Data Set	Publications at Port Said University								
Year Range	2019 to 2023								
Subject Classification	ASJC								
Filtered By	not filtered								
Types Of Publications Included	All publication types								
Self-Citations	-								
Data Source	Scopus								
Date Last Updated	13 November 2024								
Date Exported	24 November 2024								
51 Publications									
Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	Reference	Abstract	DOI	EID
Hydrogen production, storage, utilisation and environmental impacts: a review	Osman, A.I.| Mehta, N.| Elgarahy, A.M.| Hefny, M.| Al-Hinai, A.| Al-Muhtaseb, A.H.| Rooney, D.W.	2022	Environmental Chemistry Letters	423	10.46	Osman, A.I., Mehta, N., Elgarahy, A.M. and 4 more (...) (2022).Hydrogen production, storage, utilisation and environmental impacts: a review. Environmental Chemistry Letters,20(1) 153-188	https://www.scopus.com/record/display.uri?eid=2-s2.0-85116501469&origin=resultslist	10.1007/s10311-021-01322-8	2-s2.0-85116501469
Conversion of biomass to biofuels and life cycle assessment: a review	Osman, A.I.| Mehta, N.| Elgarahy, A.M.| Al-Hinai, A.| Al-Muhtaseb, A.H.| Rooney, D.W.	2021	Environmental Chemistry Letters	368	5.32	Osman, A.I., Mehta, N., Elgarahy, A.M. and 3 more (...) (2021).Conversion of biomass to biofuels and life cycle assessment: a review. Environmental Chemistry Letters,19(6) 4075-4118	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111111734&origin=resultslist	10.1007/s10311-021-01273-0	2-s2.0-85111111734
Insight on water remediation application using magnetic nanomaterials and biosorbents	Abdel Maksoud, M.I.A.| Elgarahy, A.M.| Farrell, C.| Al-Muhtaseb, A.H.| Rooney, D.W.| Osman, A.I.	2020	Coordination Chemistry Reviews	245	4.33	Abdel Maksoud, M.I.A., Elgarahy, A.M., Farrell, C. and 3 more (...) (2020).Insight on water remediation application using magnetic nanomaterials and biosorbents. Coordination Chemistry Reviews,403	https://www.scopus.com/record/display.uri?eid=2-s2.0-85074566536&origin=resultslist	10.1016/j.ccr.2019.213096	2-s2.0-85074566536

Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	Osman, A.I.| Fawzy, S.| Farghali, M.| El-Azazy, M.| Elgarahy, A.M.| Fahim, R.A.| Maksoud, M.I.A.A.| Ajlan, A.A.| Yousry, M.| Saleem, Y.| Rooney, D.W.	2022	Environmental Chemistry Letters	238	5.9	Osman, A.I., Fawzy, S., Farghali, M. and 8 more (...) (2022).Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review. Environmental Chemistry Letters,20(4) 2385-2485	https://www.scopus.com/record/display.url?eid=2-s2.0-85129487821&origin=resultslist	10.1007/s10311-022-01424-x	2-s2.0-85129487821
Methods to prepare biosorbents and magnetic sorbents for water treatment: a review	Osman, A.I.| El-Monaem, E.M.A.| Elgarahy, A.M.| Aniagor, C.O.| Hosny, M.| Farghali, M.| Rashad, E.| Ejimofor, M.I.| López-Maldonado, E.A.| Ihara, I.| Yap, P.-S.| Rooney, D.W.| Eltaweil, A.S.	2023	Environmental Chemistry Letters	106	5.5	Osman, A.I., El-Monaem, E.M.A., Elgarahy, A.M. and 10 more (...) (2023).Methods to prepare biosorbents and magnetic sorbents for water treatment: a review. Environmental Chemistry Letters,21(4) 2337-2398	https://www.scopus.com/record/display.url?eid=2-s2.0-85158063989&origin=resultslist	10.1007/s10311-023-01603-4	2-s2.0-85158063989
