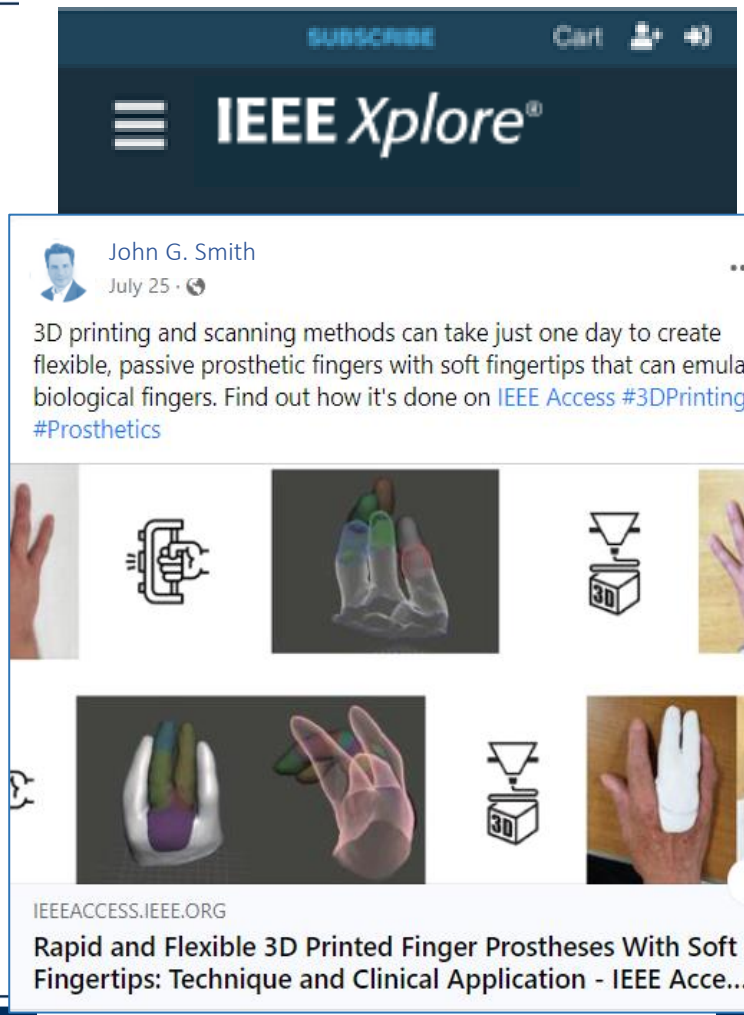
Example: Publish graphical abstract and share it via IEEE *Xplore* on social media

- Articles with graphical abstracts stand out to users in search results, resulting in more views
- To promote the article once you are published, simply go to the article's abstract page
- Click the share button from the icons on the right and select your social media platform of choice
- Write a brief overview in lay language to describe the impact of your work
- And post on social for all of your colleagues to see – and share as well!



More Social Media Tips

- Leverage social media to tell people about your work and why it is important
- Be sure to explain the significance of your research in lay language
- Share links to your articles
- Post frequently to build your network
- Engage with influential experts in your field
- Engage with others in discussions
- Reach a broader audience with multimedia

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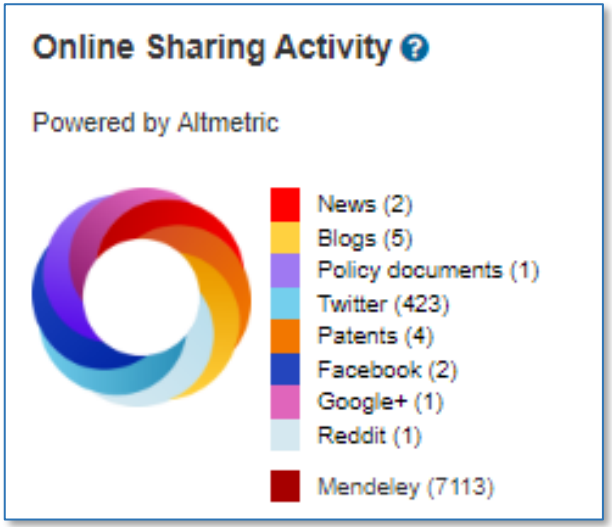
Is it working?

- Are your efforts to promote your work leading to downloads and citations?
- By tracking the performance of your article, you can adjust the way you are sharing your work and make sure it's getting to the right people
- Article-level metrics let you track the impact of your publications in different areas, from traditional scientific literature (citations) to broader society (social media shares)
- Various metrics available from publisher sites such as IEEE *Xplore*, academic networks, social media and Web of Science



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- List your articles on your website or blog
- Register for an ORCID ID (unique author identifier)
- Mention your publication at conferences when giving presentations and how to easily find them
- Tell people what conferences you will be attending so they can discuss your research with you
- Use your email signature to tell people about your work and point them to it

One Final Note – Don’t Go It Alone!

- Ask your colleagues for help!
- Ask your co-authors or collaborators to pitch in
- Involve your institution’s communications department (blog, podcast, guest post)
- Talk to your editor about journal promotional opportunities you might be able to participate in
- Leverage social media and your professional network

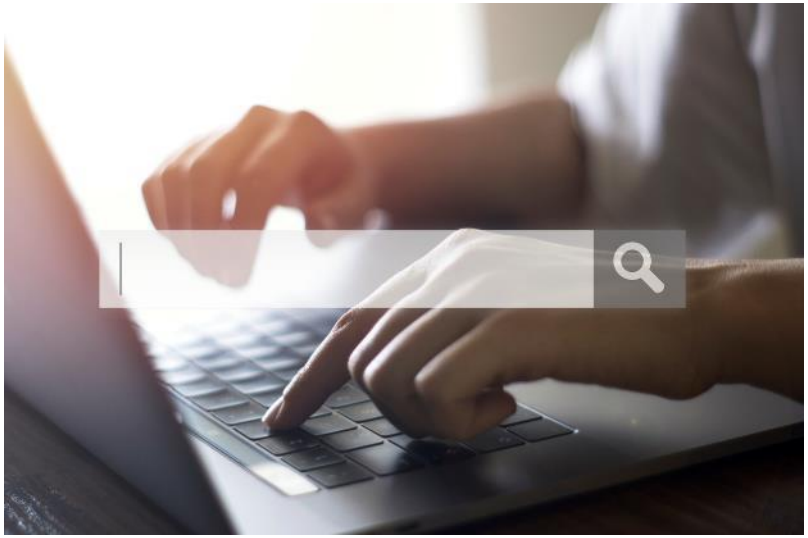
Thank you for your time today!

