

IEEE 開放取用與 2023 投稿優惠詳解

何丹丹，IEEE大中華區客戶與資訊經理

杜欣穎 Cindy Tu，Hinton產品&行銷經理



主要內容

- 如何提高自己科研的可見度和影響力
- 在IEEE期刊發表開放取用文章的益處
- IEEE 2023 OA 投稿優惠詳解與實踐流程

關於 IEEE

- IEEE是全球最大的技術學會，會員遍佈世界160多個國家和地區，會員人數也已超過了40萬
- 作為一個非營利的組織，IEEE始終肩負“驅動技術創新，為人類謀福祉”這一使命
- 核心活動
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 - 標準開發
 - 科技出版（期刊、會議錄、標準、電子圖書以及線上課程等資源）



如何提高自己科研的可見度和影響力

問題提出

發表論文

研究實施與結果收集

完整科研流程應該包含哪些步驟？

研究設計

推廣研究

文獻調研

撰寫論文

在科研全流程提升研究可見度

- 清晰簡潔的標題，突出讀者可能的興趣點
- 精准、標準化的關鍵字
- 建立自己的學術檔案（IEEE Xplore作者頁面, ORCID等）
- 將論文提交給有影響力的學術機構發表
- 參加學術會議/研討會展示研究成果
- 多途徑推廣學術成果
- 以OA形式發表研究成果
- 分享研究相關代碼、資料等相關材料

IEEE Xplore 作者頁面



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Author

Winnie N. Ye  

Also published under: Winnie Ye, W. N. Ye, W. Ye

作者姓名消歧

Affiliation

Department of Electronics
1125 Colonel By Drive
Carleton University, Ottawa, Canada

Publication Topics

integrated optics, diffraction gratings, silicon, elemental semiconductors, optical waveguides, silicon-on-insulator, integrated optoelectronics, optical communication equipment, beam steering, demultiplexing, micro-optics, optical

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Biography

Winnie N. Ye (Senior Member, IEEE) received the B.Eng. degree in electrical engineering from Carleton University, Ottawa, ON, Canada, the M.A.Sc. degree in photonics from the University of Toronto, Toronto, ON, and the Ph.D. degree in photonics from Carleton University. She is currently a Full Professor with the

Publications

52

Citations?

338

Publications by Year



Co-Authors:

Sawsan Abdul-Majid
Alireza Aleali
C. Alonso-Ramos
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名稱

Winnie N. Ye

活動

受邀職位與傑出貢獻 (1)

Engineering Institute of Canada (EIC): Ottawa, CA-ON, CA

2020-01-01 至 當前 | Fellow EIC
受邀職位

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來源 : : Winnie N. Ye

成果 (50)

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Circular Optical Phased Array with Large Steering Range and High Resolution

Sensors

2022-08-16 | 雜誌文章

DOI: [10.3390/s22166135](https://doi.org/10.3390/s22166135)

投稿人: Daniel Benedikovič; Qiankun Liu; Alejandro Sánchez-Postigo; Ahmad Atieh; Tom Smy; Pavel Cheben; Winnie N. Ye

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來源 : : Crossref ★ 偏好源 (/ 2)

