



Publications at Port Said University SDG 13



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								
55 publications									
Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	Reference	Abstract	DOI	EID
Recent advances in carbon capture storage and utilisation technologies: a review	Osman, A.I. Hefny, M. Abdel Maksoud, M.I.A. Elgarahy, A.M. Rooney, D.W.	2021	Environmental Chemistry Letters	481	6.96	Osman, A.I., Hefny, M., Abdel Maksoud, M.I.A. and 2 more (...) (2021).Recent advances in carbon capture storage and utilisation technologies: a review. Environmental Chemistry Letters,19(2) 797-849	https://www.scopus.com/recor d/display.uri?eid=2-s2.0-85096378435&origin=resultslist	10.1007/s10311-020-01133-3	2-s2.0-85096378435
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/recor d/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/recor d/display.uri?eid=2-s2.0-85111111734&origin=resultslist	10.1007/s10311-021-01273-0	2-s2.0-85111111734

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.uri?eid=2-s2.0-85129487821&origin=resultslist	10.1007/s10311-022-01424-x	2-s2.0-85129487821
Algal biofuels: Current status and key challenges	Saad, M.G. Dosoky, N.S. Zoromba, M.S. Shafik, H.M.	2019	Energies	152	7.27	Saad, M.G., Dosoky, N.S., Zoromba, M.S. and 1 more (...) (2019).Algal biofuels: Current status and key challenges. Energies,12(10)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85066743824&origin=resultslist	10.3390/en12101920	2-s2.0-85066743824
Performance of PV panel coupled with geothermal air cooling system subjected to hot climatic	Elminshawy, N.A.S. Mohamed, A.M.I. Morad, K. Elhenawy, Y. Alrobaian, A.A.	2019	Applied Thermal Engineering	117	6.15	Elminshawy, N.A.S., Mohamed, A.M.I., Morad, K. and 2 more (...) (2019).Performance of PV panel coupled with geothermal air cooling system subjected to hot climatic. Applied Thermal Engineering,1481-9	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056225988&origin=resultslist	10.1016/j.applthermaleng.2018.11.027	2-s2.0-85056225988
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.uri?eid=2-s2.0-85148615526&origin=resultslist	10.1007/s10311-023-01573-7	2-s2.0-85148615526
Optimum Modified Fractional Order Controller for Future Electric Vehicles and Renewable Energy-Based Interconnected Power Systems	Ahmed, E.M. Mohamed, E.A. Elmelegi, A. Aly, M. Elbaksawi, O.	2021	IEEE Access	66	5.26	Ahmed, E.M., Mohamed, E.A., Elmelegi, A. and 2 more (...) (2021).Optimum Modified Fractional Order Controller for Future Electric Vehicles and Renewable Energy-Based Interconnected Power Systems. IEEE Access,929993-30010	https://www.scopus.com/record/display.uri?eid=2-s2.0-85100835050&origin=resultslist	10.1109/ACCESS.2021.3058521	2-s2.0-85100835050

Facies analysis and sequence-stratigraphic control on reservoir architecture: Example from mixed carbonate/siliciclastic sediments of Raha Formation, Gulf of Suez, Egypt	Shehata, A.A. Kassem, A.A. Brooks, H.L. Zuchuat, V. Radwan, A.E.	2021	Marine and Petroleum Geology	62	6.72	Shehata, A.A., Kassem, A.A., Brooks, H.L. and 2 more (...) (2021).Facies analysis and sequence-stratigraphic control on reservoir architecture: Example from mixed carbonate/siliciclastic sediments of Raha Formation, Gulf of Suez, Egypt. Marine and Petroleum Geology,131	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108308043&origin=resultslist	10.1016/j.marpetgeo.2021.105160	2-s2.0-85108308043
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.uri?eid=2-s2.0-85138060052&origin=resultslist	10.1021/acssuschemeng.2c04095	2-s2.0-85138060052
Experimental and simulation study of multichannel air gap membrane distillation process with two types of solar collectors	Marni Sandid, A. Bassyouni, M. Nehari, D. Elhenawy, Y.	2021	Energy Conversion and Management	50	3.47	Marni Sandid, A., Bassyouni, M., Nehari, D. and 1 more (...) (2021).Experimental and simulation study of multichannel air gap membrane distillation process with two types of solar collectors. Energy Conversion and Management,243	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108903443&origin=resultslist	10.1016/j.enconman.2021.114431	2-s2.0-85108903443
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
Experimental investigation of a V-trough PV concentrator integrated with a buried water heat exchanger cooling system	Elminshawy, N.A.S. El-Ghandour, M. Elhenawy, Y. Bassyouni, M. El-Damhogi, D.G. Addas, M.F.	2019	Solar Energy	42	1.33	Elminshawy, N.A.S., El-Ghandour, M., Elhenawy, Y. and 3 more (...) (2019).Experimental investigation of a V-trough PV concentrator integrated with a buried water heat exchanger cooling system. Solar Energy,193706-714	https://www.scopus.com/record/display.uri?eid=2-s2.0-85073241903&origin=resultslist	10.1016/j.solener.2019.10.013	2-s2.0-85073241903