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	El-Saadony, M.T.| Saad, A.M.| Soliman, S.M.| Salem, H.M.| Ahmed, A.I.| Mahmood, M.| El-Tahan, A.M.| Ebrahim, A.A.M.| Abd El-Mageed, T.A.| Negm, S.H.| Selim, S.| Babalghith, A.O.| Elrys, A.S.| El-Tarabily, K.A.| AbuQamar, S.F.	2022	Frontiers in Plant Science	94	4.66	El-Saadony, M.T., Saad, A.M., Soliman, S.M. and 12 more (...) (2022).Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives. Frontiers in Plant Science,13	https://www.scopus.com/record/display.url?eid=2-s2.0-85140375109&origin=resultslist	10.3389/fpls.2022.923880	2-s2.0-85140375109

Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	Osman, A.I.| Farghali, M.| Ihara, I.| Elgarahy, A.M.| Ayyad, A.| Mehta, N.| Ng, K.H.| Abd El-Monaem, E.M.| Eltaweil, A.S.| Hosny, M.| Hamed, S.M.| Fawzy, S.| Yap, P.-S.| Rooney, D.W.	2023	Environmental Chemistry Letters	78	4.05	Osman, A.I., Farghali, M., Ihara, I. and 11 more (...) (2023).Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review. Environmental Chemistry Letters,21(3) 1419-1476	https://www.scopus.com/record/display.url?eid=2-s2.0-85148615526&origin=resultslist	10.1007/s10311-023-01573-7	2-s2.0-85148615526
Experiment-based process modeling and optimization for high-quality and resource-efficient FFF 3D printing	Elkaseer, A.| Schneider, S.| Scholz, S.G.	2020	Applied Sciences (Switzerland)	73	4.61	Elkaseer, A., Schneider, S., Scholz, S.G. (2020).Experiment-based process modeling and optimization for high-quality and resource-efficient FFF 3D printing. Applied Sciences (Switzerland),10(8)	https://www.scopus.com/record/display.url?eid=2-s2.0-85085134183&origin=resultslist	10.3390/APP10082899	2-s2.0-85085134183
2-Mercaptobenzimidazole derivative of chitosan for silver sorption – Contribution of magnetite incorporation and sonication effects on enhanced metal recovery	Elwakeel, K.Z.| Al-Bogami, A.S.| Guibal, E.	2021	Chemical Engineering Journal	72	4.09	Elwakeel, K.Z., Al-Bogami, A.S., Guibal, E. (2021).2-Mercaptobenzimidazole derivative of chitosan for silver sorption – Contribution of magnetite incorporation and sonication effects on enhanced metal recovery. Chemical Engineering Journal,403	https://www.scopus.com/record/display.url?eid=2-s2.0-85088388473&origin=resultslist	10.1016/j.cej.2020.126265	2-s2.0-85088388473
Chitosan- or glycidyl methacrylate-based adsorbents for the removal of dyes from aqueous solutions: a review	Mashabi, R.A.| Khan, Z.A.| Elwakeel, K.Z.	2022	Materials Advances	62	2.31	Mashabi, R.A., Khan, Z.A., Elwakeel, K.Z. (2022).Chitosan- or glycidyl methacrylate-based adsorbents for the removal of dyes from aqueous solutions: a review. Materials Advances,3(14) 5645-5671	https://www.scopus.com/record/display.url?eid=2-s2.0-85133124075&origin=resultslist	10.1039/d2ma00320a	2-s2.0-85133124075
Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation	Osman, A.I.| Elgarahy, A.M.| Mehta, N.| Al-Muhtaseb, A.H.| Al-Fatesh, A.S.| Rooney, D.W.	2022	ACS Sustainable Chemistry and Engineering	55	4.22	Osman, A.I., Elgarahy, A.M., Mehta, N. and 3 more (...) (2022).Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation. ACS Sustainable Chemistry and Engineering,10(37) 12433-12447	https://www.scopus.com/record/display.url?eid=2-s2.0-85138060052&origin=resultslist	10.1021/acssuschemeng.2c04095	2-s2.0-85138060052

2-Mercaptobenzimidazole-functionalized chitosan for enhanced removal of methylene blue: Batch and column studies	Elwakeel, K.Z.| Elgarahy, A.M.| Al-Bogami, A.S.| Hamza, M.F.| Guibal, E.	2021	Journal of Environmental Chemical Engineering	50	2.94	Elwakeel, K.Z., Elgarahy, A.M., Al-Bogami, A.S. and 2 more (...) (2021).2-Mercaptobenzimidazole-functionalized chitosan for enhanced removal of methylene blue: Batch and column studies. Journal of Environmental Chemical Engineering,9(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105945914&origin=resultslist	10.1016/j.jece.2021.105609	2-s2.0-85105945914