IEEE X*plore*: Research Strategies and Tools for Authors

Marcia Ferreira
IEEE Client Services Manager
training@ieee.org

Your **research problem** must contribute **new** and **important** knowledge to your field

- **Conduct a literature review**
- Take notes and keep track
- Gather references and citations



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Setting Up a Free Personal Account

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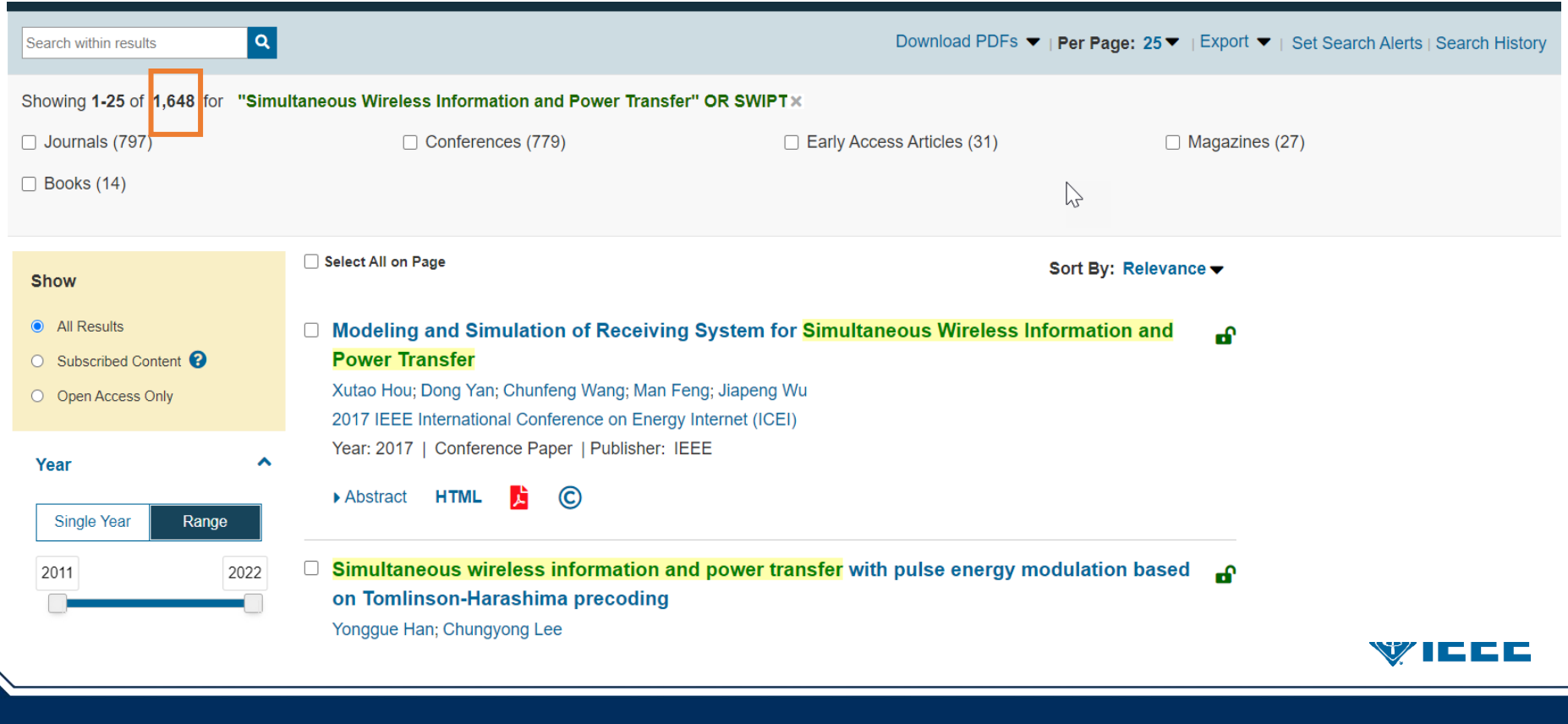


Refine and Re-sort

Select All on Page

Sort By: Most Cited [By Papers]

Wireless Information and Power Transfer: Architecture Design and Rate-Energy Tradeoff

Xun Zhou; Rui Zhang; Chin Keong Ho

IEEE Transactions on Communications

Year: 2013 | Volume: 61, Issue: 11 | Journal Article | Publisher: IEEE

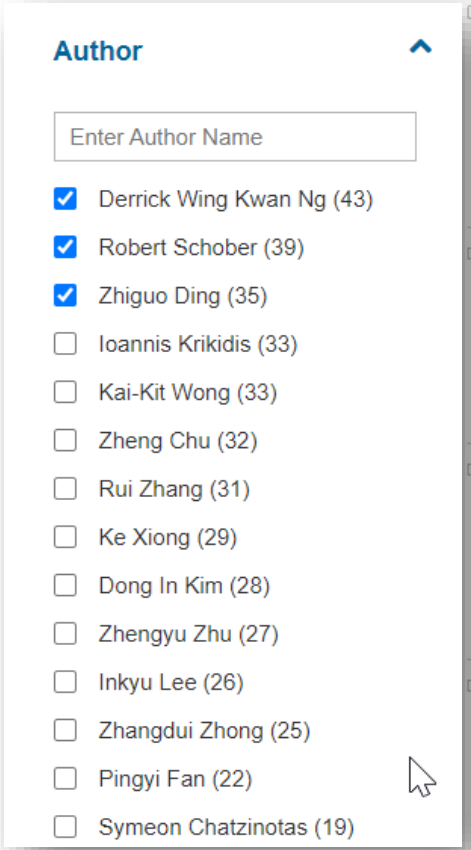
Cited by: Papers (1392) | Patents (2)

Abstract HTML

From To

Tharindu D. Ponnimbaduge Perera; Dushantha Nalin K. Jayakody; Shree Krishna Sharma; Symeon

Filter Keyword Searches by Authors



Simultaneous wireless information and power transfer in OFDM systems based on subcarrier allocation
Jiaying Wu; Weidang Lu; Hong Peng; Xin Liu; Jingyu Hua
2016 International Wireless Communications and Mobile Computing Conference (IWCMC)
Year: 2016 | Conference Paper | Publisher: IEEE
Cited by: Papers (3)
Abstract HTML

A Novel Simultaneous Wireless Information and Power Transfer System
Xin Liu; Xijun Yang; Dianguang Ma; Nan Jin; Xiaoyang Lai; Houjun Tang
2019 IEEE Wireless Power Transfer Conference (WPTC)
Year: 2019 | Conference Paper | Publisher: IEEE
Cited by: Papers (1)
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Magnetic Coupling Resonant Simultaneous Wireless Power and Information Transfer System with Switched Relay Resonators
Penghui Han; Xin Wang; Jiawei Zhang; Yuefeng Ji
2021 IEEE Asia-Pacific Microwave Conference (APMC)
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Simultaneous Wireless Information and Power Transfer Under Different CSI Acquisition Schemes
Chen-Feng Liu; Marco Maso; Subhash Lakshminarayana; Chia-Han Lee; Tony Q. S. Quek
IEEE Transactions on Wireless Communications
Year: 2015 | Volume: 14, Issue: 4 | Journal Article | Publisher: IEEE

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Robert Schober

Also published under: R. Schober

Affiliation

Institute for Digital Communications, Friedrich-Alexander University Erlangen-Nürnberg (FAU),Germany

Publication Topics

optimisation, array signal processing, MIMO communication, wireless channels, resource allocation, interference suppression, telecommunication power management, concave programming, convex programming, iterative methods, autonomous aerial vehicles, multi-access systems, telecommunication network reliability, cellular radio, computational complexity, energy harvesting, quality of service, radiofrequency interference, approximation theory, decoding, antenna arrays, molecular communication (telecommunication), channel estimation, intelligent materials, minimisation

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Biography

Robert Schober (Fellow, IEEE) received the Diplom (Univ.) and the Ph.D. degrees in electrical engineering from Friedrich-Alexander University of Erlangen-Nuremberg (FAU), Germany, in 1997 and 2000, respectively. From 2002 to 2011, he was a Professor and Canada Research Chair at the University of British Columbia (UBC), Vancouver, Canada. Since January 2012 he is an Alexander von Humboldt Professor and the Chair for Digital Communication at FAU. His research interests fall into the broad areas of Communication Theory, Wireless