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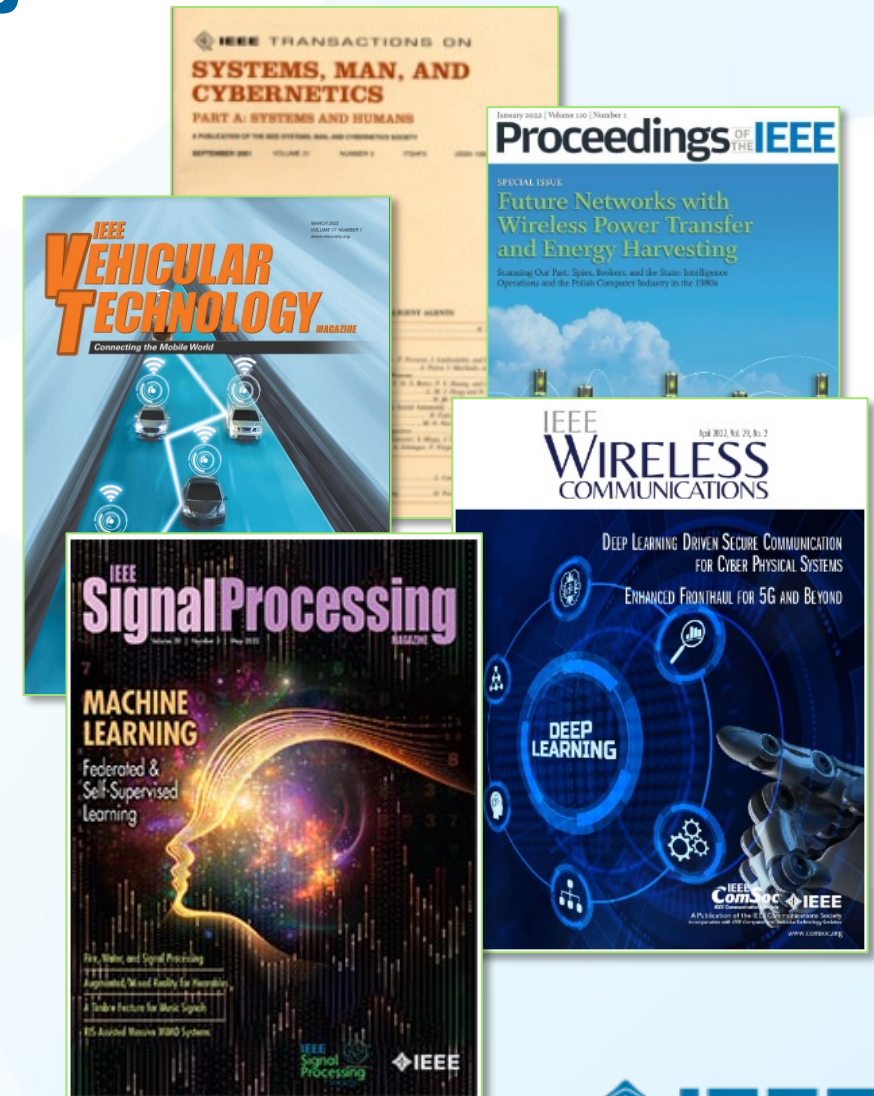
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Page(s): 973 - 984 **VS**

DOI: 10.1109/TCSI.2021.3131968

Date of Publication: 07 December 2021 ⓘ **Publisher:** IEEE

Published in: IEEE Transactions on Circuits and Systems I: Regular Papers (Early Access)

Page(s): 1 - 10

DOI: 10.1109/TCSI.2022.3156610

Date of Publication: 11 March 2022 ⓘ

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Taehun Kim; Youngjoo Shin

IEEE Access

Year: 2022 | Volume: 10 | Journal Article | Publisher: IEEE

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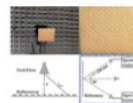
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Usman Sarwar; Muhammad Amin; Dragos Dancila; Imran Aziz

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Published in: IEEE Access (Volume: 9)

Page(s): 83740 - 83750

INSPEC Accession Number: 21012216

Date of Publication: 02 June 2021  DOI: 10.1109/ACCESS.2021.3085404

Electronic ISSN: 2169-3536

Publisher: IEEE

▶ Funding Agency:



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Publisher: IEEE Cite This PDF

Francisco Nunes ; Pedro Madureira ; Sílvia Rêgo ; Cristiana Braga ; Rúben Moutinho ; Tia... [All Authors](#)

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Abstract

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Document Sections

- I. Introduction
- II. Background
- III. The

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发件人: noreply<noreply@ieee.org> +

收件人: 我<dan.he@vip.163.com>

时间: 2022年03月14日 19:26 (星期一)

The following links from IEEE Xplore have been sent to you by Dandan He (dan.he@vip.163.com)

Article Title	A Mobile Tele-Ophthalmology System for Planned and Opportunistic Screening of Diabetic Retinopathy in Primary Care
Publication Title	IEEE Access
Posted Online Date	2 Jun 2021
Authors	Francisco Nunes; Pedro Madureira; Sílvia Rêgo; Cristiana Braga; Rúben Moutinho; Tiago Oliveira; Filipe Soares

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Will hearing aids ever be as effective as corrective eyewear? When? What breakthrough is needed?

Hearing aids have been around for a long time, yet there is still much dissatisfaction with their performance. A recent post asked "Will hearing aids ever be as effective as corrective eyewear?"

