



# 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.

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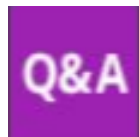
# A Few Quick Notes Before We Get Started

**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.



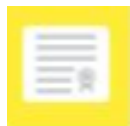
## ► Technical Support

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.

► **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.

## Resources List



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

# 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

# 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
- ▶ Germany
- ▶ Greece
- ▶ Hungary
- ▶ Iceland
- ▶ India
- ▶ Indonesia
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- ▶ 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
- IEEE *Xplore* by the numbers:
  - Over 5 million total documents
  - More than 15 million downloads per month
  - Over 5 million unique users



IEEE PowerTech Conference, Milan

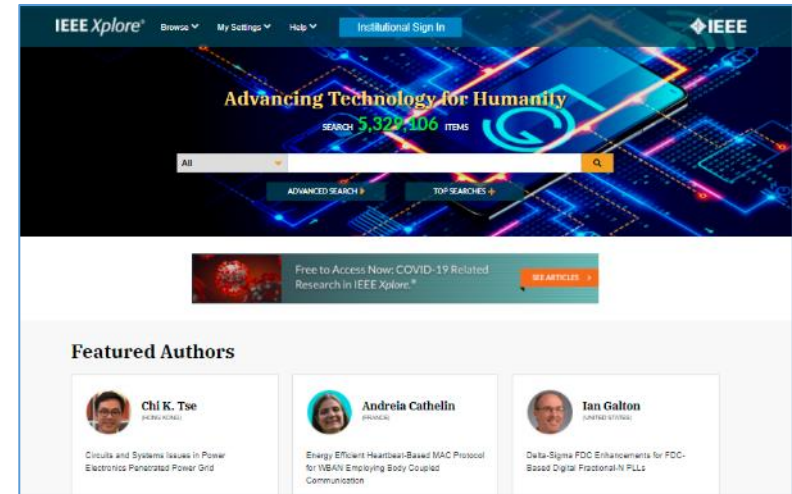


IEEE Student Branch in Egypt

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<https://ieeexplore.ieee.org/>





# 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**



# 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.





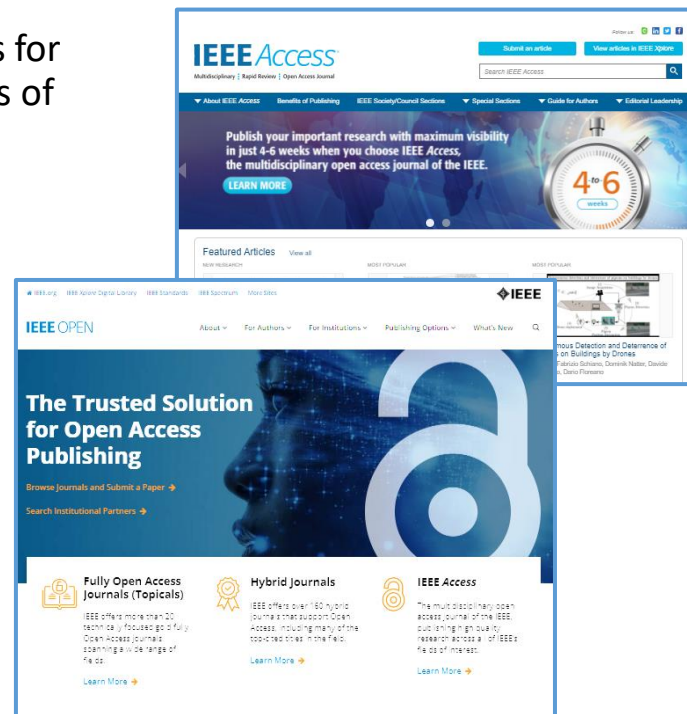
# IEEE's Evolving Open Access Program

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**



# 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 )	<input checked="" type="checkbox"/>
When Open Access publication fees are applied, they must be commensurate with the publication services delivered	<input checked="" type="checkbox"/>
The journal/platform must provide, on its website, a detailed description of its editorial policies and decision-making processes.	<input checked="" type="checkbox"/>
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)	<input checked="" type="checkbox"/>
Use of persistent identifiers (PIDs) for scholarly publications, such as DOI	<input checked="" type="checkbox"/>
Deposition of content with a long-term digital preservation or archiving program	<input checked="" type="checkbox"/>
High-quality article level metadata in standard interoperable non-proprietary format	<input checked="" type="checkbox"/>

# IEEE Open Access Read & Publish Programs for Institutions

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

## Benefits:

- Supports institutions and researchers in advancing open science
- Convenient for authors encouraging open access publishing and broader dissemination of institution's scholarly output
- One annual fee makes it easier for administrators to track all relevant activity and manage funds
- 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](https://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

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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



# 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.



## 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.



# Publishing Choices

How to select the right publication for your submission

## 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

The screenshot shows the IEEE Transactions on Fuzzy Systems journal page. At the top, there is a breadcrumb trail: "Browse Journals & Magazines > IEEE Transactions on Fuzzy Sys...". The journal title "IEEE Transactions on Fuzzy Systems" is prominently displayed in green. To the right of the title are three icons: a document with a plus sign labeled "Submit Manuscript", a document with a plus sign labeled "Add Title To My Alerts", and an RSS feed icon. Below the title is a navigation bar with tabs: "Home", "Popular", "Early Access", "Current Issue", "All Issues", and "About Journal". The "About Journal" tab is currently selected. Below the navigation bar, there are three green boxes displaying metrics: "8.759 Impact Factor", "0.01844 Eigenfactor", and "2.05 Article Influence Score". To the right of these boxes is a question mark icon. Below the metrics is a section titled "Aims & Scope" with an upward arrow icon. On the left side of the "Aims & Scope" section, there is a sidebar with the heading "Author Resources" and three links: "Submission Guidelines", "Submit Manuscript", and "Author Center". The main content area of the "Aims & Scope" section contains a paragraph of text describing the journal's focus on high-quality technical papers in the theory, design, and application of fuzzy systems, and mentions a letters section for current interest and comments.

Browse Journals & Magazines > IEEE Transactions on Fuzzy Sys...

**IEEE Transactions on Fuzzy Systems**

Submit Manuscript Add Title To My Alerts

Home Popular Early Access Current Issue All Issues **About Journal**

8.759 Impact Factor 0.01844 Eigenfactor 2.05 Article Influence Score

**Aims & Scope**

**Author Resources**

Submission Guidelines Submit Manuscript Author Center

The *IEEE Transactions on Fuzzy Systems* publishes high quality technical papers in the theory, design, and application of fuzzy systems. Readers are encouraged to submit papers which disclose significant technical knowledge, exploratory developments and applications of fuzzy systems. Emphasis is given to engineering systems and scientific applications. The Transactions also contains a letters section which includes information of current interest, and comments and rebuttals submitted in connection with published papers.

