



OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE
Frontiers Editorial Office,
✉ research.integrity@frontiersin.org

RECEIVED 28 July 2025
ACCEPTED 28 July 2025
PUBLISHED 07 August 2025

CITATION

Frontiers Editorial Office (2025) Retraction:
How does energy efficiency mitigates carbon
emissions without reducing economic growth
in post COVID-19 era.
Front. Energy Res. 13:1674729.
doi: 10.3389/fenrg.2025.1674729

COPYRIGHT

© 2025 Frontiers Editorial Office. This is an
open-access article distributed under the
terms of the [Creative Commons Attribution
License \(CC BY\)](#). The use, distribution or
reproduction in other forums is permitted,
provided the original author(s) and the
copyright owner(s) are credited and that the
original publication in this journal is cited, in
accordance with accepted academic practice.
No use, distribution or reproduction is
permitted which does not comply with
these terms.

Retraction: How does energy efficiency mitigates carbon emissions without reducing economic growth in post COVID-19 era

Frontiers Editorial Office*

A Retraction of the Original Research Article

How Does Energy Efficiency Mitigate Carbon Emissions Without Reducing Economic Growth in Post COVID-19 Era

by Li M, Yao-Ping Peng M, Nazar R, Ngozi Adeleye B, Shang M and Waqas M (2022). *Front. Energy Res.* 10:832189. doi: 10.3389/fenrg.2022.832189

The journal retracts the 2022 article cited above.

Frontiers Research Integrity Auditing team has investigated and uncovered a network of authors and editors who conducted peer review with undisclosed conflicts of interest and who have engaged in citation manipulation. The investigation identified this article as one for which the integrity of the peer review process has been undermined, resulting in the loss of confidence in the article's findings.

The authors received communication regarding the retraction and were given a chance to respond, with some discussions still ongoing. This exchange has been recorded by the publisher. The investigation was not able to determine whether all authors, editors, or reviewers were aware of or involved in the misconduct, but this misconduct was significant enough to determine that the scientific integrity of the article cannot be guaranteed.

In adherence to the recommendations of the Committee on Publication Ethics (COPE), the article is retracted. The retraction was approved by the Chief Executive Editor at Frontiers and the Field Chief Editor of Frontiers in Energy Research.