Trending in Communities

- Autonomous Driving Technologies**
We will launch IEEE Autonomous Driving Letters, stay tuned!
- Proceedings of the IEEE**
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Professor, Faculty of Engineering
ABC University
Bangkok, Thailand

IEEE THE COMPUTER SOCIETY

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Announcement Content Tips

Institutional Announcement: Journal Article Publication

Overview

To obtain additional visibility for newly-published research, we encourage our authors to work with their respective institution/employer's communications department on content that can be posted on their internal communications outlets (websites, social media), or through an external news release. This is greatly encouraged for articles published via Open Access, since the content can be downloaded by the general public at no cost.

Article Tips

One key element in communicating technical content is the ability to describe the discovery and its impact in non-technical terms, and how it will help advance technology for humanity and impact our daily lives.

Below is a top 10 list of items that should be included in an announcement. This content can then be promoted over social media by the university or institution.

- Author's name
- Author's job title
- University/company affiliation
- Title of published article
- Title of journal or magazine
- URL that leads to the article
- Brief summary of the article (non technical terms):
 - Purpose of the research
 - How it will impact humanity or our everyday lives

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News Release Template: IEEE Published Author [Headline]

[Organization name] Researchers Discuss Findings in [Area of technology researched (non-technical description) and why it is impactful] in Latest Issue of [IEEE Journal Name, or IEEE Access]

DATELINE, DATE -- Researchers at [organization name] have published their findings on [Area of technology researched (non-technical description) and why it matters] in the latest issue of [IEEE Journal Name, or IEEE Access]. IEEE is the world's largest technical professional organization advancing technology for humanity.

The article, [article title] written by [name author(s)] examines [provide a non-technical summary of the article, why it is important, how will this discovery affect humanity].

The authors used [provide a non-technical description of the research methods or experiment, if applicable].

[Quote from researcher(s)]

[Indicate if the article is available via open access, and provide link if applicable]

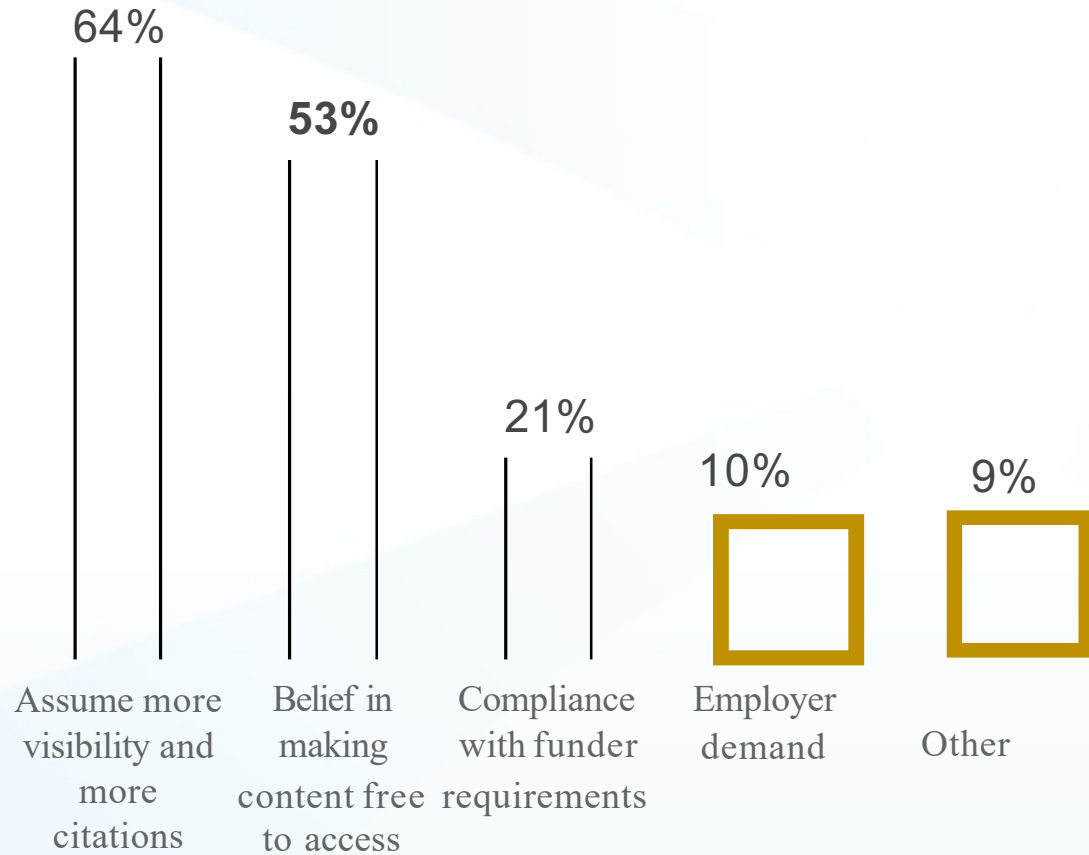
[Author's or authors' educational background, area of expertise, accolades, etc.]

