



Retraction notice

Retraction notice to "Optimization of CO₂ Gas Flow Rate and Distributor Holes Number for CO₂ Capture" [Applied Science and Engineering Progress (2026) .05.001]

Nuryoto Nuryoto*, Leli Rahmawati and Herliza Julvita
Chemical Engineering Department, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Cilegon, Banten, Indonesia

Rafiif Nur Tahta Bagaskara
School of Environment, Faculty of Arts and Science, University of Toronto, Toronto, ON, Canada

* Corresponding author.

Upon the request of the corresponding authors to investigate potential misconduct of publication ethics, an inquiry was initiated by the Editor-in-Chief and the Ethical Editorial Committee of Applied Science and Engineering Progress (ASEP). Following a thorough review of the evidence, the journal has decided to retract the following article:

Authors: Nuryoto Nuryoto, Leli Rahmawati, Herliza Julvita, Rafiif Nur Tahta Bagaskara
Title: Optimization of CO₂ Gas Flow Rate and Distributor Holes Number for CO₂ Capture
Journal: Applied Science and Engineering Progress
DOI: <https://doi.org/10.14416/j.asep.2025.09.007>

After publication, the journal was informed of substantial overlap with the following previously published paper:

Authors: Nuryoto, Heri Heriyanto, Leli Rahmawati, Herliza Julvita, Rafiif Nur Tahta Bagaskara
Title: The Influence of CO₂ Gas Flow Rate and the Number of Distributor Holes on the Production of Precipitated Calcium Carbonate (PCC)
Journal: AIP Conference Proceedings
DOI: <https://doi.org/10.1063/5.0333664>

An investigation conducted in accordance with the journal's publication ethics policies determined that the two articles contain significant duplicated content and represent a case of duplicate publication. The manuscript was submitted to AIP Publishing prior to submission to ASEP.

Accordingly, ASEP retracts this article in line with the guidelines of the Committee on Publication Ethics (COPE) to maintain the integrity of the scholarly record. The authors have been informed of this decision. The journal regrets that this issue was not identified before publication and apologizes to readers for any inconvenience caused.

DOI of original article: <https://doi.org/10.14416/j.asep.2025.09.007>
<http://doi.org/10.14416/j.asep.2026.05.001>

Available online 7 May 2026

ISSN: 2672-9156, E-ISSN: 2673-0421 / © 2026 King Mongkut's University of Technology North Bangkok. All rights are reserved, including those for text and data mining, AI training, and similar technologies.