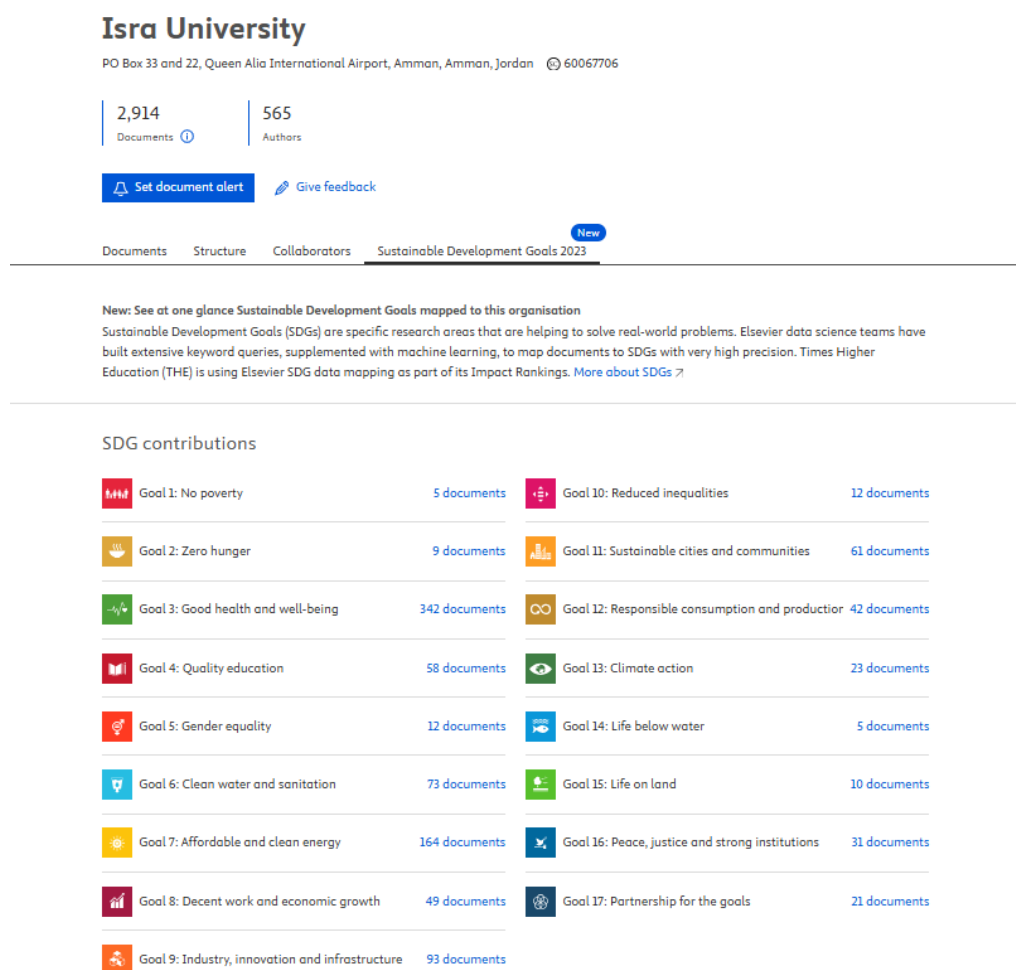




SDG9: INDUSTRY INNOVATION AND INFRASTRUCTURE

9.1 Research on industry, innovation and infrastructure

9.1.1 Industry, Innovation and Infrastructure: publications



Isra University is engaged in research aimed at promoting industries, innovation and infrastructure through innovative research. Currently, there are approximately 66 research publications related to SDG 9, with 29 were published between 2023 and 2024.