[Organization's boilerplate]

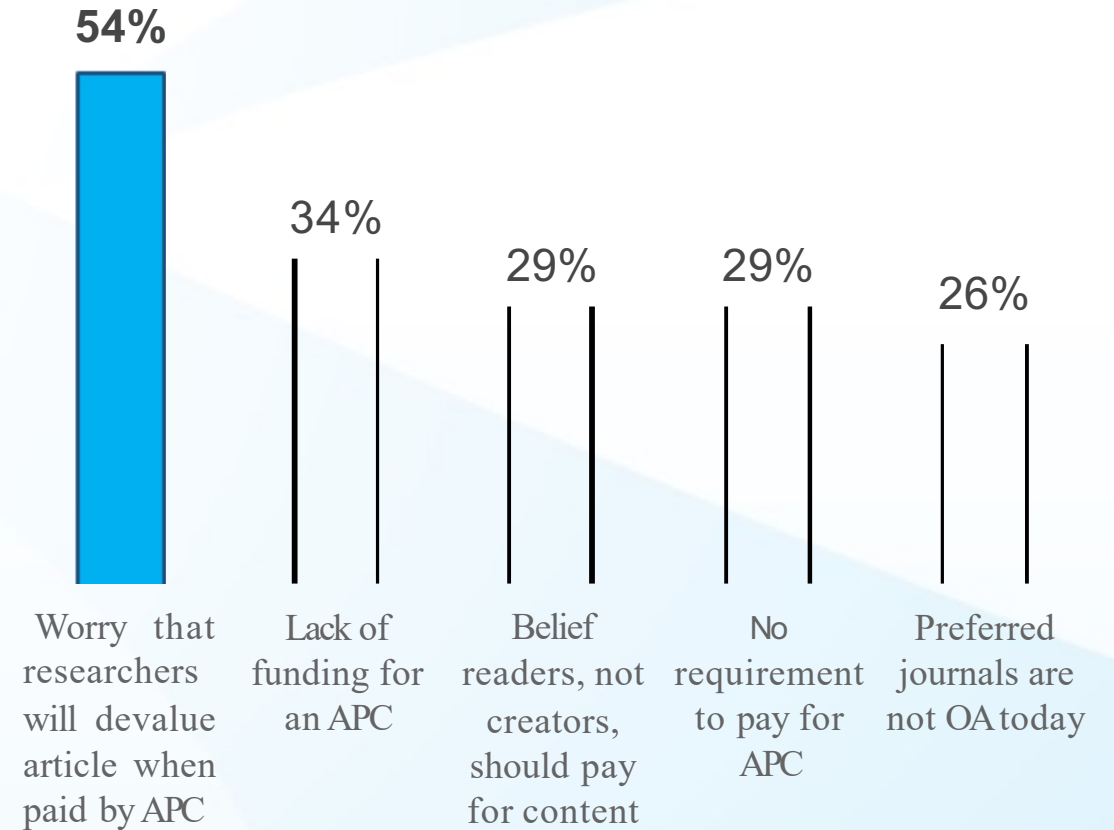
在IEEE期刊發表開放取用文章的益處

2021 IEEE作者調查

Those preferring fully OA journals



Those preferring traditional journals



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- ▶ 缺乏引用指標

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為什麼要關注OA?