Publications	Citations
825	27,783

Publications by Year

1998 2022

Co-Authors:

Katharina Ackermann
Monika Agrawal
Arman Ahmadzadeh
Imtiaz Ahmed
Doaa Ahmed

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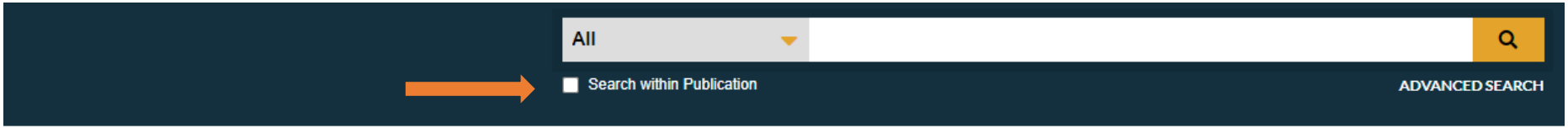

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Journals (11)

Year

Publisher: IEEE Years: 2020 - Present Most Recent Issue

IEEE Open Journal of the Communications Society

Publisher: IEEE Years: 2020 - Present Most Recent Issue

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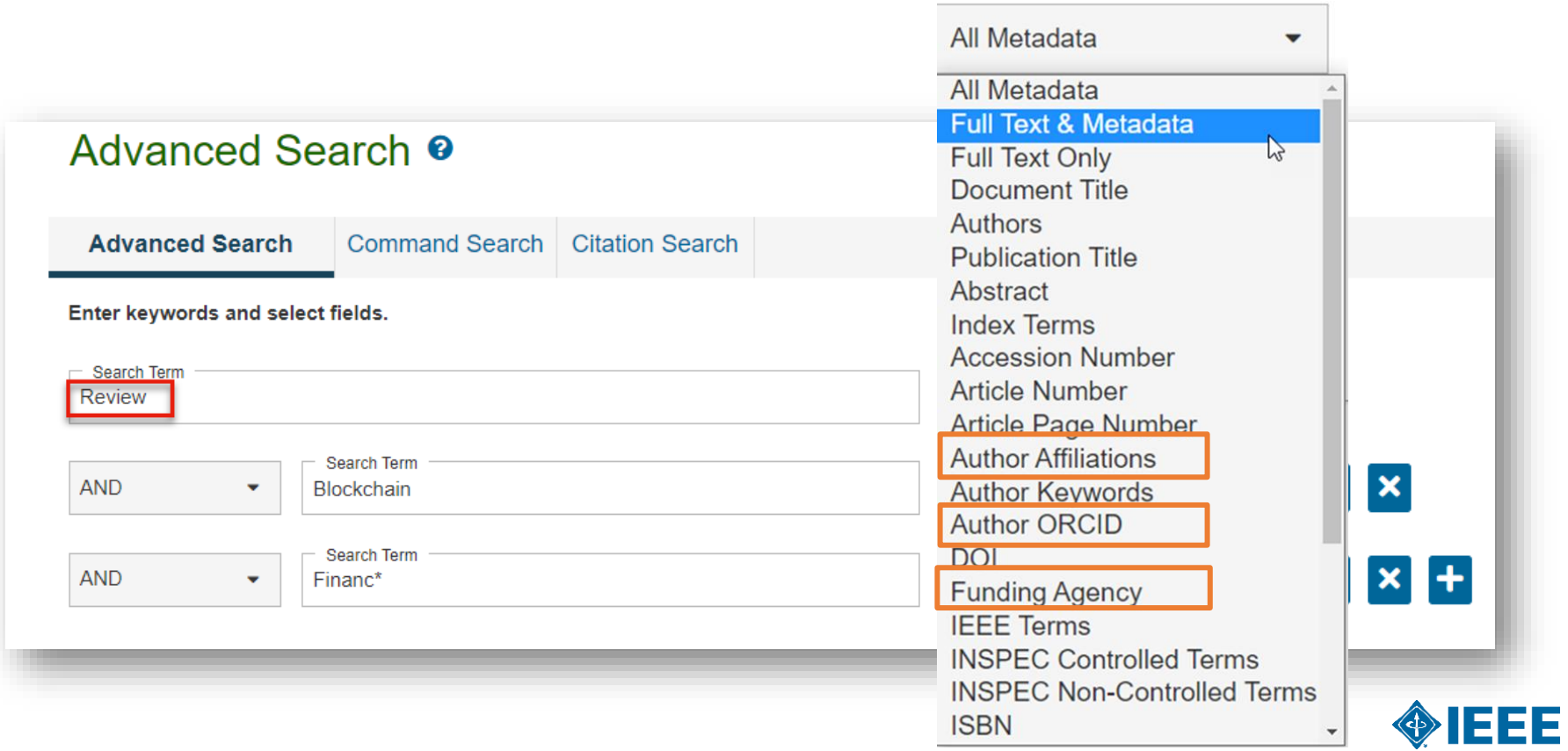
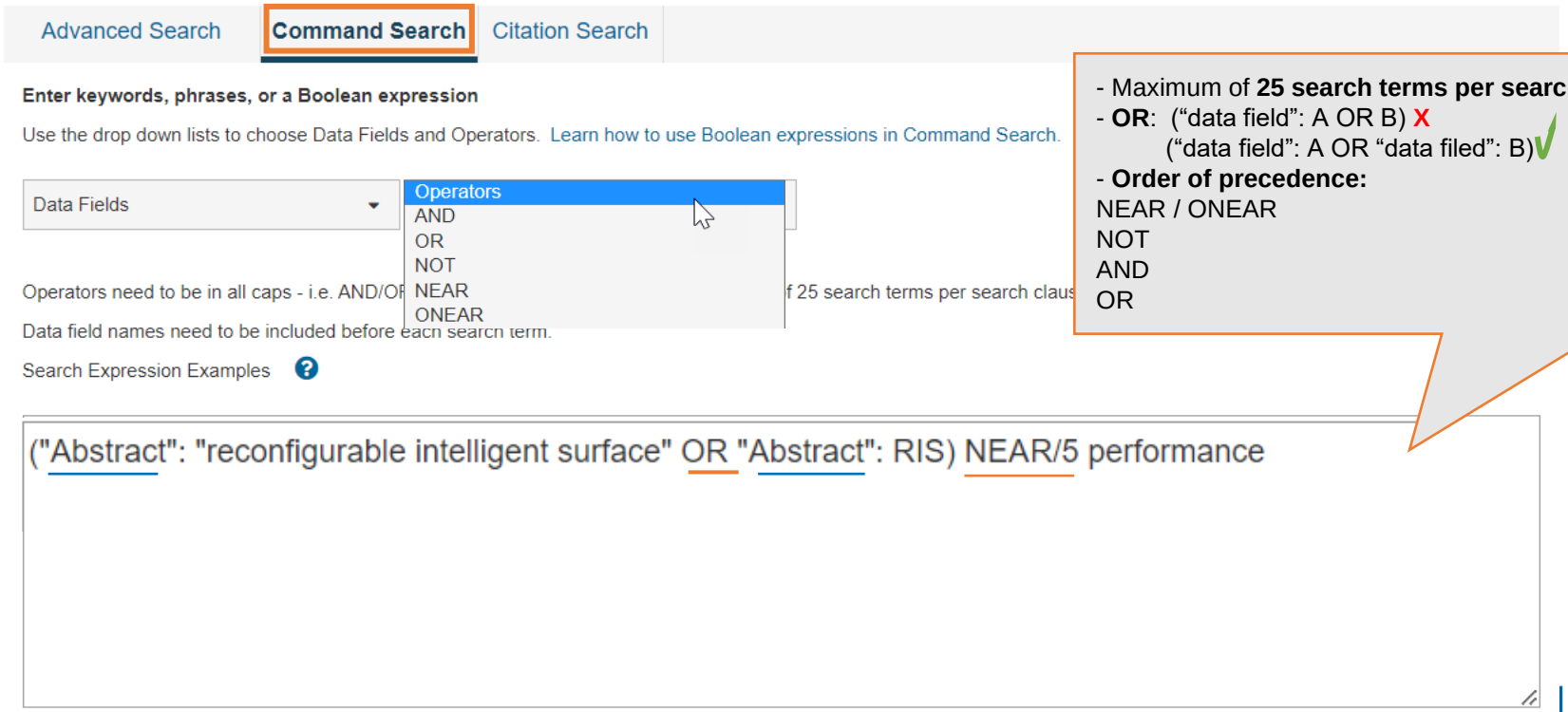
More Complex Searches: Structured Advanced Search