## 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

# IEEE Journal or IEEE Conference?

## IEEE Journals



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\*



A high percentage of articles submitted to any professional publication are rejected

## IEEE Conferences

IEEE Conference proceedings are recognized worldwide as the most vital collection of consolidated published articles in EE, computer science, and related fields

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](http://www.ieee.org/citations), [www.ieee.org/patentcitations](http://www.ieee.org/patentcitations)

## 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...



# Some reasons to consider publishing open access:



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



# 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.



# 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:

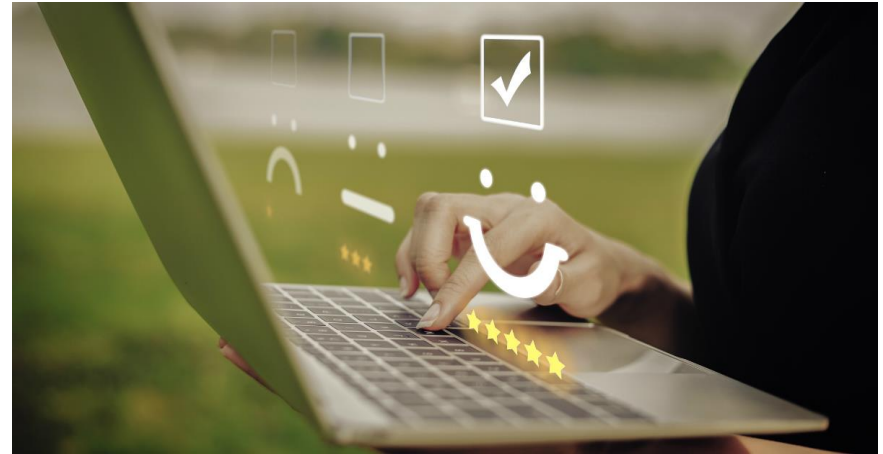
- Review the submission guidelines for your target publication to ensure your article meets all requirements.
- Agree on who will serve as the article's corresponding author if your article has multiple authors.
- Check that you have all necessary files.
- Get an [Open Researcher and Contributor ID \(ORCID\)](#) 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





# 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



# Technology Format (the typical IEEE format)

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

Technology

## COVID-19 Artificial Intelligence Diagnosis Using Only Cough Recordings


Jordi Laguarda, 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 (open-sigma.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, b to the extent of extinguishing the virus. In fact, across 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 b approaches unless region-wide confinement measures are attained. This is partly because of the limitations of current viro 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

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

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

## Paper Structure

# 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

Good  
Title

VS.

Bad  
Title

# 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

What you did

Why you did it

How the results were useful, important and move the field forward

**Hierarchical Control of Droop-Controlled AC and DC Microgrids—A General Approach Toward Standardization**

Publisher: **IEEE** [Cite This](#) [PDF](#)

Josep M. Guerrero ; Juan C. Vasquez ; José Matas ; Luis García de Vicuna ; Miguel Castilla [All Authors](#)

2637 Paper Citations 39160 Full Text Views

**Abstract:**  
AC and dc microgrids (MGs) are key elements for integrating renewable and distributed energy resources as well as distributed energy-storage systems. In the last several years, efforts toward the standardization of these MGs have been made. In this sense, this paper presents the hierarchical control derived from ISA-95 and electrical dispatching standards to endow smartness and flexibility to MGs. The hierarchical control proposed consists of three levels: 1) The primary control is based on the droop method, including an output-impedance virtual loop; 2) the secondary control allows the restoration of the deviations produced by the primary control; and 3) the tertiary control manages the power flow between the MG and the external electrical distribution system. Results from a hierarchical-controlled MG are provided to show the feasibility of the proposed approach.

**Published in:** [IEEE Transactions on Industrial Electronics](#) ( Volume: 58 , Issue: 1, Jan. 2011)

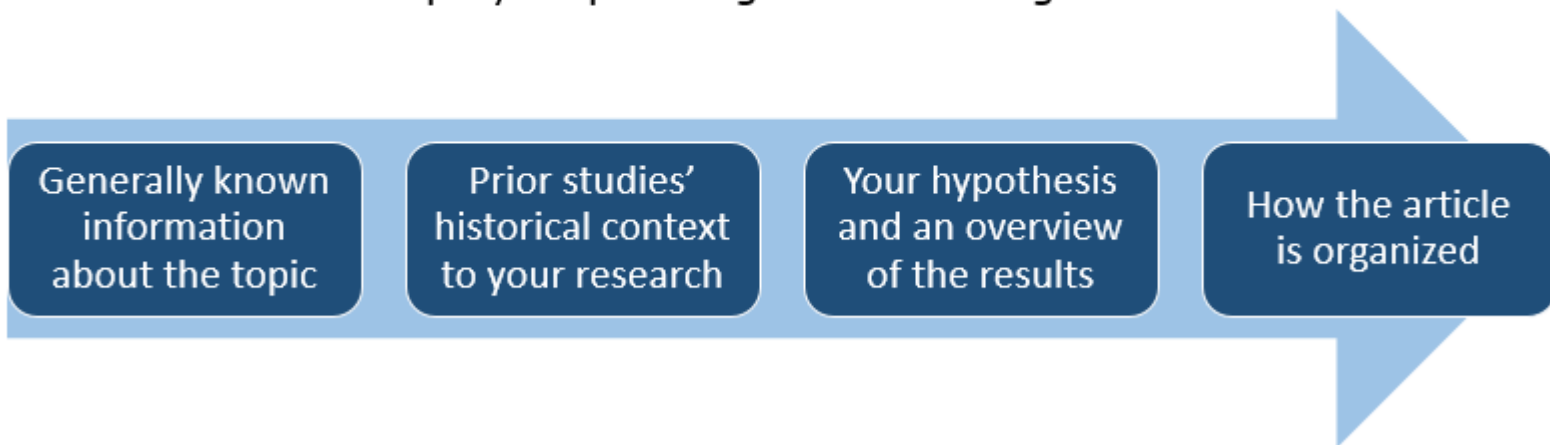
**Page(s):** 158 - 172 **INSPEC Accession Number:** 11692753

**Date of Publication:** 12 August 2010 **DOI:** 10.1109/TIE.2010.2066534

## Paper Structure

# Introduction

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





## 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

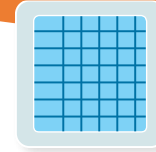
Demonstrate that you solved the problem or made significant advances

### 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



# 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>

## 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...



**Dr. Josep M. Guerrero**

Director, Center for Research on Microgrids  
Aalborg University, Denmark



AALBORG UNIVERSITY

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.