在更廣泛讀者間傳播科研成果

有利於同行在自己研究的基礎上推進領域進步

符合資助機構對OA出版的要求

IEEE出版在訂閱期刊和開放取用期刊兩方面均不斷發展。IEEE持續提供更多選擇來支援全球作者的科研工作和出版需求。

在IEEE發表開放取用研究，可以為您帶來如下幫助：

- 在IEEE期刊出版，這些高品質期刊受到同行信賴，並在相關領域具有很高的被引用率
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- 快速決策，讓您的研究更快地曝光，許多期刊的審稿週期僅為幾周
- IEEE 與 Elsevier、EBSCO、OCLC、Clarivate、ProQuest、IET和NLM等文摘索引和發現服務供應商保持積極的合作夥伴關係，進一步增強作者研究的可發現性
- 與IEEE的其他開放科學解決方案集成，方便分享研究資料、代碼等其他研究材料
- 輕鬆遵循開放獲取要求

目前，IEEE出版26種完全OA期刊

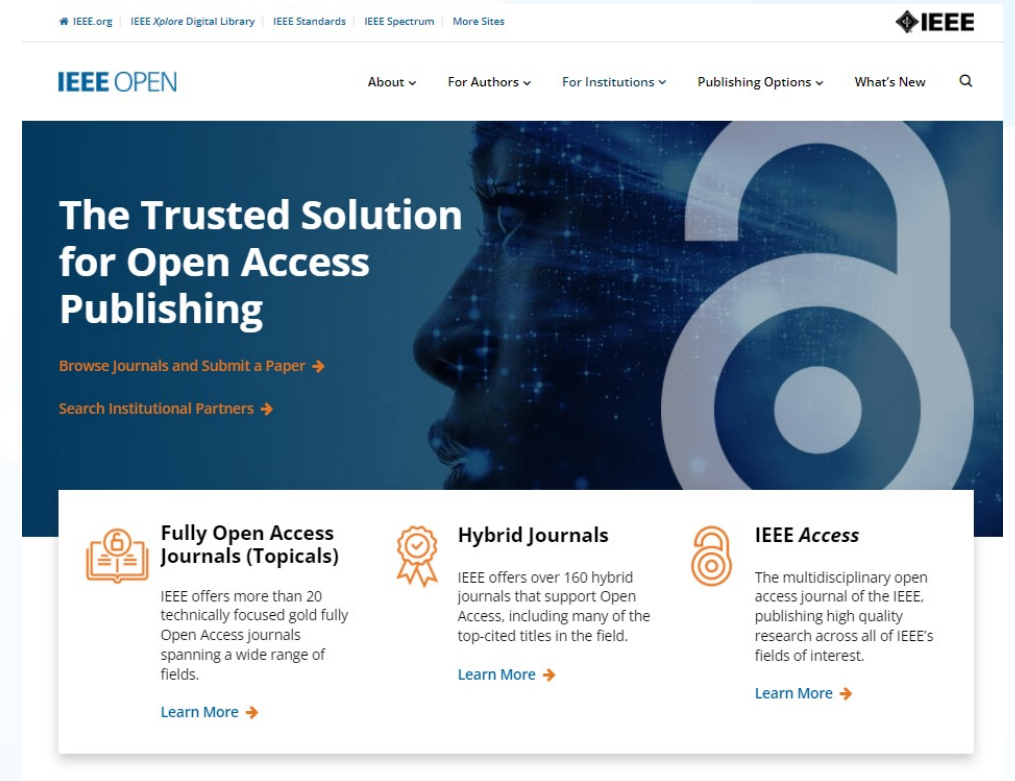
自2020，IEEE新推出18種OA期刊

- IEEE Access
- IEEE Journal of Electron Devices Society
- IEEE Journal of Exploratory Solid-State Computational Devices and Circuits
- *IEEE Journal of Microwaves – NEW!*
- IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
- IEEE Journal of Translational Engineering in Health and Medicine
- IEEE Open Access Journal of Power and Energy
- *IEEE Open Journal of Antennas and Propagation – NEW!*
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- *IEEE Open Journal of Vehicular Technology – NEW!*
- IEEE Photonics Journal
- IEEE Transactions on Neural Systems and Rehabilitation Engineering
- *IEEE Transactions on Quantum Engineering – NEW!*
- *IEEE Open Journal of Control Systems – NEW in 2022!*
- *IEEE Open Journal of Instrumentation and Measurement – NEW in 2022!*

