

## Retraction

**RETRACTED: Cao et al. Energy Efficiency Maximization for Hybrid-Powered 5G Networks with Energy Cooperation. *Electronics* 2022, 11, 1605**Yang Cao <sup>1</sup>, Ye Zhong <sup>2,\*</sup> , Xiaofeng Peng <sup>2</sup> and Song Pan <sup>2</sup><sup>1</sup> Periodical Agency of Chongqing University of Technology, Chongqing 400054, China; caoyang@cqut.edu.cn<sup>2</sup> School of Electrical and Electronic Engineering, Chongqing University of Technology, Chongqing 400054, China; pxf@cqut.edu.cn (X.P.); pansong@2020.cqut.edu.cn (S.P.)

\* Correspondence: zhongye@stu.cqut.edu.cn

The *Electronics* Editorial Office retracts the article, “Energy Efficiency Maximization for Hybrid Powered 5G Networks with Energy Cooperation” [1], cited above.

Following publication, the authors contacted the Editorial Office regarding concerns relating to a number of significant scientific errors present within this publication [1].

Adhering to our standard procedure, an investigation was conducted by the Editorial Office and Editorial Board that confirmed the presence of significant errors within the 5G channel model and within the formula (Formula (2)) related to the establishment of the system mode, as well as a lack of certain parameters relevant for verifying the overall validity of the findings presented. As a result, the Editorial Board has lost confidence in the reliability of the conclusions and decided to retract this article [1] as per MDPI’s retraction policy (accessed on 4 July 2024).

This retraction was approved by the Editor-in-Chief of the journal *Electronics*.

The authors have agreed to this retraction.

**Reference**

1. Cao, Y.; Peng, X.; Pan, S. RETRACTED: Energy Efficiency Maximization for Hybrid-Powered 5G Networks with Energy Cooperation. *Electronics* **2022**, *11*, 1605. [[CrossRef](#)]

**Disclaimer/Publisher’s Note:** The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.



**Citation:** Cao, Y.; Zhong, Y.; Peng, X.; Pan, S. RETRACTED: Cao et al.

Energy Efficiency Maximization for Hybrid-Powered 5G Networks with Energy Cooperation. *Electronics* **2022**, *11*, 1605. *Electronics* **2024**, *13*, 2711.

<https://doi.org/10.3390/electronics13142711>

Received: 14 June 2024

Accepted: 1 July 2024

Published: 11 July 2024



**Copyright:** © 2024 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).