# 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

# 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.

## 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.



AALBORG UNIVERSITY



# 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*!

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☐ **Hierarchical Control of Droop-Controlled AC and DC Microgrids—A General Approach Toward Standardization**  
Josep M. Guerrero; Juan C. Vasquez; José Matas; Luis García de Vicuña; Miguel Castilla  
IEEE Transactions on Industrial Electronics  
Year: 2011 | Volume: 58, Issue: 1 | Journal Article | Publisher: IEEE  
**Cited by: Papers (3184) | Patents (1)**  
▶ Abstract HTML PDF

☐ **Advanced Control Architectures for Intelligent Microgrids—Part I: Decentralized and Hierarchical Control**  
Josep M. Guerrero; Mukul Chandorkar; Tzung-Lin Lee; Poh Chiang Loh  
IEEE Transactions on Industrial Electronics  
Year: 2013 | Volume: 60, Issue: 4 | Journal Article | Publisher: IEEE  
**Cited by: Papers (1346) | Patents (1)**

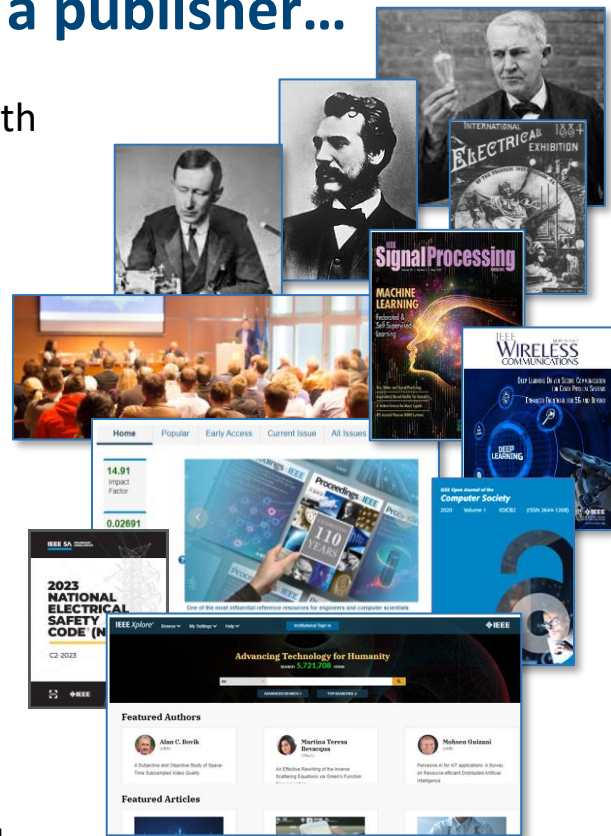
# Step 1 – Select the Right Publication for Your Research

- **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?



## With that criteria in mind, compare IEEE as a publisher...

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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
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- **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

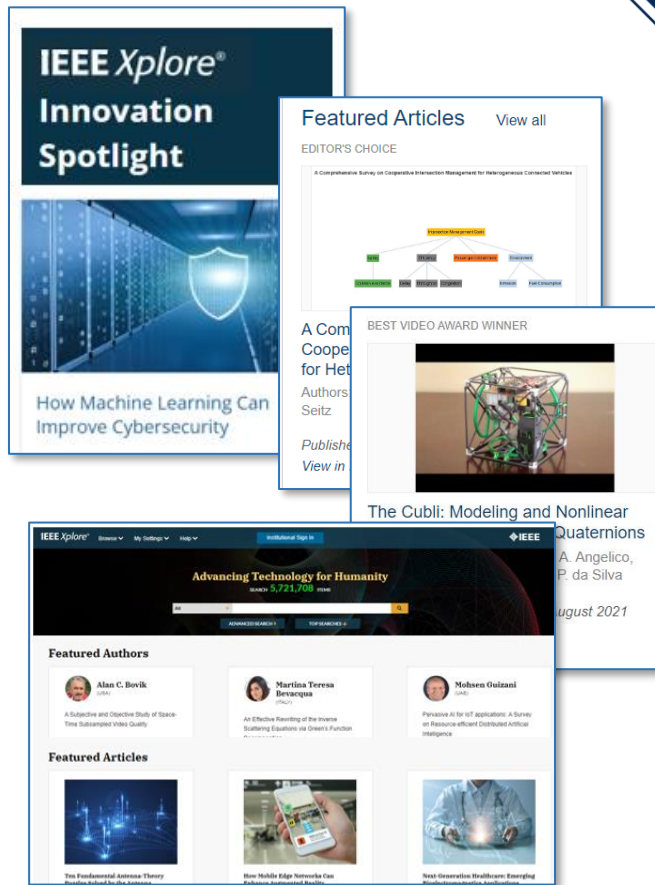




# Once You Are Published...

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)



# 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!

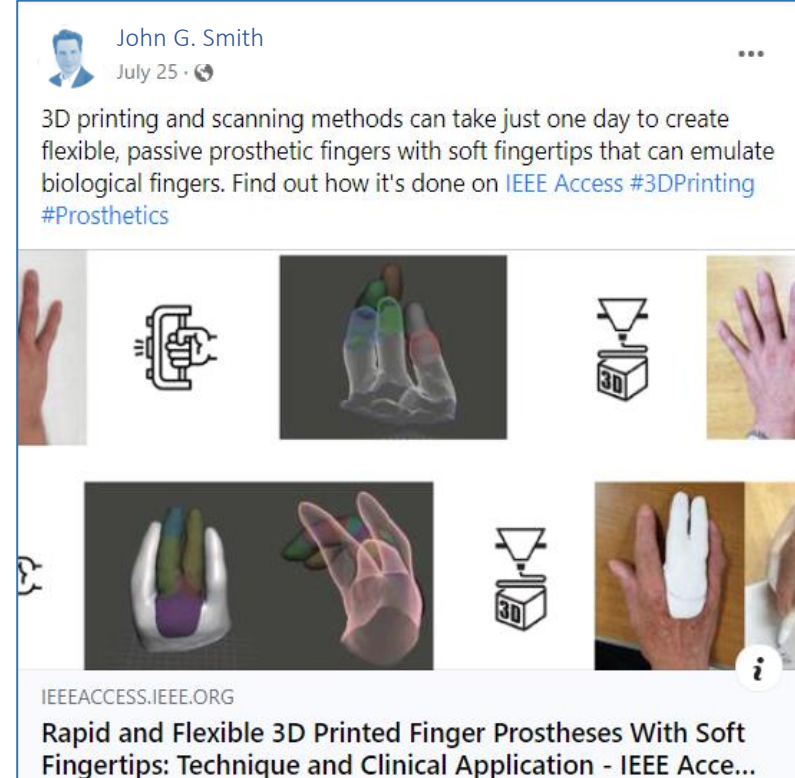
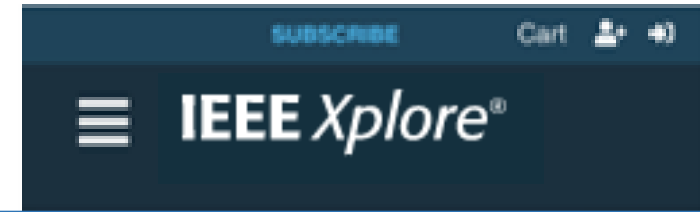
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- Update your institutional/departmental homepage and research group website with a link to your paper
- Contact your institution’s press office and ask for advice and help
- Produce a video or graphical abstract giving an accessible introduction to your article, and share it on social media to increase views