1. [Big data analytics and innovation in e-commerce: current insights and future directions](#)
[Alsmadi, A.A., Shuhaiber, A.H., Al-Okaily, M., Al-Gasaymeh, A.S., Alrawashdeh, N.M.](#)
[Journal of Financial Services Marketing, 2024](#)

2. [The Effects of Board Composition on Capital Structure: Evidence from Jordan](#)
3. [Al-Nsour, O.J., Al-Shorafa, A.J., Kanakriyah, R.M., Joudeh, A.H.M., Salameh, R.M. **Quality Access to Success**, 2024](#)
4. [An Integrated Goal Programming Model Applied for Planning a National Policy of Sustainable Development: A Case of Jordan](#)
[Alnsour, M.A. **Process Integration and Optimization for Sustainability**, 2024](#)
5. [Optimizing Broadcast Utilization for Efficient Disaster Management Using Wireless Ad Hoc Networks and Novel Energy-Saving Algorithms](#)
[AlZyoud, F.Y., Tarawneh, M., Almaghthawi, A., ...Asiri, L., Alrehaili, M. **International Journal of Interactive Mobile Technologies**, 2024](#)
[Sharrab, Y.O., Alsmirat, M.A., Eljinini, M.A.H., Sarhan, N.J. **Multimedia Tools and Applications**, 2024](#)
6. [OPTIMIZING ENERGY EFFICIENCY IN WIRELESS AD HOC NETWORKS FOR DISASTER MANAGEMENT: A NOVEL BROADCAST APPROACH FOR PROLONGED SENSOR LIFE](#)
[AlZyoud, F.Y., Tarawneh, M., Altarawni, I., ...AlAli, R.M., Aldahyani, T.H.H. **Journal of Theoretical and Applied Information Technology**, 2024](#)
7. [Shaping Tomorrow's Community Requires Right Decisions to be Made Today Through Investment in Sustainable Infrastructure: An International Review](#)
[Alnsour, M.A., Al-Omari, Z.A.M., Rawashdeh, T.M., Oudat, A. **Evergreen**, 2024](#)
8. [Low-temperature treatment of domestic sewage by electrokinetic-based reactor](#)
[Adam Lagum, A.A. **Biomass Conversion and Biorefinery**, 2024](#)
9. [Managing future urbanization growth patterns using genetic algorithm modeling](#)
[Al-Hadidi, S., Sweis, G.J., Abu-Khader, W., Abu-Rumman, G.A., Sweis, R.J. **Engineering Construction and Architectural Management**, 2024](#)
10. [The role of digital accounting transformation in the banking industry sector: an integrated model](#)
[Al-Okaily, M., Alsmadi, A.A., Alrawashdeh, N.M., ...Oroud, Y., Al-Gasaymeh, A.S. **Journal of Financial Reporting and Accounting**, 2024](#)
11. [TECHNICAL ANALYSIS OF INTERNET SHUTDOWNS: ECONOMIC AND CYBERSECURITY DIMENSIONS IN INDIA AND INTERNATIONAL CONTEXT](#)
[Chowdhary, H., Chaudhary, N.K., Harahsheh, F.A.H., ...Rajak, M., Tomar, R.K. **Journal of Theoretical and Applied Information Technology**, 2024](#)

12. [Optimizing working capital management strategies for enhanced profitability in the UK furniture industry: Evidence and implications](#)

Ramadan, A.H., Maali, B.M., Morshed, A.Q., ...Dahbour, S.A., Bani Ahmad, A.Y.

[Journal of Infrastructure Policy and Development, 2024](#)