IEEE作者OA選項

IEEE提供3種OA選擇以滿足作者不同需求

- 20多種完全開放取用專題期刊 (Fully open access topical journals)
- 160多種混合期刊 (Hybrid journals)
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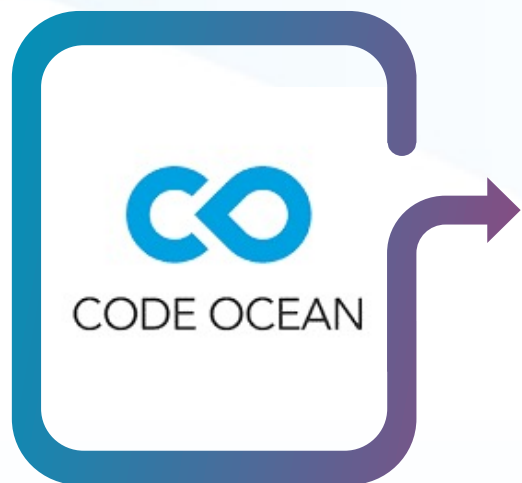


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IEEE 開放科學解決方案



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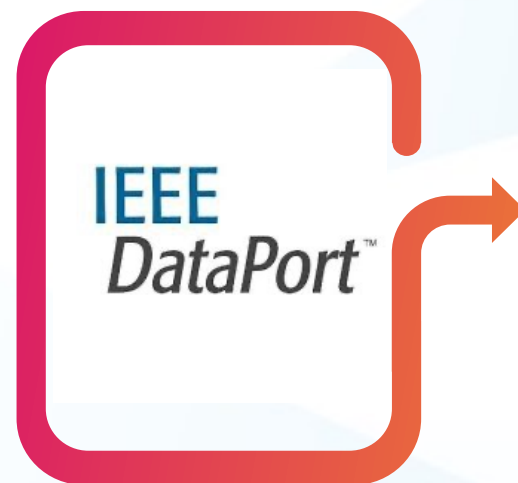
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Code Ocean

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- 用戶可以使用一系列配套工具：Jupyter, Code versioning, collaboration, flexible computing等
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- 發佈的代碼集帶有DOI，屬OA資源
- 代碼和演算法現在可以進行同行評審

文章細節頁面

Index Modulation Based Coordinate Interleaved Orthogonal Design for Secure Communications

Publisher: IEEE

Cite This

PDF



Burak Ozpoyraz ; Ibrahim Yildirim ; Ertugrul Basar All Authors

Abstract

Document Sections

I. Introduction

II. System Model

III. Performance Analysis

IV. Simulation Results

V. Conclusion

Abstract:

In this paper, we propose a physical layer security scheme that exploits a novel index modulation (IM) technique for coordinate interleaved orthogonal designs (CIOD). Utilizing the diversity gain of CIOD transmission, the proposed scheme, named CIOD-IM, provides an improved spectral efficiency by means of IM. In order to provide a satisfactory secrecy rate, we design a particular artificial noise matrix, which does not affect the performance of the legitimate receiver, while deteriorating the performance of the eavesdropper. We derive expressions of the ergodic secrecy rate and the theoretical bit error rate upper bound. In addition, we analyze the case of imperfect channel estimation by taking practical concerns into consideration. It is shown via computer simulations that the proposed scheme outperforms the existing IM-based schemes and might be a candidate for future secure communication systems.

Code & Datasets

Code Dataset

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Code: MATLAB Index Modulation Based Coordinate Interleaved Orthogonal Designs

```
Index Modulation Based Coordinate Interleaved Ort... (Burak Ozpoyraz, Ibra...)
1 clear all;
2 clc;
3
4 num_iterations = 1e4;
5 N = 4;
6 M = 4;
7 P_tot_des = 1;
8 alpha = 0.5;
9 sigma2 = 0;
10 SNRdB = 10;
11 mod_type = "PSK";
12 [BER_bob, BER_eve, error_bob, error_eve] = ...
13 CIOD_IM_BER(num_iterations, N, M, P_tot_des, alpha, sigma2,
14 SNRdB, mod_type);
15 fprintf("Bob's BER = %1.6f\n", BER_bob);
16 fprintf("Eve's BER = %1.6f\n", BER_eve);
17 fprintf("Number of Bob's Bit Errors = %d\n", error_bob);
18 fprintf("Number of Eve's Bit Errors = %d\n", error_eve);
```