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	Osman, A.I.| Lai, Z.Y.| Farghali, M.| Yiin, C.L.| Elgarahy, A.M.| Hammad, A.| Ihara, I.| Al-Fatesh, A.S.| Rooney, D.W.| Yap, P.-S.	2023	Environmental Chemistry Letters	45	2.33	Osman, A.I., Lai, Z.Y., Farghali, M. and 7 more (...) (2023).Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production. Environmental Chemistry Letters,21(5) 2639-2705	https://www.scopus.com/record/display.uri?eid=2-s2.0-85163691782&origin=resultslist	10.1007/s10311-023-01613-2	2-s2.0-85163691782
Sustainable management of food waste; pre-treatment strategies, techno-economic assessment, bibliometric analysis, and potential utilizations: A systematic review	Elgarahy, A.M.| Eloffy, M.G.| Alengebawy, A.| El-Sherif, D.M.| Gaballah, M.S.| Elwakeel, K.Z.| El-Qelish, M.	2023	Environmental Research	40	3.83	Elgarahy, A.M., Eloffy, M.G., Alengebawy, A. and 4 more (...) (2023).Sustainable management of food waste; pre-treatment strategies, techno-economic assessment, bibliometric analysis, and potential utilizations: A systematic review. Environmental Research,225	https://www.scopus.com/record/display.uri?eid=2-s2.0-85149284328&origin=resultslist	10.1016/j.envres.2023.115558	2-s2.0-85149284328
Tuning cationic/anionic dyes sorption from aqueous solution onto green algal biomass for biohydrogen production	Elgarahy, A.M.| Maged, A.| Elwakeel, K.Z.| El-Gohary, F.| El-Qelish, M.	2023	Environmental Research	40	7.88	Elgarahy, A.M., Maged, A., Elwakeel, K.Z. and 2 more (...) (2023).Tuning cationic/anionic dyes sorption from aqueous solution onto green algal biomass for biohydrogen production. Environmental Research,216	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141223489&origin=resultslist	10.1016/j.envres.2022.114522	2-s2.0-85141223489
Oil spill clean-up using combined sorbents: a comparative investigation and design aspects	Tayeb, A.M.| Farouq, R.| Mohamed, O.A.| Tony, M.A.	2020	International Journal of Environmental Analytical Chemistry	40	2.12	Tayeb, A.M., Farouq, R., Mohamed, O.A. and 1 more (...) (2020).Oil spill clean-up using combined sorbents: a comparative investigation and design aspects. International Journal of Environmental Analytical Chemistry,100(3) 311-323	https://www.scopus.com/record/display.uri?eid=2-s2.0-85068573007&origin=resultslist	10.1080/03067319.2019.1636976	2-s2.0-85068573007

Use of biopolymers in wastewater treatment: A brief review of current trends and prospects	Elgarahy, A.M.| Eloffy, M.G.| Guibal, E.| Alghamdi, H.M.| Elwakeel, K.Z.	2023	Chinese Journal of Chemical Engineering	37	2.77	Elgarahy, A.M., Eloffy, M.G., Guibal, E. and 2 more (...) (2023).Use of biopolymers in wastewater treatment: A brief review of current trends and prospects. Chinese Journal of Chemical Engineering,64292-320	https://www.scopus.com/record/display.uri?eid=2-s2.0-85176979694&origin=resultslist	10.1016/j.cjche.2023.05.018	2-s2.0-85176979694
Biomass-to-sustainable biohydrogen: Insights into the production routes, and technical challenges	Eloffy, M.G.| Elgarahy, A.M.| Saber, A.N.| Hammad, A.| El-Sherif, D.M.| Shehata, M.| Mohsen, A.| Elwakeel, K.Z.	2022	Chemical Engineering Journal Advances	34	1.06	Eloffy, M.G., Elgarahy, A.M., Saber, A.N. and 5 more (...) (2022).Biomass-to-sustainable biohydrogen: Insights into the production routes, and technical challenges. Chemical Engineering Journal Advances,12	https://www.scopus.com/record/display.uri?eid=2-s2.0-85139373351&origin=resultslist	10.1016/j.ceja.2022.100410	2-s2.0-85139373351