Command Search: Fewer and more targeted search results

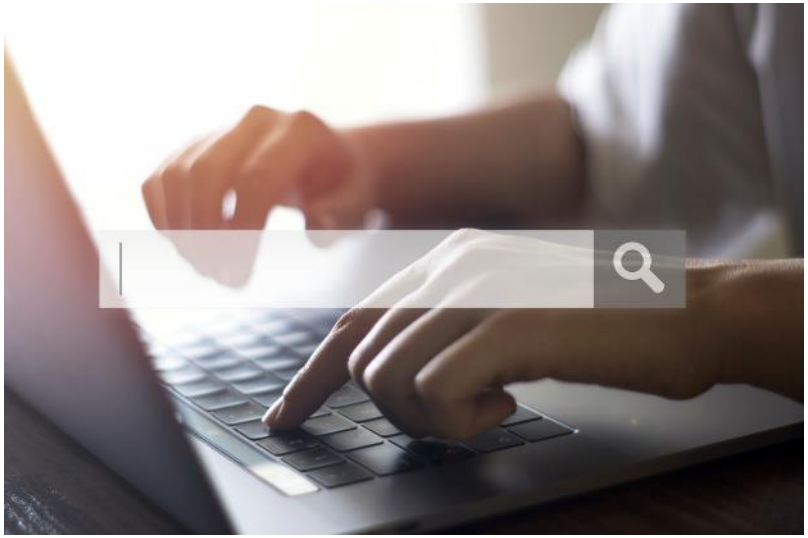


- Maximum of **25 search terms per search clause**
- **OR**: (“data field”: A OR B) **X**
  (“data field”: A OR “data filed”: B) ✓
- **Order of precedence:**

NEAR / ONEAR
NOT
AND
OR

Your **research problem** must contribute **new** and **important** knowledge to your field

- Conduct a literature review
- **Take notes and keep track**
- Gather references and citations



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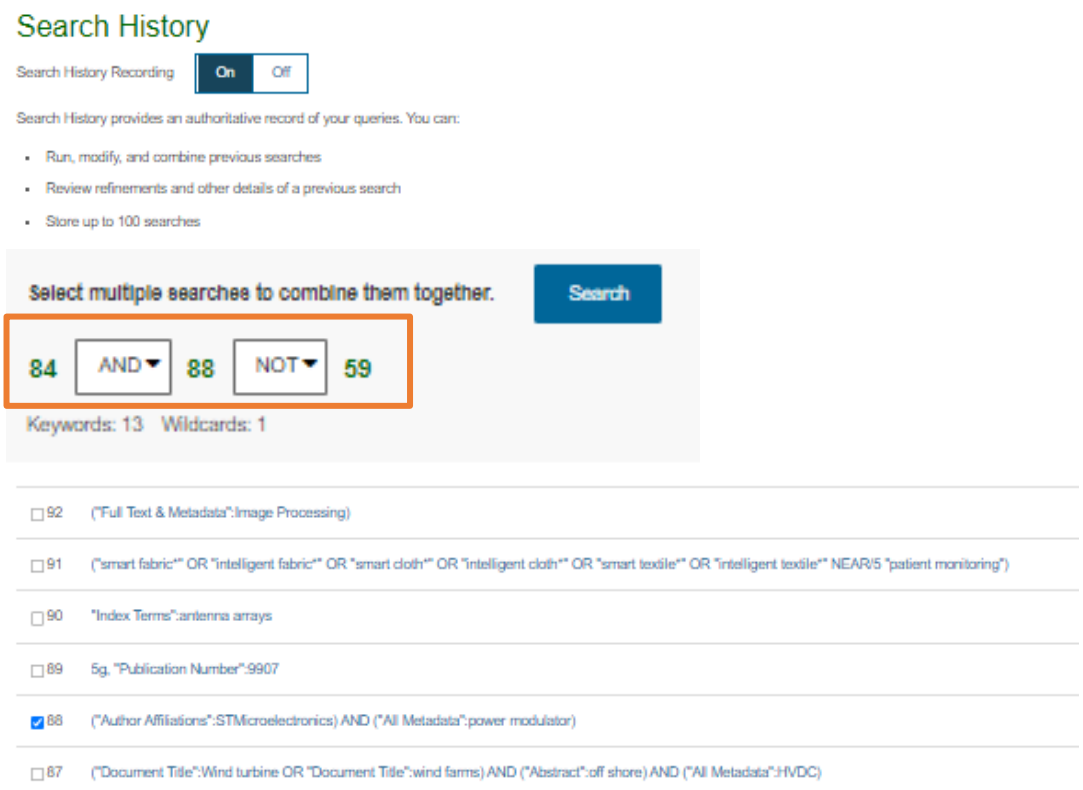