Antioxidant enzymatic activity and osmotic adjustment as components of the drought tolerance mechanism in carex duriuscula	Hou, P. Wang, F. Luo, B. Li, A. Wang, C. Shabala, L. Ahmed, H.A.I. Deng, S. Zhang, H. Song, P. Zhang, Y. Shabala, S. Chen, L.	2021	Plants	41	4.26	Hou, P., Wang, F., Luo, B. and 10 more (...) (2021).Antioxidant enzymatic activity and osmotic adjustment as components of the drought tolerance mechanism in carex duriuscula. Plants,10(3) 1-20	https://www.scopus.com/record/display.uri?eid=2-s2.0-85101329536&origin=resultslist	10.3390/plants10030436	2-s2.0-85101329536
Simulation and experimental performance analysis of partially floating PV system in windy conditions	Elminshawy, N.A.S. Osama, A. El-Damhogi, D.G. Oterkus, E. Mohamed, A.M.I.	2021	Solar Energy	40	1.99	Elminshawy, N.A.S., Osama, A., El-Damhogi, D.G. and 2 more (...) (2021).Simulation and experimental performance analysis of partially floating PV system in windy conditions. Solar Energy,2301106-1121	https://www.scopus.com/record/display.uri?eid=2-s2.0-85119325714&origin=resultslist	10.1016/j.solener.2021.11.020	2-s2.0-85119325714
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
Recent Advances in Biomass Pyrolysis Processes for Bioenergy Production: Optimization of Operating Conditions	Aboelela, D. Saleh, H. Attia, A.M. Elhenawy, Y. Majozi, T. Bassyouni, M.	2023	Sustainability (Switzerland)	32	2.97	Aboelela, D., Saleh, H., Attia, A.M. and 3 more (...) (2023).Recent Advances in Biomass Pyrolysis Processes for Bioenergy Production: Optimization of Operating Conditions. Sustainability (Switzerland),15(14)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85166594381&origin=resultslist	10.3390/su151411238	2-s2.0-85166594381
Performance enhancement of a hybrid multi effect evaporation/membrane distillation system driven by solar energy for desalination	Elhenawy, Y. Moustafa, G.H. Attia, A.M. Mansi, A.E. Majozi, T. Bassyouni, M.	2022	Journal of Environmental Chemical Engineering	30	2.91	Elhenawy, Y., Moustafa, G.H., Attia, A.M. and 3 more (...) (2022).Performance enhancement of a hybrid multi effect evaporation/membrane distillation system driven by solar energy for desalination. Journal of Environmental Chemical Engineering,10(6)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141848777&origin=resultslist	10.1016/j.jece.2022.108855	2-s2.0-85141848777
Hydrogen production from wastewater, storage, economy, governance and applications: a review	Elgarahy, A.M. Eloffy, M.G. Hammad, A. Saber, A.N. El-Sherif, D.M. Mohsen, A. Abouzid, M. Elwakeel, K.Z.	2022	Environmental Chemistry Letters	30	0.74	Elgarahy, A.M., Eloffy, M.G., Hammad, A. and 5 more (...) (2022).Hydrogen production from wastewater, storage, economy, governance and applications: a review. Environmental Chemistry Letters,20(6) 3453-3504	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136583562&origin=resultslist	10.1007/s10311-022-01480-3	2-s2.0-85136583562