Geopolymers as sustainable eco-friendly materials: Classification, synthesis routes, and applications in wastewater treatment	Elgarahy, A.M.| Maged, A.| Eloffy, M.G.| Zahran, M.| Kharbish, S.| Elwakeel, K.Z.| Bhatnagar, A.	2023	Separation and Purification Technology	31	2.55	Elgarahy, A.M., Maged, A., Eloffy, M.G. and 4 more (...) (2023).Geopolymers as sustainable eco-friendly materials: Classification, synthesis routes, and applications in wastewater treatment. Separation and Purification Technology,324	https://www.scopus.com/record/display.uri?eid=2-s2.0-85165602917&origin=resultslist	10.1016/j.seppur.2023.124631	2-s2.0-85165602917
Integration of active solar cooling technology into passively designed facade in hot climates	Noaman, D.S.| Moneer, S.A.| Megahed, N.A.| El-Ghafour, S.A.	2022	Journal of Building Engineering	27	3.29	Noaman, D.S., Moneer, S.A., Megahed, N.A. and 1 more (...) (2022).Integration of active solar cooling technology into passively designed facade in hot climates. Journal of Building Engineering,56	https://www.scopus.com/record/display.uri?eid=2-s2.0-85132359639&origin=resultslist	10.1016/j.jobe.2022.104658	2-s2.0-85132359639
Toward a national life cycle assessment tool: Generative design for early decision support	Hassan, S.R.| Megahed, N.A.| Abo Eleinen, O.M.| Hassan, A.M.	2022	Energy and Buildings	27	2.86	Hassan, S.R., Megahed, N.A., Abo Eleinen, O.M. and 1 more (...) (2022).Toward a national life cycle assessment tool: Generative design for early decision support. Energy and Buildings,267	https://www.scopus.com/record/display.uri?eid=2-s2.0-85129872803&origin=resultslist	10.1016/j.enbuild.2022.112144	2-s2.0-85129872803
Green stability indicating organic solvent-free hplc determination of remdesivir in substances and pharmaceutical dosage forms	Ibrahim, A.E.| El Deeb, S.| Abdelhalim, E.M.| Al-Harrasi, A.| Sayed, R.A.	2021	Separations	26	1.44	Ibrahim, A.E., El Deeb, S., Abdelhalim, E.M. and 2 more (...) (2021).Green stability indicating organic solvent-free hplc determination of remdesivir in substances and pharmaceutical dosage forms. Separations,8(12)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85121331730&origin=resultslist	10.3390/separations8120243	2-s2.0-85121331730

Development and validation of eco-friendly micellar-HPLC and HPTLC-densitometry methods for the simultaneous determination of paritaprevir, ritonavir and ombitasvir in pharmaceutical dosage forms	Ibrahim, A.E.| Saraya, R.E.| Saleh, H.| Elhenawee, M.	2019	Heliyon	26	0.8	Ibrahim, A.E., Saraya, R.E., Saleh, H. and 1 more (...) (2019).Development and validation of eco-friendly micellar-HPLC and HPTLC-densitometry methods for the simultaneous determination of paritaprevir, ritonavir and ombitasvir in pharmaceutical dosage forms. Heliyon,5(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85064383078&origin=resultslist	10.1016/j.heliyon.2019.e01518	2-s2.0-85064383078
Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	Selim, T.| Eltarabily, M.G.	2022	Ain Shams Engineering Journal	18	2.52	Selim, T., Eltarabily, M.G. (2022).Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials. Ain Shams Engineering Journal,13(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85120801785&origin=resultslist	10.1016/j.asej.2021.11.018	2-s2.0-85120801785
