sustainability

MDPI

Retraction

RETRACTED: Sabbagh et al. Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method. *Sustainability* 2021, *13*, 11466

Parisa Sabbagh [1], Rana Pourmohamad [2], Marischa Elveny [3,*], Mohammadali Beheshti [4], Afshin Davarpanah [5,*], Ahmed Sayed M. Metwally [6], Shafaqat Ali [7,8,*] and Amin Salih Mohammed [9,10]

1 DISA-MIS Department, University of Salerno, 84084 Fisciano, Italy; psabbagh@unisa.it
2 ASU School of Computing, Informatics, and Decision System Engineering, Arizona State University, Tempe, AZ 85281, USA; rpourmoh@asu.edu
3 Department of Data Science & Computational Intelligence Research Group, Universitas Sumatera Utara, Medan 20222, Indonesia
4 University of Houston-Clear Lake, Department of Science and Engineering, Houston, TX 77058, USA; beheshti@uhcl.edu
5 Data Science & Computational Intelligence Research Group, Universitas Medan Area, Medan 20112, Indonesia
6 Department of Mathematics, College of Science, King Saud University, Riyadh 11451, Saudi Arabia; dalsayed@ksu.edu.sa
7 Department of Environmental Science and Engineering, Government College University, Faisalabad 38000, Pakistan
8 Department of Biological Sciences and Technology, China Medical University, Taichung 40402, Taiwan
9 Department of Computer Engineering, College of Engineering and Computer Science, Lebanese French University, Erbil 44001, Kurdistan Region, Iraq; kakshar@lfu.edu.krd
10 Department of Software and Informatics Engineering, Salahaddin University-Erbil, Erbil 44001, Kurdistan Region, Iraq
* Correspondence: arischaelveny@usu.ac.id (M.E.); afshindpe@gmail.com (A.D.); mshafaqataligill@yahoo.com (S.A.)

check for updates

Received: 29 July 2025
Accepted: 8 September 2025
Published: 17 September 2025

Citation: Sabbagh, P.; Pourmohamad, R.; Elveny, M.; Beheshti, M.; Davarpanah, A.; Metwally, A.S.M.; Ali, S.; Mohammed, A.S. RETRACTED: Sabbagh et al. Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method. *Sustainability* 2021, *13*, 11466. *Sustainability* **2025**, *17*, 8320. https://doi.org/10.3390/su17188320

Copyright: © 2025 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/).

The journal retracts the article titled "Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method" [1], cited above.

Adhering to our complaints procedure, an investigation was conducted by the Editorial Office and Editorial Board that confirmed the presence of irrelevant citations as well as inability to confirm the origins and reliability of the study due to a lack of response from the authors. Consequently, the Editorial Board has lost confidence in the reliability of the findings and decided to retract this publication [1], as per MDPI's retraction policy (https://www.mdpi.com/ethics#_bookmark30).

This retraction was approved by the Editor-in-Chief of *Sustainability*. The authors did not provide a comment on this decision.

Reference

1. Sabbagh, P.; Pourmohamad, R.; Elveny, M.; Beheshti, M.; Davarpanah, A.; Metwally, A.S.M.; Ali, S.; Mohammed, A.S. RETRACTED: Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method. *Sustainability* **2021**, *13*, 11466. [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.