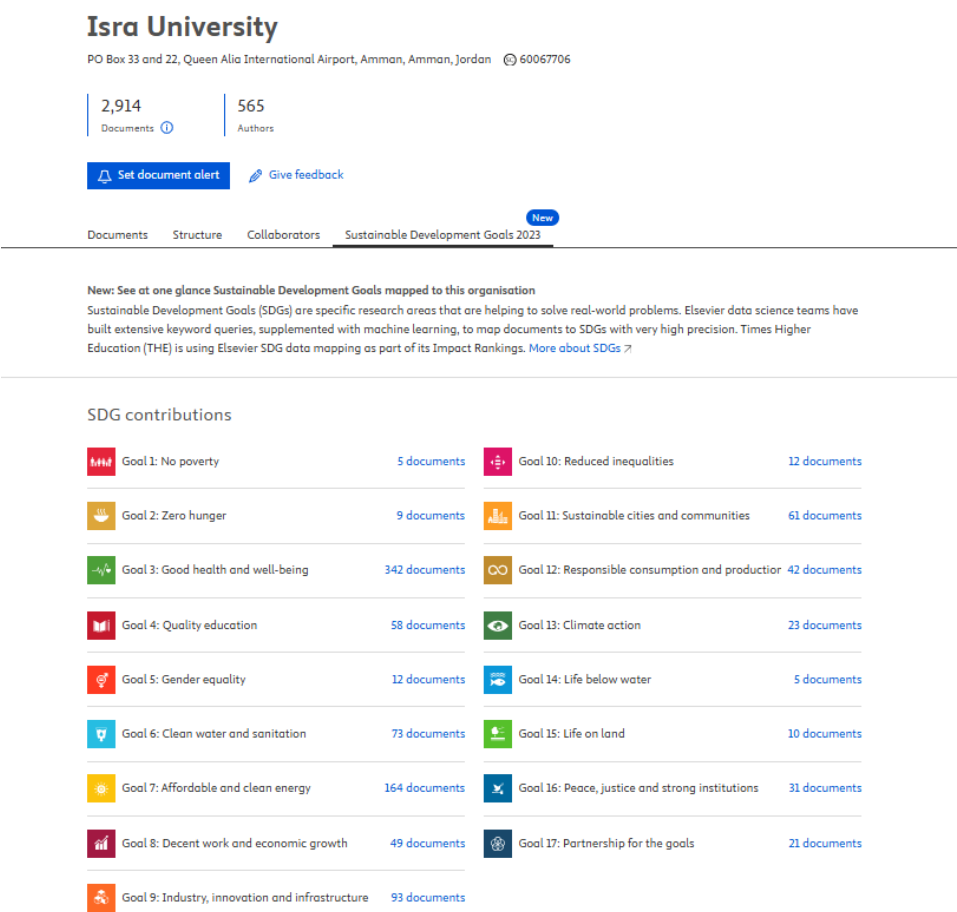


6.1.2 Clean Water and Sanitation: FWCI

Considering the importance of clean water and sanitation for human life, research on water and sustainability at Isra University is growing significantly. According to a Scopus report, the total number of published research papers has reached 66.

The total number of citations for papers published between 2023 and 2024, were 20 citations. The table below lists the publications along with their respective citation counts. Publications from 2023 to 2024 are highlighted for clarity.



List of publications with citation counts.

No.	Article	Number of citations
1	An Integrated Goal Programming Model Applied for Planning a National Policy of Sustainable Development: A Case of Jordan	1
	Alnsour, M.A.	
	<i>Process Integration and Optimisation for Sustainability</i> , 2024	
	Review • Open access	

No.	Article	Number of citations
2	Carbon as a multifunctional material in supporting adsorption performance for water treatment: Science mapping and review	0
	Heryanto, H., Tahir, D., Abdullah, B., ...Prasad, V.S.R., Sayyed, M.I.	
	Desalination and Water Treatment , 2024	
3	Techno-Economic and Environmental Sustainability Assessment of a Sewage Sludge Composting Plant: A Case Study	3
	Albtoosh, A.F., Alnsour, M.A., Hajar, H.A., Adam Lagum, A.A.	
	Waste and Biomass Valorisation , 2024	
4	Article	0
	Effects of current density on fouling-related properties of sludge in an electro-bioreactor at low-temperature conditions	
	Adam Lagum, A.A.	
5	Biomass Conversion and Biorefinery , 2024	2
	Article • Open access	
	Low-temperature treatment of domestic sewage by electrokinetic-based reactor	
6	Adam Lagum, A.A.	3
	Biomass Conversion and Biorefinery , 2024	
	Article • Open access	
7	Adsorption of Pb, Cu, and Ni Ions on Activated Carbon Prepared from Oak Cupules: Kinetics and Thermodynamics Studies	1
	Khater, D.F., Alkhabbas, M., Al-Ma'Abreh, A.M.	
	Molecules , 2024	
8	Book Chapter	10
	Rainfall prediction using machine learning	
	Kumar, A.V., Roshan, S.A., Dutta, A., ...Musirin, I.B., Kaur, G.	
9	Advancements in Climate and Smart Environment Technology , 2024	0
	Article	
	Prediction and modeling of water quality using deep neural networks	
10	El-Shebli, M., Sharrab, Y.O., Al-Fraihat, D.G.	10
	Environment, Development and Sustainability , 2024	
	Article	
9	Effective and sustainable removal of Pb²⁺ ions from wastewater by a new synthetic bis-thiosemicarbazone derivative immobilized in amberlite XAD-2: Kinetic, isotherm and thermodynamic aspects	0
	Alghamdi, A.A., Hanfi, M.Y., Sakr, A.K., Sayyed, M.I., Almuqrin, A.H.	
	Separation Science and Technology (Philadelphia) , 2024	
10	Article	0
	Conceptualising nature-based solutions: addressing environmental challenges in the city of Amman, Jordan	
	Lemes de Oliveira, F.L., Mare'e, S., Khattab, R., ...Kaddour, I.Z., Sharmin, T.	

No.	Article	Number of citations
	<i>Urban Research and Practice</i> , 2024	
	Article	
	Adam Lagum, A.A.	
	<i>International Journal of Environmental Science and Technology</i> , 2023	
	Article	