The screenshot shows a LinkedIn post from Josep M. Guerrero, a Professor in Microgrids at Villum Investigator. The post title is "SPACE MICROGRIDS: SATELLITES ENERGY, LUNAR BASES AND CLOSED (BIO)ECOSYSTEMS - A REVIEW OF OUR LAST PUBLICATIONS". The post includes a video thumbnail showing a satellite in space with the text "SPACE MICROGRIDS". Below the video, the text reads "Space Microgrids: Satellites, Lunar Bases and Closed (Bio)Ecosystems" and "Josep M. Guerrero on LinkedIn • 2 min read". To the right of the video, there is a list of authors: Theodore S. Rappaport, Shu Sun, Rimma Mayzus, Hang Zhao, Yaniv Azar, Kevin Wang, George N. Wong, Jocelyn K. Schulz, Matthew Sanimi, Felix Gutierrez, and IEEE Access. Below the list, it says "Year: 2013 | Volume: 1". To the left of the video, there is a logo for "CROM CENTER FOR RESEARCH ON MICROGRIDS". At the bottom of the post, there is a table with statistics:

4830 Paper Citations	76 Patent Citations	307012 Full Text Views
----------------------------	---------------------------	------------------------------

## 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



**Josep M. Guerrero** • 1st  
Professor in Microgrids, Villum Investigator  
4mo •

I am very happy to share our last piece of work in Electronics Magazine.



**Dr. Pallavee Bhatnagar** • 2nd  
4mo •

To say that LEDs have changed the way we accept understanding. LEDs have revolutionized lighting.

Demystifying the Design Behind the LED Light LED



**Josep M. Guerrero** • 1st  
Professor in Microgrids, Villum Investigator  
4mo •

An exciting new research on Microgrids in Ecuador "Energy Repowering Using Photovoltaic Microgrids of Manabí in Ecuador"

M. Rodríguez-Gómez, A. Vázquez, J. M. Guerrero, C. G. F. Villacreses

**Abstract** - Currently, in Ecuador, the provinces of Manabí, generation consists of fossil fuel, which is expensive, inefficient, and without potential. Hence, the objective of the work is a photovoltaic microgrid through the case study methodology was applied to generalize experiences in and climatic conditions. Field research was applied descriptive-defective method, using a Geographic Information Manager. The PVSyst 6.6.6 tool was used and the HOMER software was used for the economic relevance of introducing the photovoltaic microgrid increase the quality of service and the system's efficiency preservation of natural resources, and reduce CO<sub>2</sub>. *Prize Worthy Prize S.C. - All rights reserved.*

**Keywords:** Distributed Generation, Energy Efficiency, Environmental Impacts, Relocation of Energy



**Josep M. Guerrero** • 1st  
Professor in Microgrids, Villum Investigator  
4mo •

I am happy to share with all of you our last paper named:

"An Optimization Strategy of Price and Conversion Factor Considering ...see more



An Optimization Strategy of Price and Conversion Factor Considering the Coupling of Electricity and Gas Based ...  
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**Josep M. Guerrero** • 1st  
Professor in Microgrids, Villum Investigator  
4mo •

Happy to deliver yesterday my talk at the [Universidad del Valle](#) about Neuroscience inspiration about Electrical and Biological Space Microgrids - here sharing the hierarchical control of microgrids from the Moon



**Microgrid Control**

**Hierarchical Control Principle**

- Primary Control: Modulating power factor to keep control (PFC) sharing.
- Secondary Control:
  - UP Regulation (Active): Set-points regulation from MGCC to the BUs.
  - Synchronization (passive to grid connected mode).
- Tertiary Control: Power injection/absorption from the grid.



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Professor in Microgrids, Villum Investigator  
4mo •

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**Microgrid Control**

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**Participants (72)**

- 10 Eduardo Gómez Luna (M)
- 11 FOLLEY CASTRO (A)
- 12 Josep Guerrero, AAU
- 13 A-SH CHAN DESSAOUACH
- 14 Juliana Lora
- 15 ALEXANDRA MONTEIRO GALL
- 16 Alejandro
- 17 Alejandro Alvarado C
- 18 Andrés Crespo
- 19 ANDRÉS FELIPE FIGUEROA CA
- 20 Andrés Fernando Santiago R
- 21 Andrés Guzmán



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- 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
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- Various metrics available from publisher sites such as IEEE *Xplore*, academic networks, social media and Web of Science

**4830**  
Paper  
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**76**  
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- 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

The image is a collage of screenshots from a LinkedIn profile and posts by Josep M. Guerrero. The top screenshot shows the profile header with the name 'Josep M. Guerrero', title 'Professor in Microgrids, Villum Investigator', and location 'North Jutland, Denmark'. Below the header is a post titled 'Shipboard & Seaport Microgrids - A recent publications list' published on May 15, 2022, featuring a ship on the water. Below this is another post where Josep M. Guerrero shares a photo of an award plaque: 'IEEE PES Douglas M. Staszeky Distribution Automation Award Presented to Josep M. Guerrero'. To the right, a third post shows Josep M. Guerrero announcing the 'IEEE Conference ICMECE 2022, II, Interdisciplinary Conference on Mechanics, Computers and Electrics on 6-7 October 2022 in Barcelona'. The bottom right corner shows a 'Following' button and a comment section with '2 comments'.

# 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!**

*Good luck  
to you*  
~

# IEEE *Xplore*: Research Strategies and Tools for Authors



**Marcia Ferreira**

IEEE Client Services Manager

[training@ieee.org](mailto: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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## Benefits of a Personal Account

Anyone can sign up for a free IEEE Account on IEEE Xplore. A personal account allows you to:

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- “My Research Projects” to save key documents
- Alerts to follow the work of favorite authors
- Bookmark your favorite journals



# Setting Up a Free Personal Account

The screenshot shows the IEEE Xplore website homepage. The top navigation bar includes links for IEEE.org, IEEE Xplore, IEEE SA, IEEE Spectrum, and More Sites. On the right, there are links for SUBSCRIBE, Cart, Create Account, and Personal Sign In. The main header features the IEEE Xplore logo, navigation links for Browse, My Settings, and Help, and an Institutional Sign In button. The central banner displays the tagline "Advancing Technology for Humanity" and a search bar showing 5,724,654 items. Below the search bar are buttons for Advanced Search and Top Searches. An orange callout box on the right side of the page lists the following actions: Set search preferences, Search history, Get email of saved search results, and Get email of updated TOC.

