

# Dr. Khaled Mohammad Ahmad Alomari

Academic Coordinator

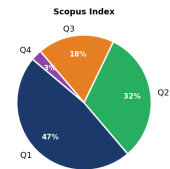
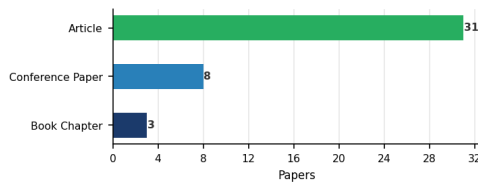
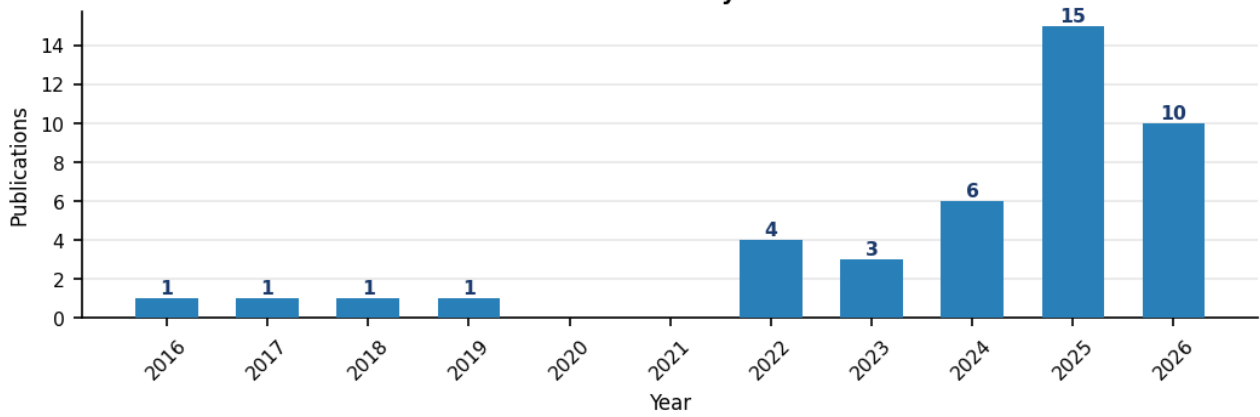
Associate Professor

■ Scopus ID: 57190275311

<b>42</b> Total Publications	<b>38</b> Scopus Ranked	<b>620</b> Total Citations	<b>31</b> Article	<b>8</b> Conference Paper	<b>3</b> Book Chapter
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## Research Summary

Publications by Year



Year	Article	Conference Paper	Book Chapter	Total
2026	8	1	1	10
2025	12	1	2	15
2024	6	-	-	6
2023	1	2	-	3
2022	3	1	-	4
2019	1	-	-	1
2018	-	1	-	1
2017	-	1	-	1
2016	-	1	-	1
<b>Total</b>	<b>31</b>	<b>8</b>	<b>3</b>	<b>42</b>