- IEEE *Xplore* saves your 100 most recent search queries.
- You can reuse these search queries and combine them to create new queries.
- Searches including "NEAR" or "ONEAR" operators cannot be combined
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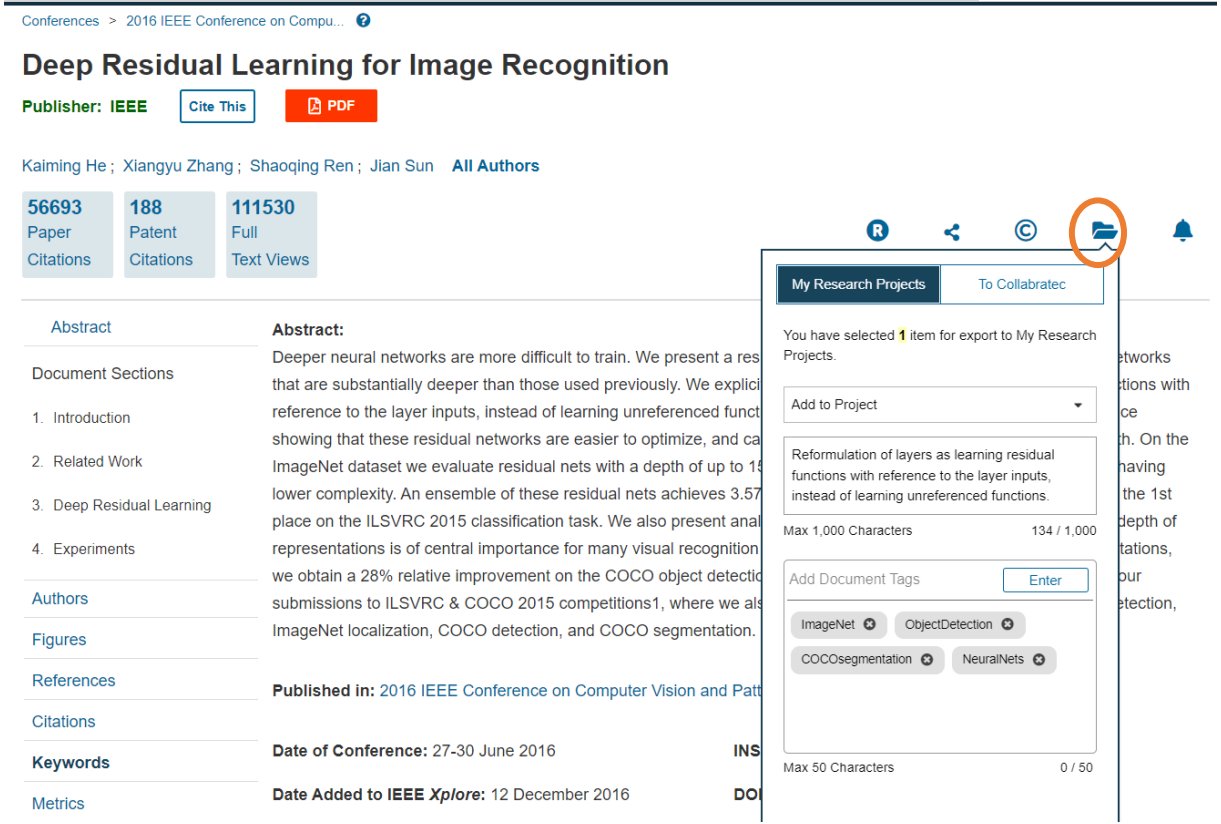
My Research Projects

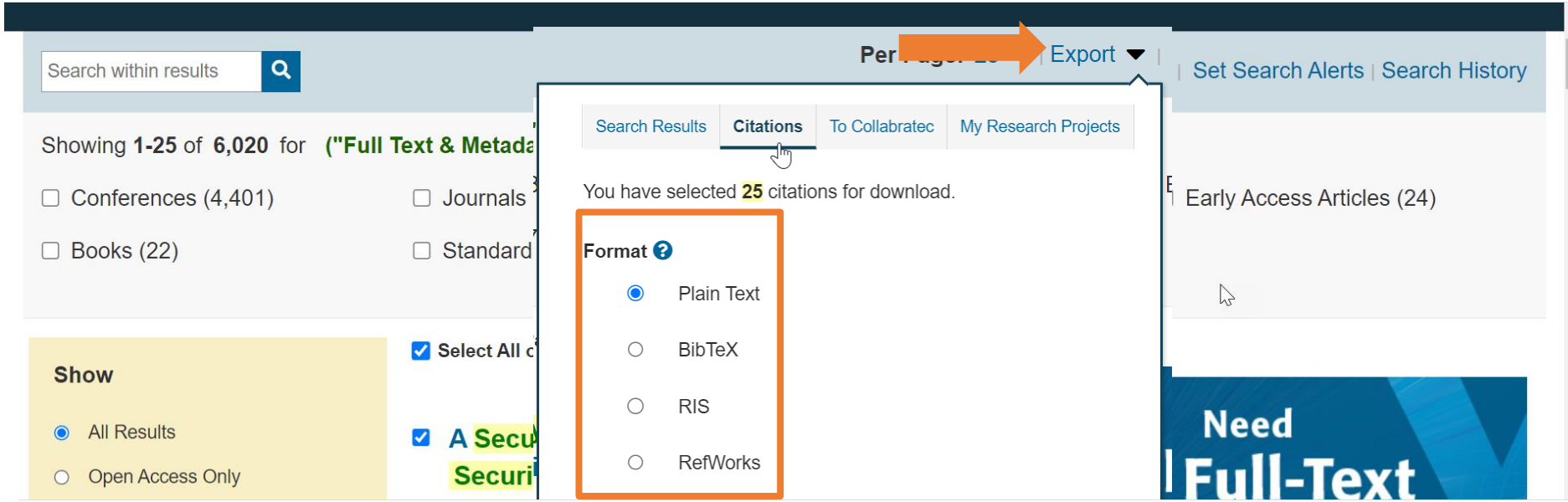


- Create up to 15 projects and add up to 1,000 documents in each project.
- Use custom tags to connect documents with matching concepts within projects.

Gather References & Citations

- Conduct a Literature Review
- Take Notes & Keep Track
- **Gather References and Citations**

Download or Save Citations from Result List



A. Aigner and A. Khelil, "A Security Scoring Framework to Quantify Security in Cyber-Physical Systems," *2021 4th IEEE International Conference on Industrial Cyber-Physical Systems (ICPS)*, Victoria, BC, Canada, 2021, pp. 199-206.
doi: 10.1109/ICPS49255.2021.9468168
keywords: {Adaptation models;Connected vehicles;Automation;Conferences;Cyber-physical systems;Data models;Critical infrastructure;Security Scoring;Security Rating;Security Metric;Threat Analysis;Industrial Cyber-Physical Systems},
URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9468168&isnumber=9468113

R. L. A. Tavares, R. d. O. Albuquerque and W. F. Giozza, "Effectiveness evaluation of a nuclear facility security system under a cyber-physical attack scenario," *2022 17th Iberian Conference on Information Systems and Technologies (CISTI)*, Madrid, Spain, 2022, pp. 1-6.
doi: 10.23919/CISTI54924.2022.9820179
keywords: {Training;Analytical models;Digital systems;Probabilistic logic;Nuclear power generation;Critical infrastructure;Security;nuclear security;cyber security;critical infrastructure},
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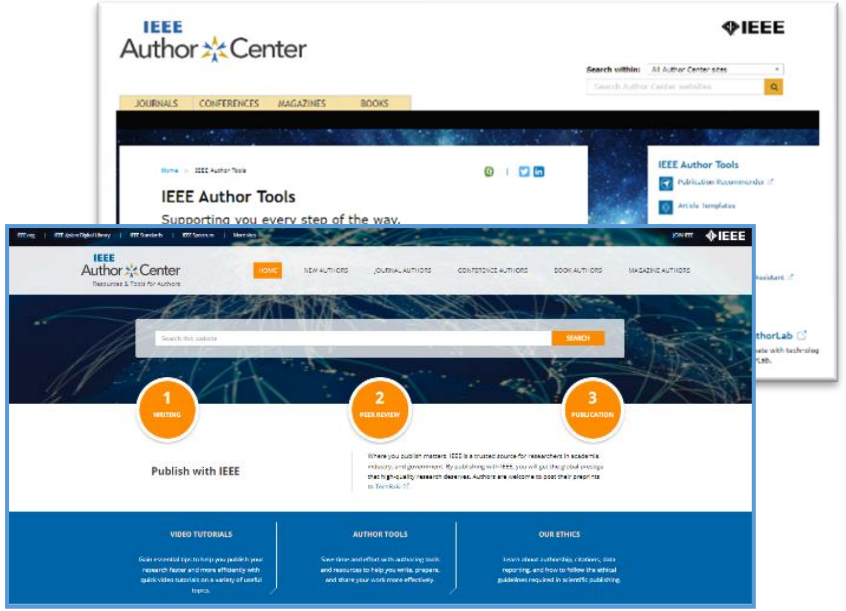