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Showing 1-25 of **1,648** for **"Simultaneous Wireless Information and Power Transfer" OR SWIPT** ✕

☐ Journals (797) ☐ Conferences (779) ☐ Early Access Articles (31) ☐ Magazines (27) ☐ Books (14)

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Single Year


Range



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☐ **Modeling and Simulation of Receiving System for Simultaneous Wireless Information and Power Transfer**   
Xutao Hou; Dong Yan; Chunfeng Wang; Man Feng; Jiapeng Wu  
2017 IEEE International Conference on Energy Internet (ICEI)  
Year: 2017 | Conference Paper | Publisher: IEEE

[▶ Abstract](#) [HTML](#)  

☐ **Simultaneous wireless information and power transfer with pulse energy modulation based on Tomlinson-Harashima precoding**   
Yongue Han; Chungyong Lee



# 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

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From

To







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

# Filter Keyword Searches by Authors

## Author

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- ☒ Derrick Wing Kwan Ng (43)
- ☒ Robert Schober (39)
- ☒ Zhiguo Ding (35)
- ☐ Ioannis Krikidis (33)
- ☐ Kai-Kit Wong (33)
- ☐ Zheng Chu (32)
- ☐ Rui Zhang (31)
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- ☐ Dong In Kim (28)
- ☐ Zhengyu Zhu (27)
- ☐ Inkyu Lee (26)
- ☐ Zhangdui Zhong (25)
- ☐ Pingyi Fan (22)
- ☐ Symeon Chatzinotas (19)

- ☐ **Simultaneous wireless information and power transfer** in OFDM systems based on subcarrier allocation  
Jiaying Wu; Weidang Lu; Hong Peng; Xin Liu; Jingyu Hua  
2018 International Wireless Communications and Mobile Computing Conference (IWCMC)  
Year: 2018 | 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)  
Year: 2021 | Conference Paper | Publisher: IEEE  
[Abstract](#) [HTML](#)  
- ☐ **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



# Once You Know the Key Authors, dive into their profiles



Follow This Author

## 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

825

### Citations

27,783

### Publications by Year



### Co-Authors:

Katharina Ackermann  
Monika Agrawal  
Arman Ahmadzadeh  
Imtiaz Ahmed  
Doaa Ahmed

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# Browse Publication by Topic and Search Within Publication

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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



# More Complex Searches: Structured Advanced Search

## Advanced Search

Advanced Search

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Enter keywords and select fields.

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# Command Search: Fewer and more targeted search results

Advanced Search

**Command Search**

Citation Search

Enter keywords, phrases, or a Boolean expression

Use the drop down lists to choose Data Fields and Operators. [Learn how to use Boolean expressions in Command Search.](#)

Data Fields

Operators

AND  
OR  
NOT  
NEAR  
ONEAR

Operators need to be in all caps - i.e. AND/OR

Data field names need to be included before each search term.

Search Expression Examples ?

- 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

("Abstract": "reconfigurable intelligent surface" OR "Abstract": RIS) NEAR/5 performance

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







# Set Search and Citation Alerts

## Space Shift Keying With Reconfigurable Intelligent Surfaces: Phase Configuration Designs and Performance Analysis

Publisher: IEEE

Cite This

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Qiang Li  ; Miaowen Wen  ; Shuai Wang  ; George C. Alexandropoulos  ; Yik-Chung Wu  [All Authors](#)

8

Paper

Citations

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2020

2022

Abstract

HTML



# Search History

## Search History

Search History Recording

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Off

Search History provides an authoritative record of your queries. You can:

- Run, modify, and combine previous searches
- Review refinements and other details of a previous search
- Store up to 100 searches

Select multiple searches to combine them together.

Search

84

AND

88

NOT

59

Keywords: 13 Wildcards: 1

- ☐ 92 ("Full Text & Metadata":image Processing)
- ☐ 91 ("smart fabric" OR "intelligent fabric" OR "smart cloth" OR "intelligent cloth" OR "smart textile" OR "intelligent textile" NEAR/5 "patient monitoring")
- ☐ 90 "Index Terms":antenna arrays
- ☐ 89 5g, "Publication Number":9907
- ☒ 88 ("Author Affiliations":STMicroelectronics) AND ("All Metadata":power modulator)
- ☐ 87 ("Document Title":Wind turbine OR "Document Title":wind farms) AND ("Abstract":off shore) AND ("All Metadata":HVDC)

- 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
- 50 Keyword limit for combined searches
- 8 Wildcard limit for combined searches

## Conferences &gt; 2016 IEEE Conference on Compu... ?

**Publisher: IEEE**

### Cite This

 PDF[Kaiming He](#) ; [Xiangyu Zhang](#) ; [Shaoqing Ren](#) ; [Jian Sun](#) [All Authors](#)

56693

### Paper Citation:

188

Patent  
Citation

111530

Full  
Text Views

## Abstract

## Document Sections

1. Introduction
2. Related Work
3. Deep Residual Learning
4. Experiments

## Authors

## Figures

## References

## Citations

## Keywords

## Metrics

### Abstract:

Deeper neural networks are more difficult to train. We present a res that are substantially deeper than those used previously. We explicit reference to the layer inputs, instead of learning unreferenced funct showing that these residual networks are easier to optimize, and ca ImageNet dataset we evaluate residual nets with a depth of up to 15 lower complexity. An ensemble of these residual nets achieves 3.57 place on the ILSVRC 2015 classification task. We also present anal representations is of central importance for many visual recognition we obtain a 28% relative improvement on the COCO object detecto submissions to ILSVRC & COCO 2015 competitions<sup>1</sup>, where we als ImageNet localization, COCO detection, and COCO segmentation.


Published in: 2016 IEEE Conference on Computer Vision and Pattern Recognition


**Date of Conference:** 27-30 June 2016

Date Added to IEEE Xplore: 12 December 2016

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# Gather References & Citations

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



# Download or Save Citations from Result List

The screenshot displays the IEEE Xplore search results page. At the top, there is a search bar and navigation links like 'Set Search Alerts' and 'Search History'. Below the search bar, it shows 'Showing 1-25 of 6,020 for ("Full Text & Metadata")'. On the left, there are filters for 'Conferences (4,401)', 'Books (22)', 'Journals', and 'Standard'. A 'Show' dropdown is set to 'All Results'. On the right, there is a 'Per Page' dropdown and an 'Export' button, which is highlighted with an orange arrow. Below the 'Export' button, a modal window is open, showing 'You have selected 25 citations for download.' and a 'Format' dropdown menu. The 'Format' menu is highlighted with an orange box and contains four options: 'Plain Text' (selected), 'BibTeX', 'RIS', and 'RefWorks'. At the bottom right, there is a banner for 'Need Full-Text'.