Performance and potential of a novel floating photovoltaic system in Egyptian winter climate on calm water surface	Elminshawy, N.A.S. Mohamed, A.M.I. Osama, A. Amin, I. Bassam, A.M. Oterkus, E.	2022	International Journal of Hydrogen Energy	24	2.24	Elminshawy, N.A.S., Mohamed, A.M.I., Osama, A. and 3 more (...) (2022).Performance and potential of a novel floating photovoltaic system in Egyptian winter climate on calm water surface. International Journal of Hydrogen Energy,47(25) 12798-12814	https://www.scopus.com/record/display.uri?eid=2-s2.0-85125299548&origin=resultslist	10.1016/j.ijhydene.2022.02.034	2-s2.0-85125299548
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	Maged, A. El-Fattah, H.A. Kamel, R.M. Kharbish, S. Elgarahy, A.M.	2023	Environmental Monitoring and Assessment	20	3.57	Maged, A., El-Fattah, H.A., Kamel, R.M. and 2 more (...) (2023).A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook. Environmental Monitoring and Assessment,195(6)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85159769957&origin=resultslist	10.1007/s10661-023-11303-9	2-s2.0-85159769957
Exceeding Pinch limits by process configuration of an existing modern crude oil distillation unit – A case study from refining industry	Bayomie, O.S. Abdelaziz, O.Y. Gadalla, M.A.	2019	Journal of Cleaner Production	20	0.69	Bayomie, O.S., Abdelaziz, O.Y., Gadalla, M.A. (2019).Exceeding Pinch limits by process configuration of an existing modern crude oil distillation unit – A case study from refining industry. Journal of Cleaner Production,2311050-1058	https://www.scopus.com/record/display.uri?eid=2-s2.0-85066991686&origin=resultslist	10.1016/j.jclepro.2019.05.041	2-s2.0-85066991686
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	Shahda, M.M. Megahed, N.A.	2023	Architectural Engineering and Design Management	19	1.83	Shahda, M.M., Megahed, N.A. (2023).Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF). Architectural Engineering and Design Management,19(3) 283-304	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136915162&origin=resultslist	10.1080/17452007.2022.2109123	2-s2.0-85136915162
Modelling the impact of lining and covering irrigation canals on underlying groundwater stores in the Nile Delta, Egypt	Abd-Elaty, I. Pugliese, L. Bali, K.M. Grismer, M.E. Eltarabily, M.G.	2022	Hydrological Processes	19	2.66	Abd-Elaty, I., Pugliese, L., Bali, K.M. and 2 more (...) (2022).Modelling the impact of lining and covering irrigation canals on underlying groundwater stores in the Nile Delta, Egypt. Hydrological Processes,36(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85123711145&origin=resultslist	10.1002/hyp.14466	2-s2.0-85123711145
Analysis the economics of sustainable electricity by wind and its future perspective	Ahmed, A.S.	2019	Journal of Cleaner Production	19	0.94	Ahmed, A.S. (2019).Analysis the economics of sustainable electricity by wind and its future perspective. Journal of Cleaner Production,224729-738	https://www.scopus.com/record/display.uri?eid=2-s2.0-85063952248&origin=	10.1016/j.jclepro.2019.03.026	2-s2.0-85063952248