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Pattern Analysis and Machine Intelligence, IEEE Transactions on	Open Access Available	24.314	42 Weeks
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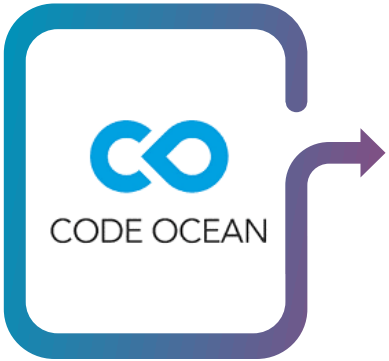

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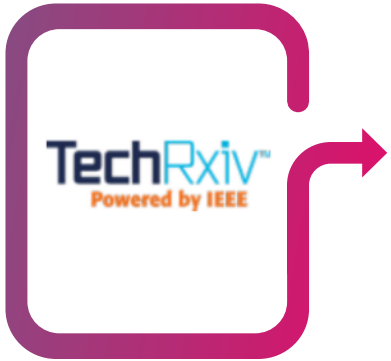
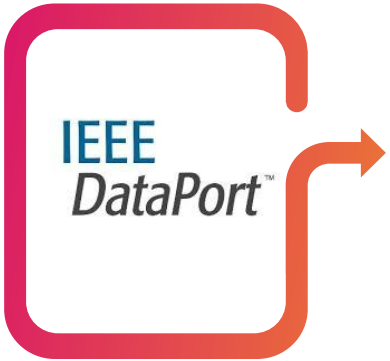
Upload code free of charge and users can access code without a subscription



Earliest Access to Studies

Preprint server to post early versions of articles for feedback, prior to peer review



Open Data from Studies

Publish large data sets associated with research studies

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Publishing Trends and Author Resources

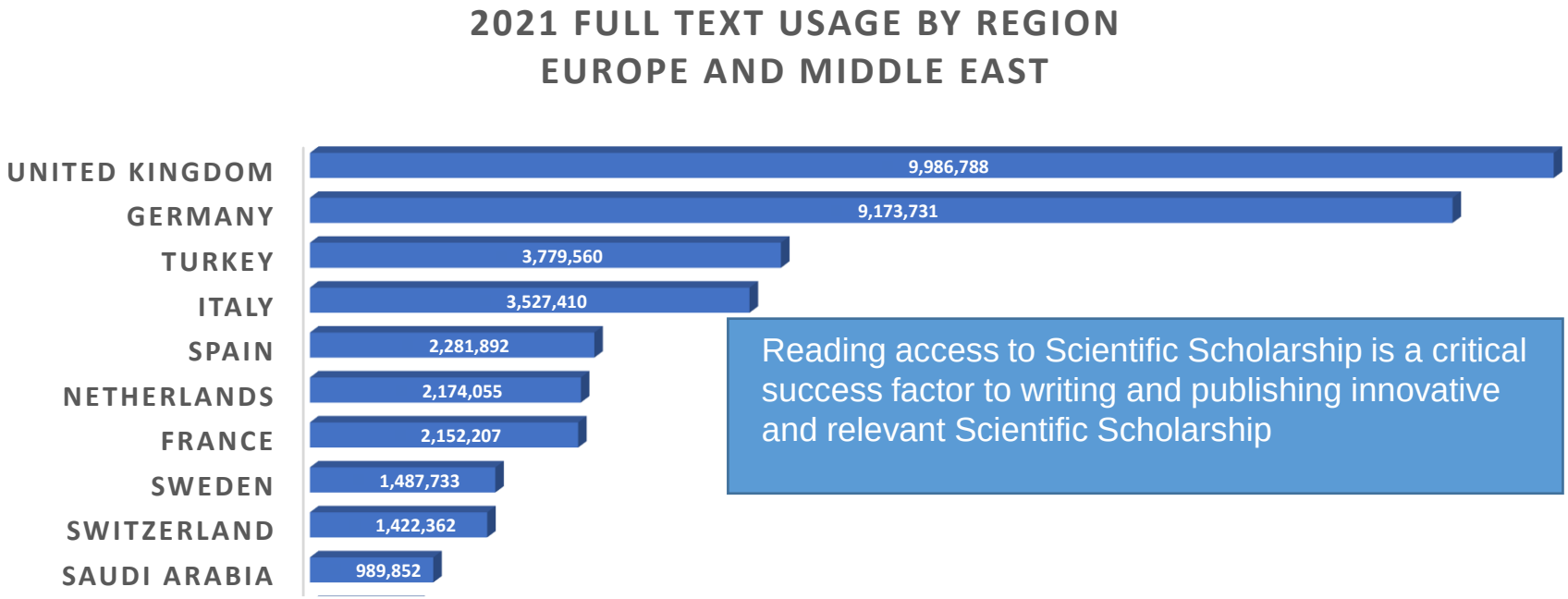
Judy H Brady
IEEE Regional Manager for Europe, the Middle East, Africa & Latin America
j.brady@ieee.org

Publishing Trends and Author Resources

Overview:

- IEEE Xplore Reading and Publishing Trends
- IEEE Content Growth
- Institutional Agreements and Resources for Authors

IEEE *Xplore* Digital Library – Reading Supports Writing



Reading access to Scientific Scholarship is a critical success factor to writing and publishing innovative and relevant Scientific Scholarship

Source: 2021 Adobe Data

January 2022

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IEEE journals dominate in their fields of interest

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IEEE publishes:

- **8 of the top 10** journals in **Electrical and Electronic Engineering**
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- **3 of the top 5** journals in **Computer Science: Information Systems**
- **3 of the top 5** journals in **Computer Science: Software Engineering**
- **3 of the top 5** journals in **Imaging Science and Photographic Technology**

Source: Journal Citation Reports (Clarivate Analytics, 2022)

Each year, the Journal Citation Reports® (JCR) from Web of Science Group examines the influence and impact of scholarly research journals. JCR reveals the relationship between citing and cited journals, offering a systematic, objective means to evaluate the world's leading journals.