Search within results

Showing 1-25 of 6,020 for ("Full Text & Metadata")

☐ Conferences (4,401) ☐ Journals

☐ Books (22) ☐ Standard

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☒ Select All ☒ A Security Scoring Framework to Quantify Security in Cyber-Physical Systems

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- ☐ RefWorks

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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. Giazza, "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},

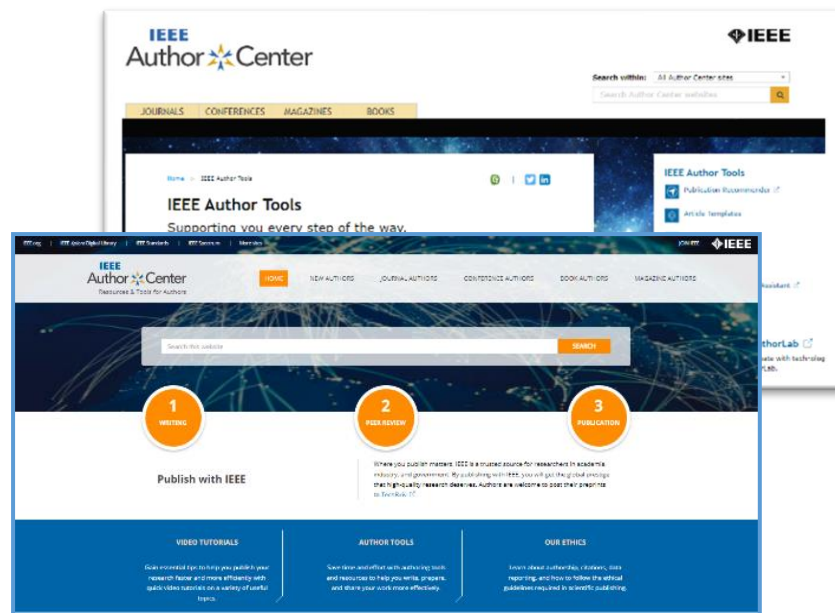
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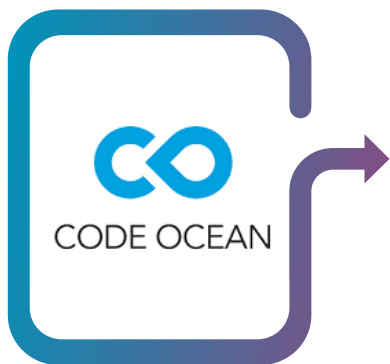
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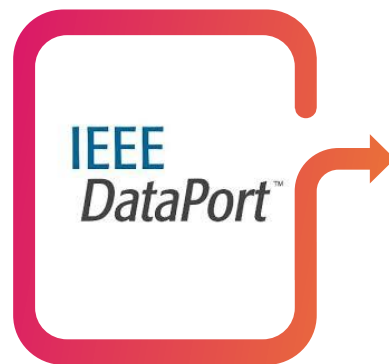
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# Publishing Trends and Author Resources



**Judy H Brady**

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

[j.brady@ieee.org](mailto:j.brady@ieee.org)

# Publishing Trends and Author Resources

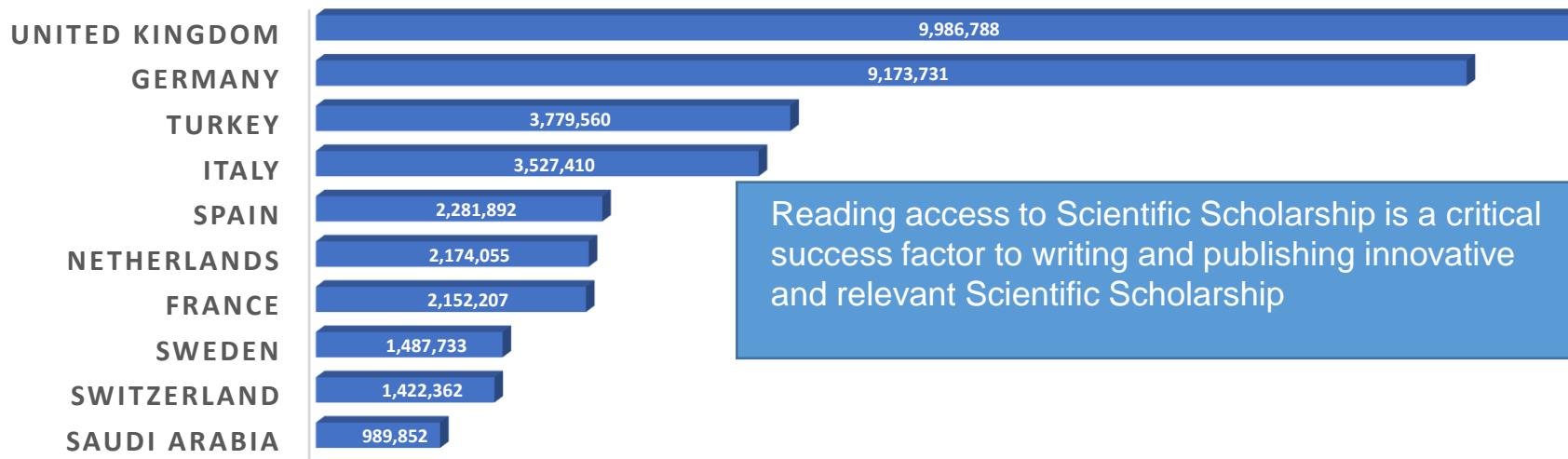
## Overview:

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



# IEEE Xplore Digital Library – Reading Supports Writing

## 2021 FULL TEXT USAGE BY REGION EUROPE AND MIDDLE EAST



Source: 2021 Adobe Data  
January 2022

# IEEE journals dominate in their fields of interest

## Journal Citation Reports® by Impact Factor

### 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: Hardware & Architecture**
- **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**