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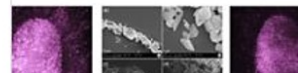
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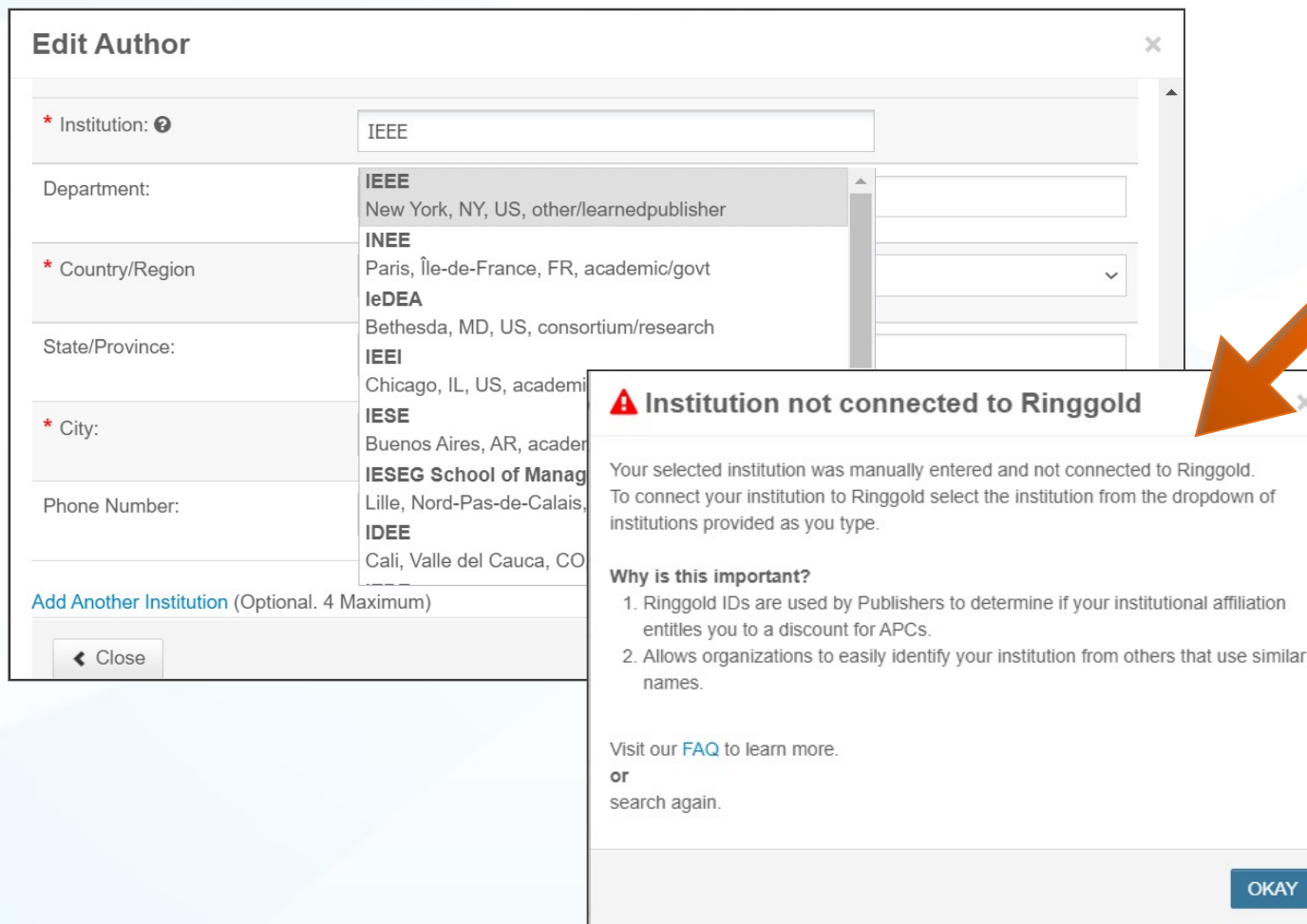
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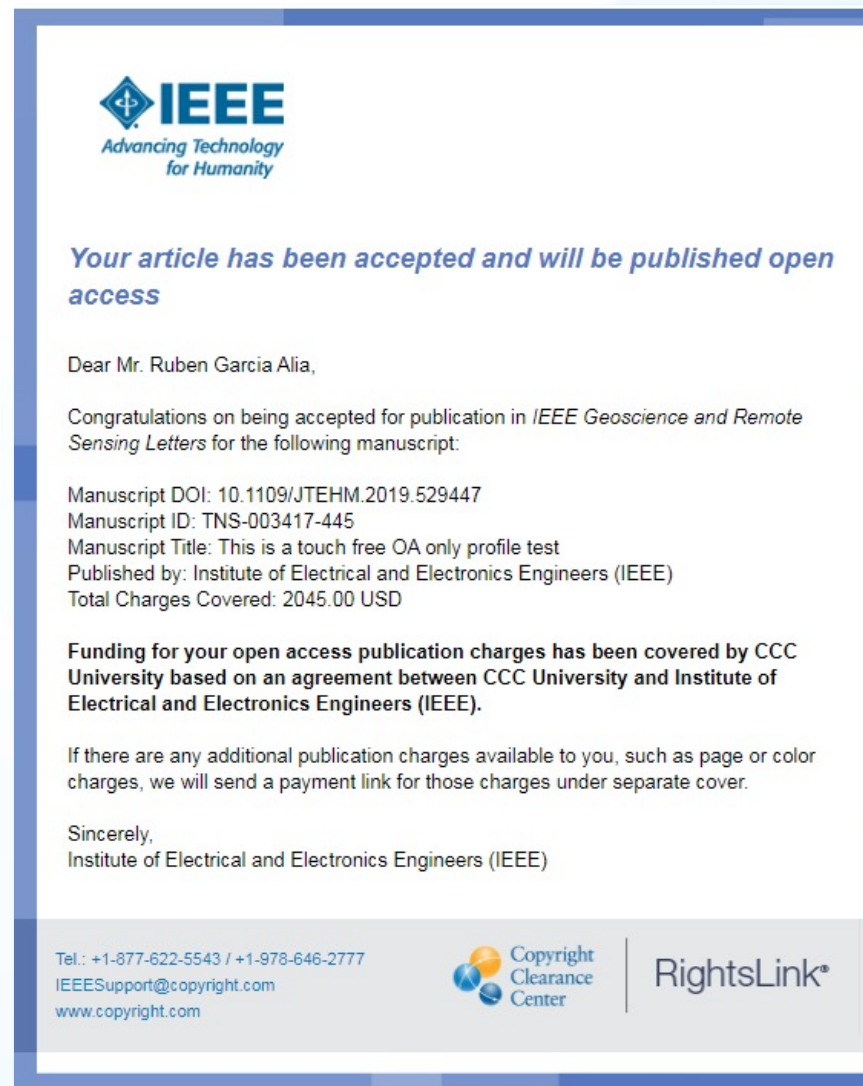
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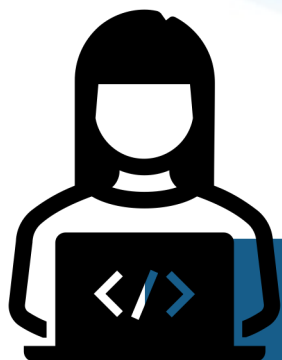