## Article (31)

1. Alomari, K. M. (2026). **A Unified Uncertainty-Aware Multi-Task Framework for Robust Remaining Useful Life Prediction Under Distribution Shift.** *IEEE Access*, 14, 60940–60962. <https://doi.org/10.1109/ACCESS.2026.3685622>  
**Q1** **Open Access**
2. Almomani, O., Al-Zyoud, M., Abu-Shareha, A. A., Almomani, A., Salloum, S. A., & Alomari, K. M. (2026). **Adaptive Enhanced Grey Wolf Optimizer for Efficient Cluster Head Selection and Network Lifetime Maximization in Wireless Sensor Networks.** *Computers, Materials and Continua*, 87(2). <https://doi.org/10.32604/cmc.2025.075465>  
**Q1** **Open Access** **Cited by 1**
3. Alyami, N. M., Badawood, S., Alomari, K. M., Al-Ababneh, H. A., Adwan, M. N. A., Khader, J. A., & Zawaideh, F. H. (2026). **ETHICAL AND LEGAL ASPECTS OF DIGITAL MARKETING, INFORMATION TECHNOLOGY, AND THEIR INFLUENCE ON CORPORATE GOVERNANCE AND SUSTAINABLE DEVELOPMENT.** *Corporate Law and Governance Review*, 8(2), 63–76. <https://doi.org/10.22495/clgrv8i2p6>  
**Q2** **Open Access**
5. Salloum, S. A., Almomani, A., Alomari, K. M., Khdour, T., & Alauthman, M. (2026). **Predicting Thyroid Dysfunction Using Classical Machine Learning With Rigorous Statistical Evaluation.** *IEEE Access*, 14, 28852–28866. <https://doi.org/10.1109/ACCESS.2026.3666210>  
**Q1** **Open Access** **Cited by 1**
6. Salloum, S. A., Almomani, O., Almomani, A., Alomari, K. M., & Arya, V. (2026). **Semantic-Enhanced Classification of DNA Sequences Using Machine Learning and Deep Learning Approaches.** *International Journal on Semantic Web and Information Systems*, 22(1). <https://doi.org/10.4018/IJSWIS.407404>  
**Q1** **Open Access**
8. Allouzi, A. S., Alomari, K. M., & Altarawneh, A. I. (2026). **The Impact of Civil Case Management on Achieving Complete Justice in Comparative Legal Systems.** *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 18(1). <https://doi.org/10.1061/JLADAH.LADR-1229>  
**Q1** **Open Access** **Cited by 1**
9. A, H. A., & Alomari, K. M. A. (2026). **The Interplay of IT Integration and Cybersecurity in Driving Digital Marketing Effectiveness: A Systems-Analytical Approach.** *Ianna Journal of Interdisciplinary Studies*, 8(2). <https://doi.org/10.5281/zenodo.20268321>  
**Q3** **Open Access**
10. Alomari, K. M., Maghaydah, S., Salloum, S. A., Mahade, A., Abubakr, A. A. M., & Abubakr, A. A. M. (2026). **Understanding metaverse adoption and sustainability across students and educators: Evidence from the diffusion of innovation model.** *Telematics and Informatics Reports*, 21. <https://doi.org/10.1016/j.teler.2026.100307>  
**Q1** **Open Access**
11. Allouzi, A. S., Alomari, K. M., Louzi, N., & Alghathian, G. A. (2025). **Assessing stakeholder perceptions of the effectiveness of the UAE arbitration law in resolving off-plan real estate disputes in Dubai.** *Social Sciences and Humanities Open*, 12. <https://doi.org/10.1016/j.ssaho.2025.102090>  
**Q1** **Open Access** **Cited by 1**

12. Qawaqneh, H., Alomari, K. M., Alomari, S., Bektemyssova, G., Smerat, A., Montazeri, Z., Dehghani, M., Malik, O. P., & Eguchi, K. (2025). **Black-breasted Lapwing Algorithm (BBLA): A Novel Nature-inspired Metaheuristic for Solving Constrained Engineering Optimization.** *International Journal of Intelligent Engineering and Systems*, 18(11), 581–597. <https://doi.org/10.22266/ijies2025.1231.36>  
**Q2** **Open Access** **Cited by 4**

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13. Alomari, K. M., Abubakr, A. A. M., Maghaydah, S., & Ali, M. A. (2025). **Building a composite early warning index for financial market crises using machine learning and macroeconomic-political uncertainty indicators.** *Asian Economic and Financial Review*, 15(10), 1520–1537. <https://doi.org/10.55493/5002.v15i10.5594>  
**Q2** **Open Access**

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14. Salloum, S. A., Alomari, K. M., & Salloum, A. (2025). **DNA sequence classification for diabetes mellitus using NuSVC and XGBoost: A comparative.** *PLOS ONE*, 20(07-Jul). <https://doi.org/10.1371/journal.pone.0328253>  
**Q1** **Open Access**

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15. Salloum, S. A., Alomari, K. M., Alfaisal, A. M., Aljanada, R. A., & Basiouni, A. (2025). **Emotion recognition for enhanced learning: using AI to detect students' emotions and adjust teaching methods.** *Smart Learning Environments*, 12(1). <https://doi.org/10.1186/s40561-025-00374-5>  
**Q1** **Open Access** **Cited by 55**