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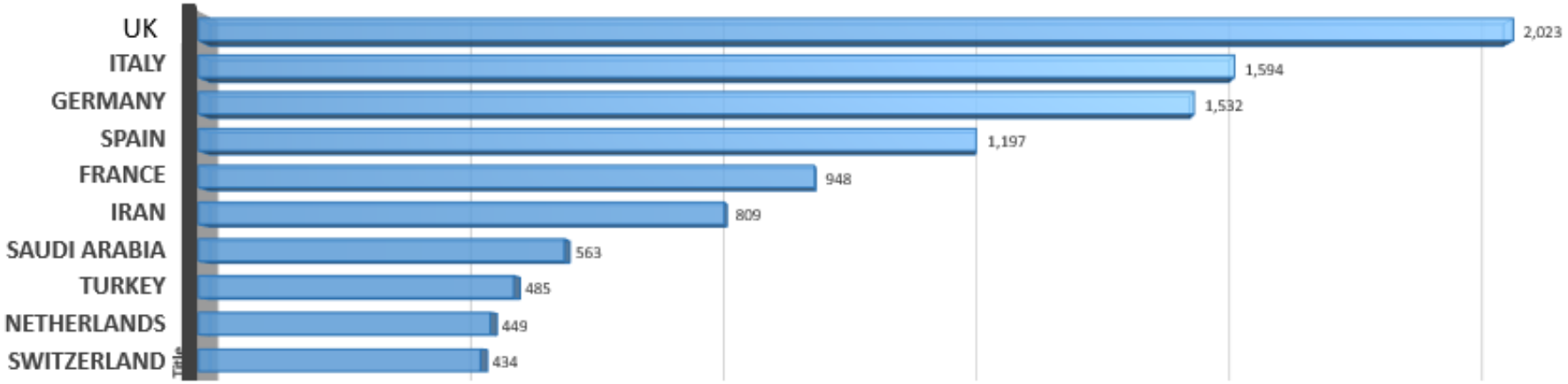
Europe & Middle East: 2021 IEEE Journal Publishing

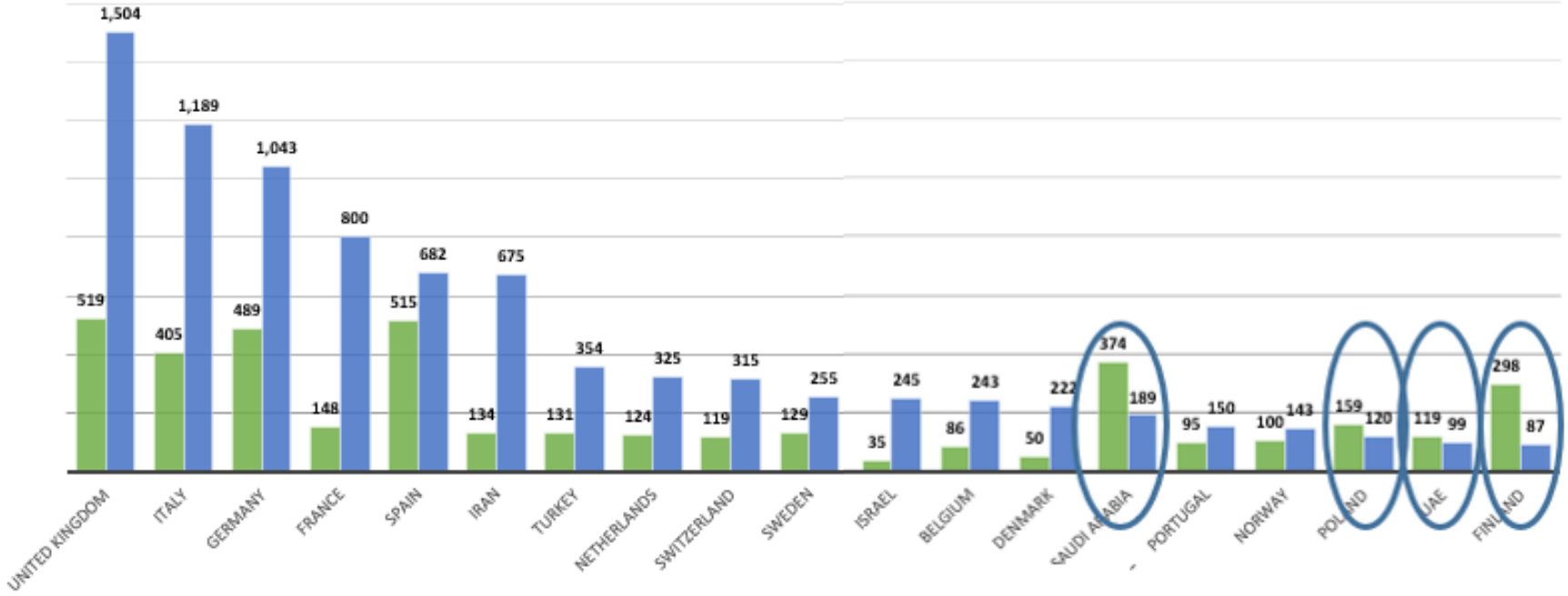
- Top Regions by IEEE Journal Article Output



Source: IEEE Publications Department, March 2022

Europe & Middle East: Journal Article Output 2021

- Corresponding author data – open access vs traditional publishing



Source: IEEE Publications Department, 2021 Publishing Data based on order date March 2022

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Total IEEE subscribed content posted grew by an average of **3.2%** over the past 5 years*

	New IEEE Subscribed Documents Per Year	Growth in IEEE Subscribed Documents Per Year
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2020	258,592	↑ 9.9%
2019	235,345	- 7.6%**
2018	254,778	↑ 3.3%
2017	246,635	↑ 7.3%

Included in IEL

** Conf. posting delay due to system upgrade

* IEEE content included in IEL includes journals, conference and standards documents exclusively available to subscribers. Source: IEEE *Xplore* journal data queries Feb 2022, excludes early access content. Conference paper information based on acquisition and posting data provided by the IEEE Meetings Conf. and Events (MCE) Team

IEEE

IEEE Subscribed Journal Content Continues to Grow in IEEE *Xplore*

IEEE has now published more than 80,000 total OA papers via IEEE Xplore

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	New IEEE Journal Subscribed Documents Per Year	Growth in IEEE Journal Subscribed Documents Per Year	Total New IEEE Open Access Documents
2021	57,956	↑ 10.4%	22,324
2020	52,500	↑ 7.4%	17,733
2019	48,903	↑ 3.3%	9,822
2018	47,340	↑ 5.2%	4,884
2017	45,008	↑ 2.5%	2,515

Included in IEL

Not included in IEL

- IEEE content included in IEL includes journal articles exclusively available to subscribers.

Excludes early access content Source: IEEE *Xplore* journal data queries Feb 2022

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- IEEE Open Journal of the Computer Society
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- IEEE Journal of the Electron Devices Society
- IEEE Open Journal of Engineering in Medicine and Biology
- IEEE Journal on Exploratory Solid-State Computational Devices and Circuits
- IEEE Open Journal of the Industrial Electronics Society
- IEEE Open Journal of Industry Applications
- IEEE Open Journal of Instrumentation and Measurement
- IEEE Open Journal of Intelligent Transportation Systems
- IEEE Journal of Microwaves
- IEEE Open Journal of Nanotechnology
- IEEE Transactions on Neural Systems and Rehabilitation Engineering
- IEEE Photonics Journal
- IEEE Open Access Journal of Power and Energy
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- IEEE Open Journal of the Solid-State Circuits Society
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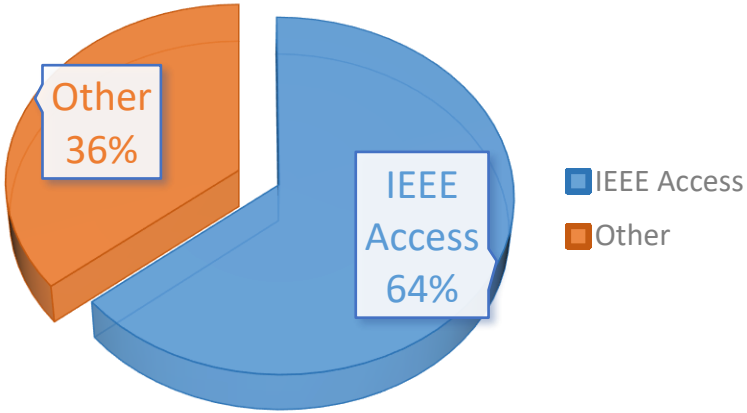
Many choose IEEE *Access* for IEEE OA Options