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
Photodeposition Conditions of Silver Cocatalyst on Titanium Oxide Photocatalyst Directing Product Selectivity in Photocatalytic Reduction of Carbon Dioxide with Water	Hammad, A. Anzai, A. Zhu, X. Yamamoto, A. Ootsuki, D. Yoshida, T. EL-Shazly, A. Elkady, M. Yoshida, H.	2020	Catalysis Letters	18	0.6	Hammad, A., Anzai, A., Zhu, X. and 6 more (...) (2020).Photodeposition Conditions of Silver Cocatalyst on Titanium Oxide Photocatalyst Directing Product Selectivity in Photocatalytic Reduction of Carbon Dioxide with Water. Catalysis Letters,150(4) 1081-1088	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075791148&origin=resultslist	10.1007/s10562-019-02997-z	2-s2.0-85075791148
Single-stage waste oil conversion into biodiesel via sonication over bio-based bifunctional catalyst: Optimization, preliminary techno-economic and environmental analysis	Naeem, M.M. Al-Sakkari, E.G. Boffito, D.C. Rene, E.R. Gadalla, M.A. Ashour, F.H.	2023	Fuel	16	3.01	Naeem, M.M., Al-Sakkari, E.G., Boffito, D.C. and 3 more (...) (2023).Single-stage waste oil conversion into biodiesel via sonication over bio-based bifunctional catalyst: Optimization, preliminary techno-economic and environmental analysis. Fuel,341	https://www.scopus.com/record/display.uri?eid=2-s2.0-85147594303&origin=resultslist	10.1016/j.fuel.2023.127587	2-s2.0-85147594303
GIS-based evaluation and statistical determination of groundwater geochemistry for potential irrigation use in El Moghra, Egypt	Eltarabily, M.G. Moghazy, H.E.M.	2021	Environmental Monitoring and Assessment	13	0.79	Eltarabily, M.G., Moghazy, H.E.M. (2021).GIS-based evaluation and statistical determination of groundwater geochemistry for potential irrigation use in El Moghra, Egypt. Environmental Monitoring and Assessment,193(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105058851&origin=resultslist	10.1007/s10661-021-09058-2	2-s2.0-85105058851
Experimental and numerical simulation of solar membrane distillation and humidification – dehumidification water desalination system	Elhenawy, Y. Bassyouni, M. Fouad, K. Sandid, A.M. Abu-Zeid, M.A.E.-R. Majozi, T.	2023	Renewable Energy	12	1.53	Elhenawy, Y., Bassyouni, M., Fouad, K. and 3 more (...) (2023).Experimental and numerical simulation of solar membrane distillation and humidification – dehumidification water desalination system. Renewable Energy,215	https://www.scopus.com/record/display.uri?eid=2-s2.0-85162152883&origin=resultslist	10.1016/j.renene.2023.118915	2-s2.0-85162152883

Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	Sherif, N. Gadalla, M. Kamel, D.	2021	South African Journal of Chemical Engineering	10	0.74	Sherif, N., Gadalla, M., Kamel, D. (2021).Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation. South African Journal of Chemical Engineering,3834-40	https://www.scopus.com/recor d/display.uri?eid=2-s2.0-85112302496&origin=resultslist	10.1016/j.sajce.2021.08.002	2-s2.0-85112302496
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/recor d/display.uri?eid=2-s2.0-85146449235&origin=	10.3390/buildings13010074	2-s2.0-85146449235
Hybrid Floating Power Station driven by Renewable Energy for Saudi Arabia Coastal Areas	Eshra, N.M. Amin, I.	2020	2nd International Conference on Electrical, Communication and Computer Engineering.	8	1.25	Eshra, N.M., Amin, I. (2020).Hybrid Floating Power Station driven by Renewable Energy for Saudi Arabia Coastal Areas. 2nd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2020,	https://www.scopus.com/recor d/display.uri?eid=2-s2.0-85091905888&origin=resultslist	10.1109/ICECCE49384.2020.9179476	2-s2.0-85091905888
Investigating Climate Change Effects on Evapotranspiration and Groundwater Recharge of the Nile Delta Aquifer, Egypt	Eltarabily, M.G. Abd-Elaty, I. Elbeltagi, A. Zeleňáková, M. Fathy, I.	2023	Water (Switzerland)	6	1.68	Eltarabily, M.G., Abd-Elaty, I., Elbeltagi, A. and 2 more (...) (2023).Investigating Climate Change Effects on Evapotranspiration and Groundwater Recharge of the Nile Delta Aquifer, Egypt. Water (Switzerland),15(3)	https://www.scopus.com/recor d/display.uri?eid=2-s2.0-85147844985&origin=resultslist	10.3390/w15030572	2-s2.0-85147844985
Improvement of Selected Morphological, Physiological, and Biochemical Parameters of Banana (Musa acuminata L.) Using Potassium Silicate under Drought Stress Condition Grown in vitro	Aziz, H.A. Sharaf, M. Omar, M. El-Yazied, A.A. Aljwaizea, N.I. Ismail, S. Omar, M.M.A. Alharbi, K. Elkelish, A. Tawfik, M.	2023	Phyton-International Journal of Experimental Botany	9	1.59	Aziz, H.A., Sharaf, M., Omar, M. and 7 more (...) (2023).Improvement of Selected Morphological, Physiological, and Biochemical Parameters of Banana (Musa acuminata L.) Using Potassium Silicate under Drought Stress Condition Grown in vitro. Phytton-International Journal of Experimental Botany,92(4) 1019-1036	https://www.scopus.com/recor d/display.uri?eid=2-s2.0-85146249647&origin=resultslist	10.32604/phyton.2023.026769	2-s2.0-85146249647

Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	Gamal, A. Eleinen, O.A. Eltarabily, S. Elgheznawy, D.	2023	Frontiers of Architectural Research	5	1.44	Gamal, A., Eleinen, O.A., Eltarabily, S. and 1 more (...) (2023).Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS). Frontiers of Architectural Research,12(6) 1260-1284	https://www.scopus.com/record/display.uri?eid=2-s2.0-85177549941&origin=resultslist	10.1016/j.foar.2023.09.003	2-s2.0-85177549941
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	Hassan, A.M. Megahed, N.A.	2022	Architecture and Engineering	5	0.65	Hassan, A.M., Megahed, N.A. (2022).IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS. Architecture and Engineering,7(4) 17-35	https://www.scopus.com/record/display.uri?eid=2-s2.0-85146698821&origin=resultslist	10.23968/2500-0055-2022-7-4-17-25	2-s2.0-85146698821
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	Hassan, A.M.	2023	Buildings	5	0.47	Hassan, A.M. (2023).Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters. Buildings,13(11)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85178365158&origin=resultslist	10.3390/buildings13112796	2-s2.0-85178365158
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
Coral bleaching occurrence along the egyptian coast of the red sea during the summer heat stress period, 2020	Dosoky, M.Y.A. Ahmed, M.I. Madkour, F.F. Hanafy, M.H.	2021	Egyptian Journal of Aquatic Biology and Fisheries	4	0.46	Dosoky, M.Y.A., Ahmed, M.I., Madkour, F.F. and 1 more (...) (2021).Coral bleaching occurrence along the egyptian coast of the red sea during the summer heat stress period, 2020. Egyptian Journal of Aquatic Biology and Fisheries,25(5) 17-37	https://www.scopus.com/record/display.uri?eid=2-s2.0-85118377010&origin=resultslist	10.21608/ejafb.2021.196904	2-s2.0-85118377010