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17. Alomari, K. M., Maghaydah, S., & Khan, M. J. (2025). **Examining Metaverse Intention to Use Among Computer Science and Engineering Students Via UTAUT2, DOI Through PLS-SEM, ML & Network Analysis.** *SN Computer Science*, 6(8). <https://doi.org/10.1007/s42979-025-04553-6>  
**Q1** **Open Access**

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19. Mahade, A., Elmahi, A., Abdalla, A. A., Said, R. A., & Alomari, K. M. (2025). **Investigating the Association Between Human Resource Management Practices and Job Autonomy on Faculty Job Performance: Evidence From UAE Higher Education Sector.** *Journal of Public Affairs*, 25(1). <https://doi.org/10.1002/pa.70009>  
**Q1** **Open Access** **Cited by 5**

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20. Qawaqneh, H., Alomari, K. M., Alomari, S., Bektemyssova, G., Smerat, A., Montazeri, Z., Dehghani, M., Malik, O. P., & Eguchi, K. (2025). **Kakapo Optimization Algorithm (KOA): A Novel Bio-inspired Metaheuristic for Optimization Applications.** *International Journal of Intelligent Engineering and Systems*, 18(11), 913–929. <https://doi.org/10.22266/ijies2025.1231.56>  
**Q2** **Open Access** **Cited by 6**

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21. Mahade, A., Elmahi, A., Alomari, K. M., & Abdalla, A. A. (2025). **Leveraging AI-driven insights to enhance sustainable human resource management performance: moderated mediation model: evidence from UAE higher education.** *Discover Sustainability*, 6(1). <https://doi.org/10.1007/s43621-025-01114-y>  
**Q2** **Open Access** **Cited by 24**

22. Qawaqneh, H., Sayyed, O. A., Alomari, K. M., Bektemyssova, G., Smerat, A., Montazeri, Z., Dehghani, M., Malik, O. P., & Eguchi, K. **(2025). Pipefish Optimization Algorithm (POA): A Nature-inspired Metaheuristic for Robust and Adaptive Global Optimization.** *International Journal of Intelligent Engineering and Systems*, 18(11), 778-794. <https://doi.org/10.22266/ijies2025.1231.48>
- Q2** **Open Access** **Cited by 2**
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24. Mousa, A. E., Alomari, K. M., Awad, A. M., & Abdelaziz, E. **(2025). The Mediating Role of Talent Management in the Relationship between E-Human Resource Management (E-HRM) Practices and Organizational Sustainability.** *Qubahan Academic Journal*, 5(4), 377-398. <https://doi.org/10.48161/qaj.v5n4a1935>
- Q1** **Open Access**
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25. Abubakr, A. A. M., Khan, F., Alomari, K. M., Sahal, M. S. G., Yousif, N. A. I., & Yousif, H. K. **(2025). The role of the internal auditor, stakeholders, and external auditor in discovering and reducing creative accounting practices in UAE companies.** *Security Journal*, 38(1). <https://doi.org/10.1057/s41284-025-00478-0>
- Q1** **Cited by 6**
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26. Allouzi, A. S., Alomari, K. M., & Maghaydah, S. **(2024). Enhancing game classification systems with machine learning: A comparative study on techniques and legal implications.** *International Journal of Data and Network Science*, 8(4), 2319-2332. <https://doi.org/10.5267/j.ijdns.2024.5.024>
- Q1** **Open Access** **Cited by 10**
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27. Mbaidin, H. O., Sbaee, N. Q., Almubydeen, I. O., & Alomari, K. M. **(2024). Key success drivers for implementation blockchain technology in UAE Islamic banking.** *Uncertain Supply Chain Management*, 12(2), 1175-1188. <https://doi.org/10.5267/j.uscm.2023.11.016>
- Q1** **Open Access** **Cited by 8**
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28. Mbaidin, H. O., Alomari, K. M., Almubydeen, I. O., & Sbaee, N. Q. **(2024). The critical success factors (CSF) of blockchain technology effecting excel performance of banking sector: Case of UAE Islamic Banks.** *International Journal of Data and Network Science*, 8(1), 289-306. <https://doi.org/10.5267/j.ijdns.2023.9.024>
- Q1** **Open Access** **Cited by 14**
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29. Mbaidin, H. O., Alomari, K. M., Sbaee, N. Q., Almubydeen, I. O., & Chindo, U. M. **(2024). The influential impact of business intelligence tools usage in establishing responsible business practices using knowledge management stages in the educational sector.** *Journal of Infrastructure, Policy and Development*, 8(8). <https://doi.org/10.24294/jipd.v8i8.4904>
- Q3** **Open Access** **Cited by 1**
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30. Mbaidin, H. O., Alomari, K. M., Sbaee, N. Q., Almubydeen, I. O., & Chindo, U. M. **(2024). The innovation role of artificial intelligence using data analytics to influence sustainable business practices and firms' profitability in cars industry.** *Journal of Infrastructure, Policy and Development*, 8(11). <https://doi.org/10.24294/jipd.v8i11.4963>
- Q3** **Open Access** **Cited by 2**