Toward a circular economy: Investigating the effectiveness of different plastic waste management strategies: A comprehensive review	Elgarahy, A.M.| Priya, A.K.| Mostafa, H.Y.| Zaki, E.G.| Elsaeed, S.M.| Muruganandam, M.| Elwakeel, K.Z.	2023	Journal of Environmental Chemical Engineering	18	3.4	Elgarahy, A.M., Priya, A.K., Mostafa, H.Y. and 4 more (...) (2023).Toward a circular economy: Investigating the effectiveness of different plastic waste management strategies: A comprehensive review. Journal of Environmental Chemical Engineering,11(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85171831540&origin=resultslist	10.1016/j.jece.2023.110993	2-s2.0-85171831540
Single crystal, Hirshfeld surface and theoretical analysis of methyl 4-hydroxybenzoate, a common cosmetic, drug and food preservative-Experiment versus theory	Sharfalddin, A.| Davaasuren, B.| Emwas, A.-H.| Jaremko, M.| Jaremko, L.| Hussien, M.	2020	PLoS ONE	18	0.63	Sharfalddin, A., Davaasuren, B., Emwas, A.-H. and 3 more (...) (2020).Single crystal, Hirshfeld surface and theoretical analysis of methyl 4-hydroxybenzoate, a common cosmetic, drug and food preservative-Experiment versus theory. PLoS ONE,15(10)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85092675078&origin=resultslist	10.1371/journal.pone.0239200	2-s2.0-85092675078
Utilization of chemically modified coal fly ash as cost-effective adsorbent for removal of hazardous organic wastes	Eteba, A.| Bassyouni, M.| Saleh, M.	2023	International Journal of Environmental Science and Technology	17	3.59	Eteba, A., Bassyouni, M., Saleh, M. (2023).Utilization of chemically modified coal fly ash as cost-effective adsorbent for removal of hazardous organic wastes. International Journal of Environmental Science and Technology,20(7) 7589-7602	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136852051&origin=resultslist	10.1007/s13762-022-04457-5	2-s2.0-85136852051

On the assessment of thermo-mechanical degradability of multi-recycled ABS polymer for 3D printing applications	Charles, A.| Bassan, P.M.| Mueller, T.| Elkaseer, A.| Scholz, S.G.	2019	Smart Innovation, Systems and Technologies	16	2.08	Charles, A., Bassan, P.M., Mueller, T. and 2 more (...) (2019).On the assessment of thermo-mechanical degradability of multi-recycled ABS polymer for 3D printing applications. Smart Innovation, Systems and Technologies,155363-373	https://www.scopus.com/record/display.url?eid=2-s2.0-85069444498&origin=resultslist	10.1007/978-981-13-9271-9_30	2-s2.0-85069444498
Towards an adaptive design of quality, productivity and economic aspects when machining aisi 4340 steel with wiper inserts	Abbas, A.T.| Abubakr, M.| Elkaseer, A.| Rayes, M.M.E.| Mohammed, M.L.| Hegab, H.	2020	IEEE Access	15	1.07	Abbas, A.T., Abubakr, M., Elkaseer, A. and 3 more (...) (2020).Towards an adaptive design of quality, productivity and economic aspects when machining aisi 4340 steel with wiper inserts. IEEE Access,8159206-159219	https://www.scopus.com/record/display.url?eid=2-s2.0-85096424027&origin=resultslist	10.1109/ACCESS.2020.3020623	2-s2.0-85096424027
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	Abdelhalim, A.M.| Ibrahim, N.| Alomair, M.	2023	Sustainability (Switzerland)	11	2.46	Abdelhalim, A.M., Ibrahim, N., Alomair, M. (2023).The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability. Sustainability (Switzerland),15(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85159326871&origin=resultslist	10.3390/su15097052	2-s2.0-85159326871