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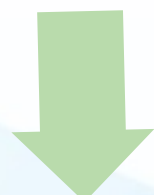
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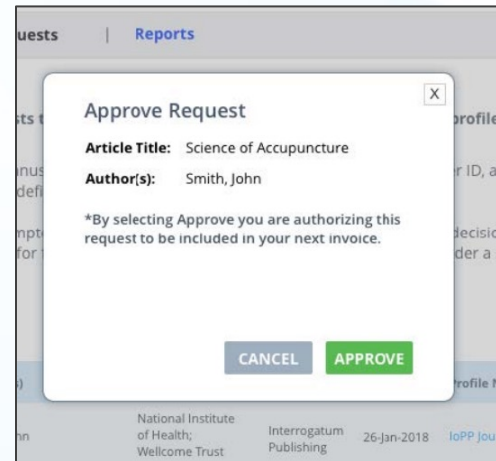
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電子發票開立通知信

親愛的 涵堂資訊有限公司，您好：

ezPay電子發票增值服務平台 使用ezPay電子發票平台，開立一張電子發票給您，電子發票資訊如下：

商店代號：	3	
商店自訂編號：	0	
發票號碼：	1	
隨機碼：	0	
發票金額：	\$	
開立日期：	2	4

欲查看此張發票明細資料，請您點此查看【[發票明細](#)】並自行列印電子發票，ezPay電子發票增值服務平台將不再另行寄送紙本發票。

您也可前往[ezPay電子發票增值中心/幫助中心/查詢專區](#)輸入欲查詢之發票資料，進行單筆發票查詢。

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歡迎與我們交流！

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