31. Mbaidin, H. O., Sbaee, N. Q., Almubydeen, I. O., Chindo, U., & Alomari, K. M. (2024). **The role of AI integration and governance standards: Enhancing financial reporting quality in Islamic banking.** *Decision Science Letters*, 13(1), 83-98. <https://doi.org/10.5267/j.dsl.2023.12.001>  
Q3 Open Access Cited by 9
32. Allouzi, A. S., & Alomari, K. M. (2023). **Adequate legal rules in settling metaverse disputes: Hybrid legal framework for metaverse dispute resolution (HLFMDR).** *International Journal of Data and Network Science*, 7(4), 1627-1642. <https://doi.org/10.5267/j.ijdns.2023.8.001>  
Q1 Open Access Cited by 26
35. Alomari, K. M. (2022). **Predicting the intention to use social media among medical students in the United Arab Emirates: A machine learning approach.** *South Eastern European Journal of Public Health*, 2022(Special Issue 5). <https://doi.org/10.56801/seejph.vi.308>  
Q3 Open Access Cited by 5
36. Alomari, K. M., Mbaidin, H. O., Jbour, R. S. A., & Allahawiah, S. R. (2022). **THE IMPACT OF QUALITY MOBILE E-GOVERNEMENT SERVICIS ON SERVICE USAGE: THE MEDIATING ROLE CITIZEN'S SATISFACTION.** *Journal of Theoretical and Applied Information Technology*, 100(24), 7222-7232. <https://doi.org/nan>  
Q4 Cited by 1
38. Alhamad, A., Alshurideh, M., Alomari, K., Kurdi, B. A., Alzoubi, H., Hamouche, S., & Al-Hawary, S. (2022). **The effect of electronic human resources management on organizational health of telecommunications companies in Jordan.** *International Journal of Data and Network Science*, 6(2), 429-438. <https://doi.org/10.5267/j.ijdns.2021.12.011>  
Q1 Open Access Cited by 236
39. Alomari, K. M., Alhamad, A. Q., Mbaidin, H. O., & Salloum, S. (2019). **Prediction of the digital game rating systems based on the ESRB; [Predicción de los sistemas de clasificación de juegos digitales basados en el sistema de calificación ESRB].** *Opcion*, 35(Special Issue 19), 1368-1393. <https://doi.org/nan>  
Q2 Cited by 25

## Conference Paper (8)

7. Maghaydah, S., Assayed, S. K., Salhieh, S. M., & Alomari, K. M. (2026). **Success Factors Affecting Enterprise Resource Planning (ERP) Systems Implementation in UAE Higher Education Institutions.** *Communications in Computer and Information Science*, 2541 CCIS, 173-182. [https://doi.org/10.1007/978-3-031-99356-5\\_15](https://doi.org/10.1007/978-3-031-99356-5_15)  
Q3
16. Alomari, K. M., Maghaydah, S., Mahde, A., Mohammed, A. A., Korany, H., & Abunawas, M. K. (2025). **Examining Metaverse Adoption Impacts Higher Education Students Through the Diffusion of Innovation Framework.** *Proceedings - International Conference on Advanced Systems and Emergent Technologies, IC\_ASET 2025*. [https://doi.org/10.1109/IC\\_ASET65966.2025.11232258](https://doi.org/10.1109/IC_ASET65966.2025.11232258)