Heuristic Approach for Net-Zero Energy Residential Buildings in Arid Region Using Dual Renewable Energy Sources	Ismaeil, E.M.H.| Sobaih, A.E.E.	2023	Buildings	11	2.59	Ismaeil, E.M.H., Sobaih, A.E.E. (2023).Heuristic Approach for Net-Zero Energy Residential Buildings in Arid Region Using Dual Renewable Energy Sources. Buildings,13(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85152701180&origin=resultslist	10.3390/buildings13030796	2-s2.0-85152701180
Correction to: Hydrogen production, storage, utilisation and environmental impacts: a review (Environmental Chemistry Letters, (2022), 20, 1, (153-188), 10.1007/s10311-021-01322-8)	Osman, A.I.| Mehta, N.| Elgarahy, A.M.| Hefny, M.| Al-Hinai, A.| Al-Muhtaseb, A.H.| Rooney, D.W.	2022	Environmental Chemistry Letters	10	17.12	Osman, A.I., Mehta, N., Elgarahy, A.M. and 4 more (...) (2022).Correction to: Hydrogen production, storage, utilisation and environmental impacts: a review (Environmental Chemistry Letters, (2022), 20, 1, (153-188), 10.1007/s10311-021-01322-8). Environmental Chemistry Letters,20(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85127429321&origin=resultslist	10.1007/s10311-022-01432-x	2-s2.0-85127429321

Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment	Kulikova, Y.| Klementev, S.| Sirotkin, A.| Mokrushin, I.| Bassyouni, M.| Elhenawy, Y.| El-Hadek, M.A.| Babich, O.	2023	Water (Switzerland)	10	2.8	Kulikova, Y., Klementev, S., Sirotkin, A. and 5 more (...) (2023).Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment. Water (Switzerland),15(9)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85159372607&origin=resultslist	10.3390/w15091681	2-s2.0-85159372607
Sustainable Building Optimization Model for Early-Stage Design	Elbeltagi, E.| Wefki, H.| Khallaf, R.	2023	Buildings	9	2.12	Elbeltagi, E., Wefki, H., Khallaf, R. (2023).Sustainable Building Optimization Model for Early-Stage Design. Buildings,13(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85146449235&origi	10.3390/buildings13010074	2-s2.0-85146449235
E-learning ecosystem metaphor: building sustainable education for the post-COVID-19 era	Megahed, N.A.| Ghoneim, E.M.	2022	International Journal of Learning Technology	9	1.89	Megahed, N.A., Ghoneim, E.M. (2022).E-learning ecosystem metaphor: building sustainable education for the post-COVID-19 era. International Journal of Learning Technology,17(2) 133-153	https://www.scopus.com/record/display.uri?eid=2-s2.0-85128591397&origin=resultslist	10.1504/ijlt.2022.125075	2-s2.0-85128591397
Waste Cooking Oil Management in Egypt: Production of Biodiesel-Development of Rapid Test Method	Mohamed, M.| Sherif, N.| Aboelazayem, O.| Elazab, H.A.| Gadalla, M.| Saha, B.	2022	Journal of Physics: Conference Series	8	7.7	Mohamed, M., Sherif, N., Aboelazayem, O. and 3 more (...) (2022).Waste Cooking Oil Management in Egypt: Production of Biodiesel-Development of Rapid Test Method. Journal of Physics: Conference Series,2305(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85137181697&origin=resultslist	10.1088/1742-6596/2305/1/012035	2-s2.0-85137181697
Enhancing Healing Environment and Sustainable Finishing Materials in Healthcare Buildings	Ismaeil, E.M.H.| Sobaih, A.E.E.	2022	Buildings	7	0.92	Ismaeil, E.M.H., Sobaih, A.E.E. (2022).Enhancing Healing Environment and Sustainable Finishing Materials in Healthcare Buildings. Buildings,12(10)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85140779319&origin=resultslist	10.3390/buildings12101676	2-s2.0-85140779319