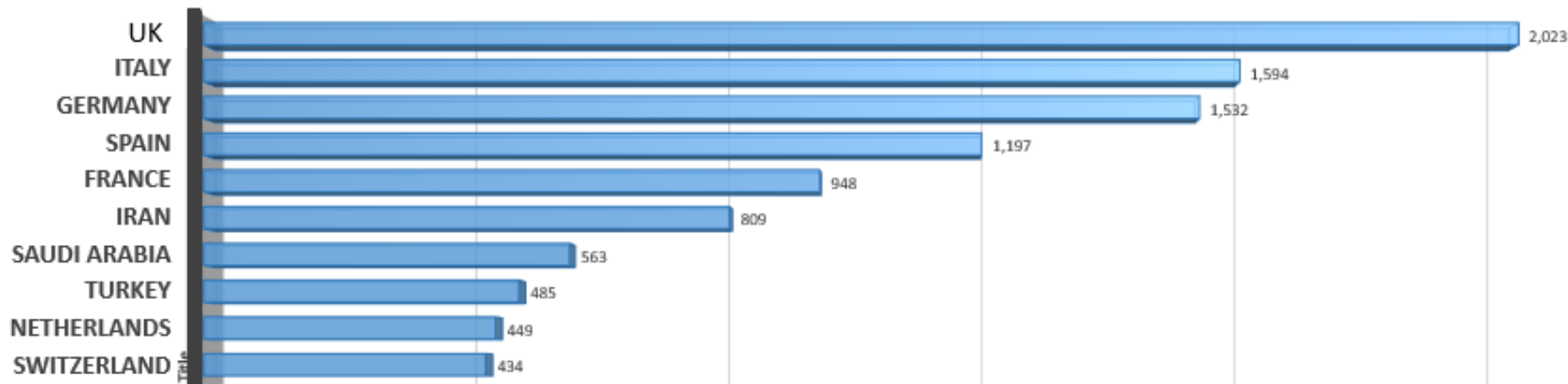
Source: Journal Citation Reports (Clarivate Analytics, 2022)

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# Europe & Middle East: 2021 IEEE Journal Publishing

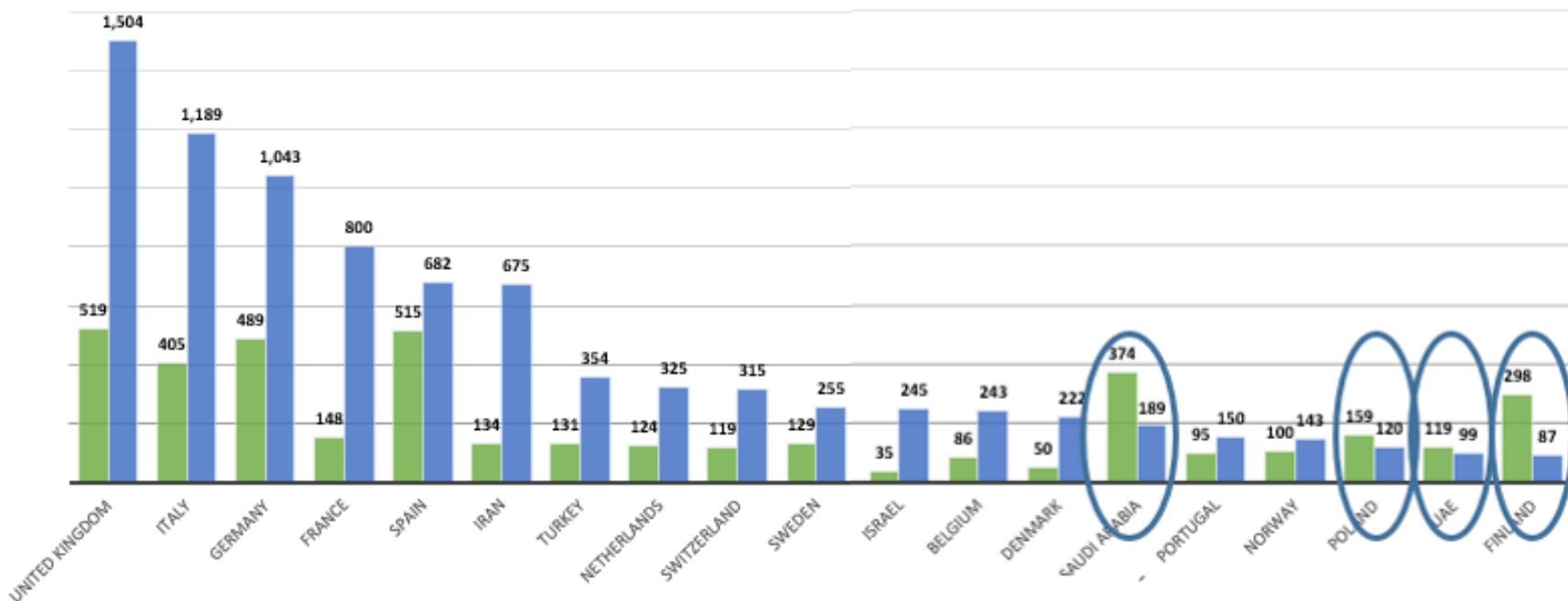
## ► Top Regions by IEEE Journal Article Output



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  
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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
2021	267,214	↑ 3.3%
2020	258,592	↑ 9.9%
2019	235,345	- 7.6%**
2018	254,778	↑ 3.3%
2017	246,635	↑ 7.3%

**Included in IEL**

\* 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

\*\* Conf. posting  
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2021	57,956	↑ 10.4%	22,324
2020	52,500	↑ 7.4%	17,733
2021	48,903	↑ 3.3%	9,822
2018	47,340	↑ 5.2%	4,884
2017	45,008	↑ 2.5%	2,515

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- 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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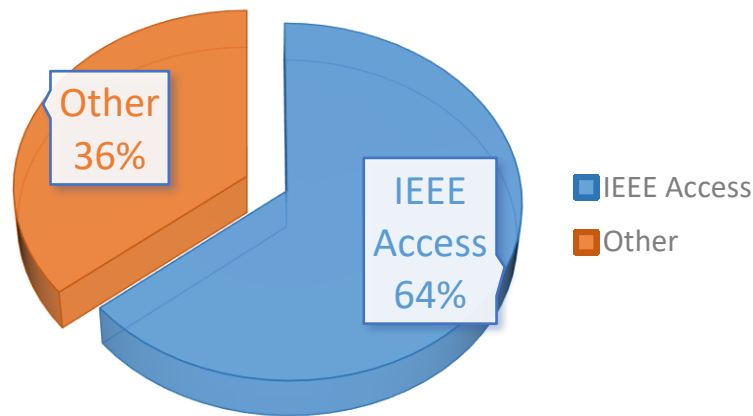
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► Corresponding author data, 2021 IEEE Journals