33. Maghaydah, S., Maheshwari, P., & Alomari, K. M. (2023). **Agent-Based Modelling and Simulation of Crowd Evacuation: Case Study for Electric Train Cabin.** *2nd International Conference on Business Analytics for Technology and Security, ICBATS 2023*. <https://doi.org/10.1109/ICBATS57792.2023.10111239>  
**Cited by 2**
34. Alomari, K. M., & Maghaydah, S. (2023). **Beyond Multivariate Analysis Methods: Proposing Sentiment Analysis as a Novel Approach in Analyzing UTAUT2 for Metaverse Adoption.** *ACM International Conference Proceeding Series*. <https://doi.org/10.1145/3641032.3641040>  
**Cited by 2**
37. Alhamad, A. Q., Alomari, K. M., Alshurideh, M., Kurdi, B. A., Salloum, S., & Al-Hamad, A. Q. (2022). **The Adoption of Metaverse Systems: A hybrid SEM - ML Method.** *International Conference on Electrical, Computer, Communications and Mechatronics Engineering, ICECCME 2022*. <https://doi.org/10.1109/ICECCME55909.2022.9988215>  
**Open Access Cited by 22**
40. Alomari, K. M., Ncube, C., & Shaalan, K. (2018). **Predicting success of a mobile game: A proposed data analytics-based prediction model.** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10868 LNAI, 127–134. [https://doi.org/10.1007/978-3-319-92058-0\\_12](https://doi.org/10.1007/978-3-319-92058-0_12)  
**Q2 Cited by 1**
41. Alomari, K. M., Elsherif, H. M., & Shaalan, K. (2017). **Arabic tweets sentimental analysis using machine learning.** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10350 LNCS, 602–610. [https://doi.org/10.1007/978-3-319-60042-0\\_66](https://doi.org/10.1007/978-3-319-60042-0_66)  
**Q2 Cited by 131**
42. Alomari, K. M., Soomro, T. R., & Shaalan, K. (2016). **Mobile gaming trends and revenue models.** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 9799, 671–683. [https://doi.org/10.1007/978-3-319-42007-3\\_58](https://doi.org/10.1007/978-3-319-42007-3_58)  
**Q2 Cited by 17**

## Book Chapter (3)

4. Mahade, A., & Alomari, K. M. (2026). **Emerging Paradigms and Modern Approaches in Faculty Performance Assessment in the United Arab Emirates: A Comprehensive Review of Current Trends and Their Impact on Shaping Modern Academic Excellence.** *Studies in Systems, Decision and Control*, 238, 325–336. [https://doi.org/10.1007/978-3-031-85398-2\\_29](https://doi.org/10.1007/978-3-031-85398-2_29)  
**Q2**
18. Mohammed, A. A., Alomari, K. M., & Yousif, H. K. (2025). **How does the External Auditor's Commitment to Professional Ethics Affects the Reduction of Creative Accounting Practices in Companies? Evidence from External Audit Offices in the UAE-2024..** *Studies in Systems, Decision and Control*, 546, 575–584. [https://doi.org/10.1007/978-3-031-65207-3\\_49](https://doi.org/10.1007/978-3-031-65207-3_49)  
**Q2**

23. Salloum, S. A., Aljanada, R. A., Alhumaid, K., Alomari, K. M., Alfaisal, A. M., Elnekiti, A., & Alfaisal, R. (2025). **Statistical Analysis and Machine Learning in College Football: Insights from Offensive Efficiency, Yards Per Play, and Clustering of Play Styles.** *Studies in Computational Intelligence*, 1208, 433-446. [https://doi.org/10.1007/978-3-031-89175-5\\_27](https://doi.org/10.1007/978-3-031-89175-5_27)

Q3

Cited by 2