13. [The impact of human resource agility on the innovative performance in Jordanian pharmaceutical companies](#)
Attiany, M.S., Al-Kharabsheh, S.A.I., Abusalma, A.J.
[Journal of Infrastructure Policy and Development, 2024](#)
14. [Transforming accounting practices: The impact and challenges of business intelligence integration in invoice processing](#)
Morshed, A.Q., Ramadan, A.H., Maali, B.M., Khrais, L.T., Baker, A.A.R.
[Journal of Infrastructure Policy and Development, 2024](#)
15. [A Blockchain Framework in the Banking Sector Based in e-KYC System Conceptual Framework](#)
Jaber, B., Kriwiesh, D., Alragheb, M.A.
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16. [The Readiness of the Technological in Communications for the Effectiveness of online learning amid COVID-19 Pandemic](#)
Al-Amawi, A.M.I., Al-Sarabi, A.H.A., Al-Malahmeh, H., Kilani, Y.
[Wireless Personal Communications, 2024](#)
17. [The Mediating Effect of Managerial Awareness on Mis and Entrepreneurial Ecosystems in Jordan](#)
Awad, H.A., Kilani, Y.
[Journal of Logistics Informatics and Service Science, 2024](#)
18. [Enhancing Organizational Resilience to Climate Change through Smart Business: An Empirical Study of the Jordanian Pharmaceutical Manufacturing Sector](#)
Kilani, Y., Alsaadeh, M.
[Journal of Logistics Informatics and Service Science, 2024](#)
19. [Potential effects of smart innovative solutions for supply chain performance](#)
Al-Shorman, H.M., Eldahamsheh, M.M., Attiany, M.S., Al-Azzam, M.K., Al-Quran, A.Z.
Uncertain Supply Chain Management, 2023
20. [Barriers to adopt industry 4.0 in supply chains using interpretive structural modeling](#)
Attiany, M.S., Al-Kharabsheh, S.A.I., Al-Makhariz, L.S.A., ...Mohammad, A.A.S., Rahamneh, A.A.A.L.
[Uncertain Supply Chain Management, 2023 An Exploratory Assessment of Self-Reported Satisfaction with Infrastructure and Out-of-Home Activities for People with Vision Impairments](#)
Hamed, M.M., Masoud, M.A.
[Vision \(Switzerland\), 2023](#)
21. [UV and solar-based photocatalytic degradation of organic pollutants from ceramics industrial wastewater by Fe-doped ZnS nanoparticles](#)

- [Li, B., Amin, A.H., Ali, A.M., ...Salman, H.M., Nassar, M.F.](#)
[Chemosphere, 2023](#)
22. [Risks management of infrastructure line services and their impact on the financial costs of road projects in Jordan](#)
[Sa'dl Issa Alkhawaja, A., Varouqa, I.F. Measurement: Sensors, 2023](#)
23. [Big Data Analytics for Business Sustainability: Review Study](#)
[Akour, I.A., Elhoseny, M.D., Al-Amawi, A.M.I., Akila, A.](#)
[IET Conference Proceedings, 2023](#)
24. [The Impact of Environmental Disclosure on Market Performance: An Empirical Study of Jordanian Listed Industrial Companies.](#)
[Alsakini, S.A.A.](#)
[WSEAS Transactions on Business and Economics, 2023](#)
25. [Sustainability reporting and assurance in Gulf Cooperation Council countries: what is missing?](#)
[Ramadan, A.H., Nassar, M.D., Sharairi, M.H., Makhlof, M.H., Nimer, K.](#)
[International Journal of Business Governance and Ethics, 2023](#)
26. [Influence of smart mobile banking services on senior banks' clients intention to use: moderating role of digital accounting.](#)
[Qatawneh, A.M., Makhlof, M.H.](#)
[Global Knowledge, Memory and Communication, 2023](#)
27. [Impact of Cryptocurrency Regulations and Fintech on the Growth of Innovations](#)
[Alrawashdeh, N.M., Al-Malahmeh, H., Al-Amawi, A.M.I., ...Alsaadeh, M., Alsmadi, A.A.](#)
[2nd International Conference on Business Analytics for Technology and Security, ICBATS 2023, 2023](#)
28. [Big data analytics and innovation in e-commerce: current insights and future directions](#)
[Alsmadi, A.A., Shuhaiber, A.H., Al-Okaily, M., Al-Gasaymeh, A.S., Alrawashdeh, N.M.](#)
[Journal of Financial Services Marketing, 2023](#)
29. [Developing sustainability assessment indicators for measuring contractor's performance during the construction phase of construction projects in Jordan](#)
[Alnsour, M.A., Zeidan, A., Al Quwaider, B., ...Alregeb, R., Bader, M.](#)
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