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- Impact factor: 3.476 based on the 2021 Journal Citation Reports (Clarivate Analytics, 2022)
- Eigenfactor: #1 in EE, Telecom, and Comp. Science, Information Systems
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Source: IEEE Publications Department  
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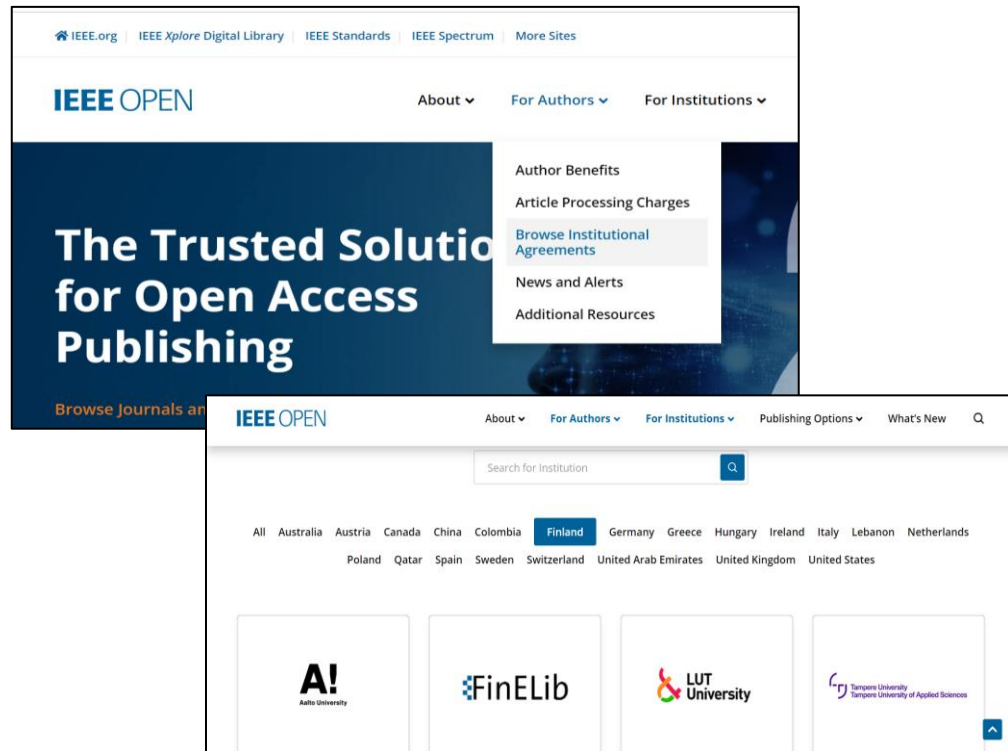
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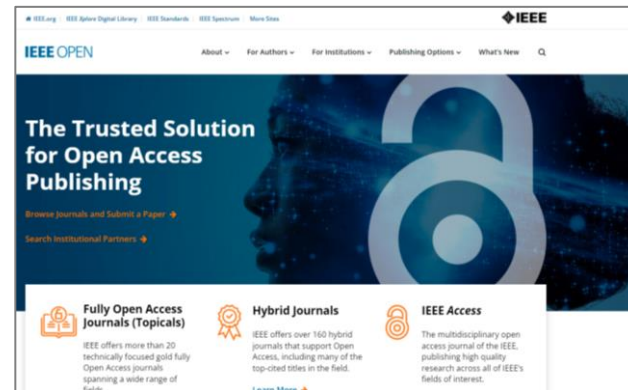
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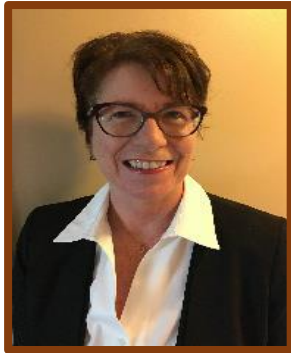
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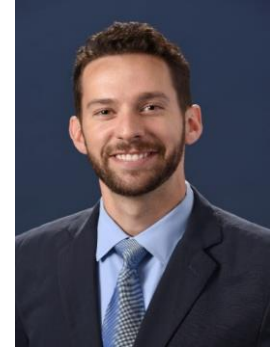
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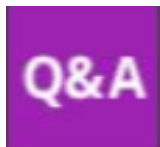


THANK YOU!

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Would you like someone from IEEE to contact you about institution-wide OA publishing agreement options for your organization?

# Q&A Session with our Presenters

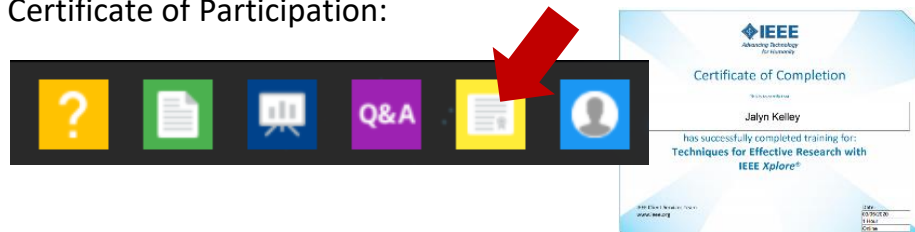


- Please type your questions into the Q&A window. Our presenters will answer as many questions as possible during our time together.

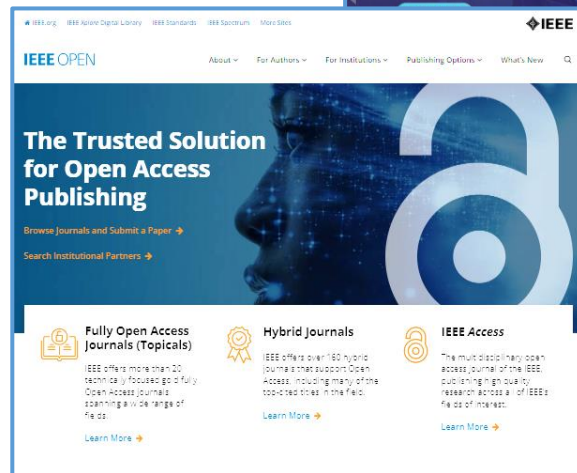
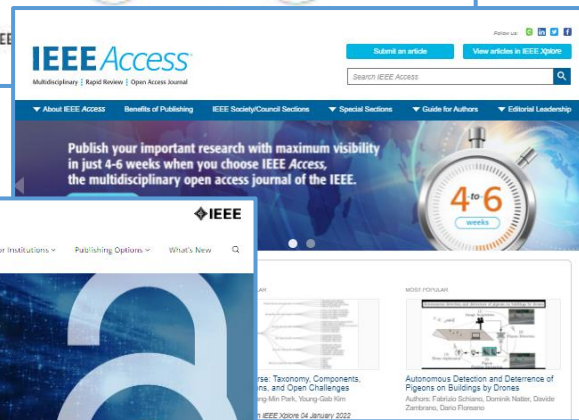


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