- Corresponding author data, 2021 IEEE Journals



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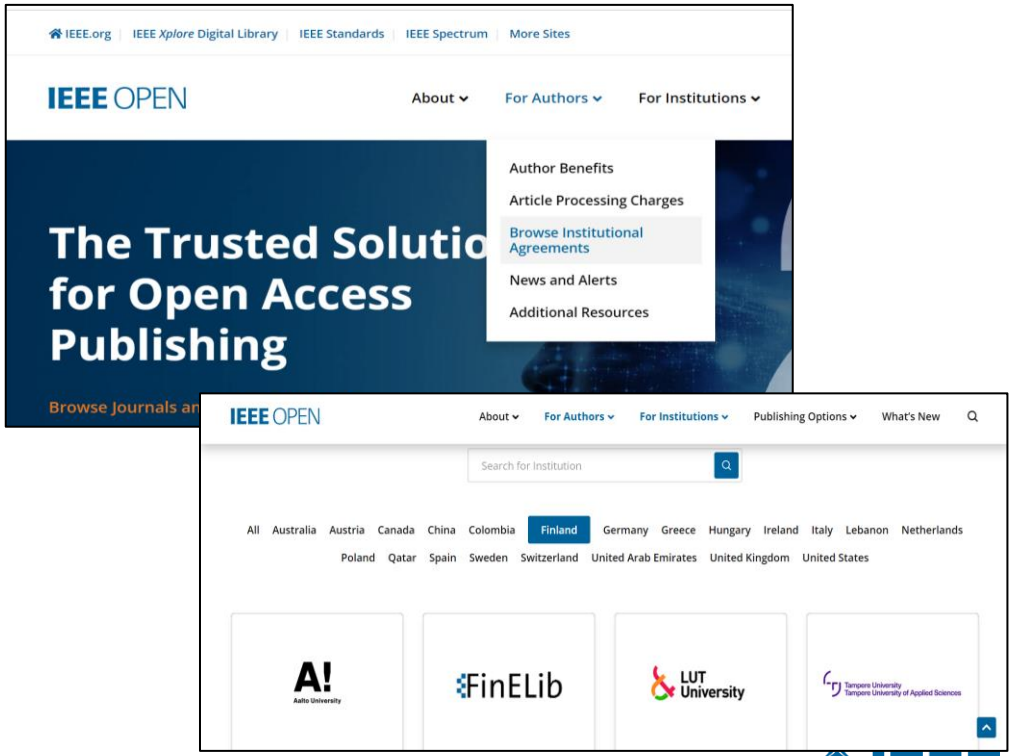

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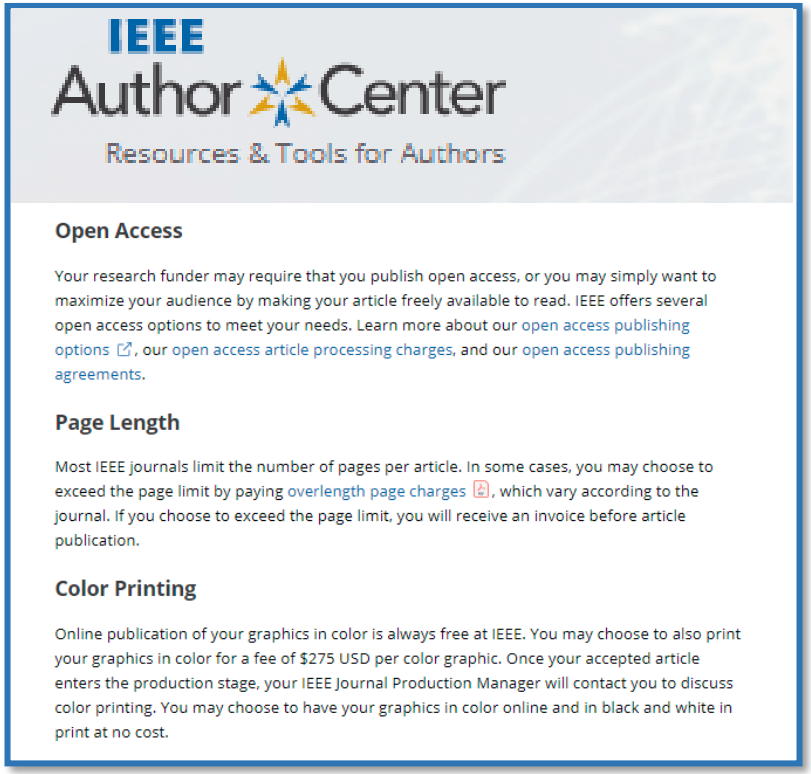

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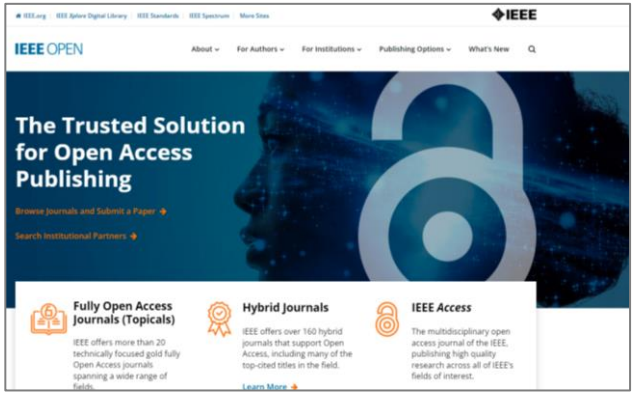

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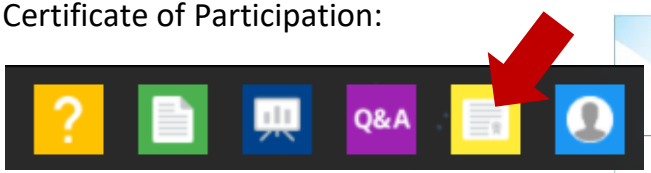

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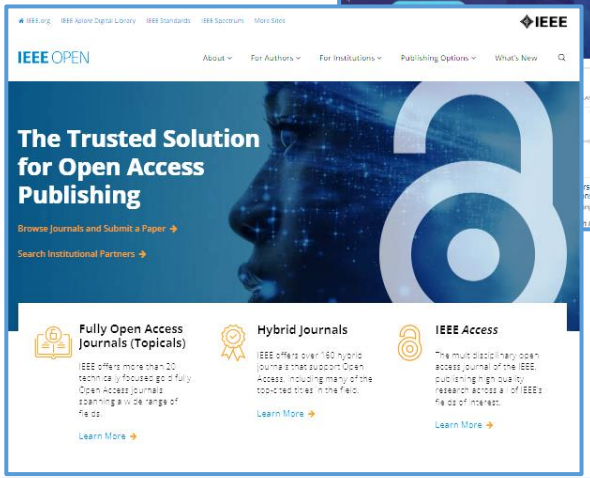

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