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	Yakoub, W.A.| Eleinen, O.M.A.| Mahmoud, M.F.| Elrayies, G.M.	2021	International Journal of Sustainable Development and Planning	5	0.34	Yakoub, W.A., Eleinen, O.M.A., Mahmoud, M.F. and 1 more (...) (2021).Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability. International Journal of Sustainable Development and Planning,16(2) 263-275	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105811517&origin=resultslist	10.18280/IJSDP.160206	2-s2.0-85105811517

Compressive strength of geopolymeric cubes produced from solid wastes of alum industry and drinking water treatment plants	Abdelmawla, M.| Abdelaal, A.| Beheary, M.S.| Abdullah, N.A.| Razek, T.M.A.	2019	Egyptian Journal of Chemistry	4	0.25	Abdelmawla, M., Abdelaal, A., Beheary, M.S. and 2 more (...) (2019).Compressive strength of geopolymeric cubes produced from solid wastes of alum industry and drinking water treatment plants. Egyptian Journal of Chemistry,62(12) 2331-2340	https://www.scopus.com/record/display.url?eid=2-s2.0-85077646146&origin=resultslist	10.21608/EJCHEM.2019.12745.1790	2-s2.0-85077646146
Laser ablation of cobalt-bound tungsten carbide and aluminium oxide ceramic: experimental investigation with ANN modelling and GA optimisation	Elkaseer, A.| Lambarri, J.| Quintana, I.| Scholz, S.	2019	Smart Innovation, Systems and Technologies	3	0.78	Elkaseer, A., Lambarri, J., Quintana, I. and 1 more (...) (2019).Laser ablation of cobalt-bound tungsten carbide and aluminium oxide ceramic: experimental investigation with ANN modelling and GA optimisation. Smart Innovation, Systems and Technologies,13021-30	https://www.scopus.com/record/display.url?eid=2-s2.0-85059088065&origin=resultslist	10.1007/978-3-030-04290-5_3	2-s2.0-85059088065
High-Performance Glazing for Enhancing Sustainable Environment in Arid Region's Healthcare Projects	Ismaeil, E.M.H.| Sobaih, A.E.E.	2023	Buildings	2	0.47	Ismaeil, E.M.H., Sobaih, A.E.E. (2023).High-Performance Glazing for Enhancing Sustainable Environment in Arid Region's Healthcare Projects. Buildings,13(5)	https://www.scopus.com/record/display.url?eid=2-s2.0-85160662737&origin=resultslist	10.3390/buildings13051243	2-s2.0-85160662737
Efficient Geospatial Data Analysis Framework in Fog Environment	Saber, W.| Eisa, R.| Attia, R.	2022	IEEE Access	2	0.24	Saber, W., Eisa, R., Attia, R. (2022).Efficient Geospatial Data Analysis Framework in Fog Environment. IEEE Access,10133591-133600	https://www.scopus.com/record/display.url?eid=2-s2.0-85146218057&origi	10.1109/ACCESS.2022.3231787	2-s2.0-85146218057
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	Leila, M.M.S.A.| ElBastawisy, M.M.	2022	Advances in Science, Technology and Innovation	2	2.55	Leila, M.M.S.A., ElBastawisy, M.M. (2022).Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study. Advances in Science, Technology and Innovation,199-212	https://www.scopus.com/record/display.url?eid=2-s2.0-85126486905&origin=resultslist	10.1007/978-3-030-74482-3_16	2-s2.0-85126486905
Evaluating BIPV Façades in a Building Envelope in Hot Districts for Enhancing Sustainable Ranking: A Saudi Arabian Perspective	Ismaeil, E.M.H.| Sobaih, A.E.E.	2023	Buildings	2	0.47	Ismaeil, E.M.H., Sobaih, A.E.E. (2023).Evaluating BIPV Façades in a Building Envelope in Hot Districts for Enhancing Sustainable Ranking: A Saudi Arabian Perspective. Buildings,13(5)	https://www.scopus.com/record/display.url?eid=2-s2.0-85160610723&origin=resultslist	10.3390/buildings13051110	2-s2.0-85160610723

Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	Hamdy, W.| Darwish, A.| Hassanien, A.E.	2021	Studies in Systems, Decision and Control	1	0.41	Hamdy, W., Darwish, A., Hassanien, A.E. (2021).Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges. Studies in Systems, Decision and Control,36981-91	https://www.scopus.com/record/display.url?eid=2-s2.0-85106062039&origin=resultslist	10.1007/978-3-030-72933-2_5	2-s2.0-85106062039
Green NiFe2O4nano-sorbent construction via Foeniculum vulgare extract for efficient barium ions removal	Elamin, N.Y.| El-Fattah, W.A.| Modwi, A.	2023	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	1	0.28	Elamin, N.Y., El-Fattah, W.A., Modwi, A. (2023).Green NiFe2O4nano-sorbent construction via Foeniculum vulgare extract for efficient barium ions removal. Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences,78(9) 851-862	https://www.scopus.com/record/display.url?eid=2-s2.0-85166195002&origin=resultslist	10.1515/zna-2023-0094	2-s2.0-85166195002
EXPERIMENTAL AND STATIC SIMULATION STUDY FOR ENHANCING WASTEWATER TREATMENT BY ELECTROCOAGULATION USING MAGNETIC FIELDS	Mahrouqi, J.A.| Meqbali, N.A.| Mahmoud, M.S.| Barakat, N.A.M.| Farrag, T.E.| Abdel-Aty, M.M.	2023	Environmental Engineering and Management Journal	0	0	Mahrouqi, J.A., Meqbali, N.A., Mahmoud, M.S. and 3 more (...) (2023).EXPERIMENTAL AND STATIC SIMULATION STUDY FOR ENHANCING WASTEWATER TREATMENT BY ELECTROCOAGULATION USING MAGNETIC FIELDS. Environmental Engineering and Management Journal,22(12) 2003-2018	https://www.scopus.com/record/display.url?eid=2-s2.0-85185327759&origin=resultslist	10.30638/eemj.2023.173	2-s2.0-85185327759
Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder	Nasser, A.| Hosny, N.M.| Moalla, S.M.N.| Hassan, N.	2023	Egyptian Journal of Chemistry	0	0	Nasser, A., Hosny, N.M., Moalla, S.M.N. and 1 more (...) (2023).Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder. Egyptian Journal of Chemistry,66(11) 63-75	https://www.scopus.com/record/display.url?eid=2-s2.0-85177297487&origin=resultslist	10.21608/EJCHEM.2022.149316.6449	2-s2.0-85177297487
Oleaginous fungi as a sustainable source for biodiesel production: Current and future prospect	Moharam, A.I.| Beheary, M.S.| Salama, A.M.| Abdel-Azeem, A.M.	2023	Microbial Biosystems	0	0	Moharam, A.I., Beheary, M.S., Salama, A.M. and 1 more (...) (2023).Oleaginous fungi as a sustainable source for biodiesel production: Current and future prospect. Microbial Biosystems,8(1) 18-25	https://www.scopus.com/record/display.url?eid=2-s2.0-85167091247&origin=resultslist	10.21608/MB.2023.305659	2-s2.0-85167091247

WASTE REDUCTION IN PIPE INDUSTRY THROUGH LEAN SIX SIGMA IMPLEMENTATION	Saleh, B.R.| El-Hadek, M.| Kouta, H.	2023	Journal of Solid Waste Technology and Management	0	0	Saleh, B.R., El-Hadek, M., Kouta, H. (2023).WASTE REDUCTION IN PIPE INDUSTRY THROUGH LEAN SIX SIGMA IMPLEMENTATION. Journal of Solid Waste Technology and Management,49(4) 408-421	https://www.scopus.com/record/display.uri?eid=2-s2.0-85183658475&origin=resultslist	10.5276/jswtm/iswmaw/494/2023.408	2-s2.0-85183658475
Microbial Remediation of some Heavy Metals in Wastewaters of Lake Manzala, Egypt	Abd El-Kader, A.I.| Zaky, M.| El-Serafy, M.A.	2022	Egyptian Journal of Aquatic Biology and Fisheries	0	0	Abd El-Kader, A.I., Zaky, M., El-Serafy, M.A. (2022).Microbial Remediation of some Heavy Metals in Wastewaters of Lake Manzala, Egypt. Egyptian Journal of Aquatic Biology and Fisheries,26(5) 483-493	https://www.scopus.com/record/display.uri?eid=2-s2.0-85139149477&origin=resultslist	10.21608/ejabf.2022.262658	2-s2.0-85139149477