A simulation study of the effect of post-combustion amine-based carbon-capturing integrated with solar thermal collectors for combined cycle gas power plant	Ayyad, A. Abbas, A. Elminshawy, N.	2021	Discover Sustainability	4	0.3	Ayyad, A., Abbas, A., Elminshawy, N. (2021).A simulation study of the effect of post-combustion amine-based carbon-capturing integrated with solar thermal collectors for combined cycle gas power plant. Discover Sustainability,2(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85138793797&origin=resultslist	10.1007/s43621-021-00018-x	2-s2.0-85138793797
Improving Power Quality Problems of Isolated MG Based on ANN Under Different Operating Conditions Through PMS and ASSC Integration	Elmetwaly, A.H. Eldesouky, A.A. Fekry, H.M. Younis, R.A. Barnawi, A.B. Elbarbary, Z.M.S. Salem, A.A.	2023	IEEE Access	3	0.66	Elmetwaly, A.H., Eldesouky, A.A., Fekry, H.M. and 4 more (...) (2023).Improving Power Quality Problems of Isolated MG Based on ANN Under Different Operating Conditions Through PMS and ASSC Integration. IEEE Access,1199822-99835	https://www.scopus.com/record/display.uri?eid=2-s2.0-85169704544&origin=resultslist	10.1109/ACCESS.2023.3311369	2-s2.0-85169704544
Impacts of Constructing the Grand Ethiopian Renaissance Dam on the Nile River	Elsanabary, M.H. Ahmed, A.T.	2019	Handbook of Environmental Chemistry	3	0.53	Elsanabary, M.H., Ahmed, A.T. (2019).Impacts of Constructing the Grand Ethiopian Renaissance Dam on the Nile River. Handbook of Environmental Chemistry,7975-93	https://www.scopus.com/record/display.uri?eid=2-s2.0-85055656099&origin=resultslist	10.1007/698_2017_228	2-s2.0-85055656099
Ocean acidification impact on the grooved carpet shell clam (Ruditapes decussatus)	Awad, M.E. Shaltout, N.A. Madkour, F.F. Abu El-Regal, M.A. El-Sayed, H.S. El-Wazzan, E.	2019	Egyptian Journal of Aquatic Biology and Fisheries	3	0.11	Awad, M.E., Shaltout, N.A., Madkour, F.F. and 3 more (...) (2019).Ocean acidification impact on the grooved carpet shell clam (Ruditapes decussatus). Egyptian Journal of Aquatic Biology and Fisheries,23(5) 169-182	https://www.scopus.com/record/display.uri?eid=2-s2.0-85077980488&origin=resultslist	10.21608/ejafb.2019.63255	2-s2.0-85077980488
Effect of using nanoparticle-based diesel fuel on enhancement of performance and emissions of diesel engines	Gadalla, M.A. Mazen, O.M. Aboul-Fotouh, T.M. Ashour, F.H. Elazab, H.A.	2021	Nanoscience and Nanotechnology - Asia	2	0.16	Gadalla, M.A., Mazen, O.M., Aboul-Fotouh, T.M. and 2 more (...) (2021).Effect of using nanoparticle-based diesel fuel on enhancement of performance and emissions of diesel engines. Nanoscience and Nanotechnology - Asia,11(1) 104-118	https://www.scopus.com/record/display.uri?eid=2-s2.0-85102969105&origin=resultslist	10.2174/221068121066200219112202	2-s2.0-85102969105
Evaluation of Different Irrigation Treatments with Saline Water in a Future Climate in Tunisia	Selim, T. Karlsson, L. Bouksila, F. Ben Slimane, A. Persson, M.	2019	Irrigation and Drainage	2	0.1	Selim, T., Karlsson, L., Bouksila, F. and 2 more (...) (2019).Evaluation of Different Irrigation Treatments with Saline Water in a Future Climate in Tunisia. Irrigation and Drainage,68(2) 281-296	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056864759&origin=resultslist	10.1002/ird.2307	2-s2.0-85056864759

Gaseous fuel diffusion flame with low oxygen concentrations	Gad, H.M. Salman, A.M. Farag, T.M. Ibrahim, I.A.	2023	Results in Engineering	2	0.5	Gad, H.M., Salman, A.M., Farag, T.M. and 1 more (...) (2023).Gaseous fuel diffusion flame with low oxygen concentrations. Results in Engineering,19	https://www.scopus.com/record/display.uri?eid=2-s2.0-85167982011&origin=resultslist	10.1016/j.rineng.2023.101250	2-s2.0-85167982011
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.uri?eid=2-s2.0-85160610723&origin=resultslist	10.3390/buildings13051110	2-s2.0-85160610723
Identifying urban factors affecting resilience strategies to withstand sea-level rise in coastal cities: Case study of Port Said, Egypt	Nassar, U.A.E. El-Samaty, H.S. Waseef, A.A.E.	2019	International Journal of Environmental Sustainability	1	0.05	Nassar, U.A.E., El-Samaty, H.S., Waseef, A.A.E. (2019).Identifying urban factors affecting resilience strategies to withstand sea-level rise in coastal cities: Case study of Port Said, Egypt. International Journal of Environmental Sustainability,15(2) 35-53	https://www.scopus.com/record/display.uri?eid=2-s2.0-85079861775&origin=resultslist	10.18848/2325-1077/CGP/V15I02/2553	2-s2.0-85079861775
New Efficient Configurations for Sour Wastewater Treatment	Gadalla, M.A. Ghallab, A. Mansour, A.M. Ashour, F.H. Elazab, H.A.	2022	Recent Innovations in Chemical Engineering	0	0	Gadalla, M.A., Ghallab, A., Mansour, A.M. and 2 more (...) (2022).New Efficient Configurations for Sour Wastewater Treatment. Recent Innovations in Chemical Engineering,15(1) 14-30	https://www.scopus.com/record/display.uri?eid=2-s2.0-85134328327&origin=resultslist	10.2174/2405520415666211220123400	2-s2.0-85134328327
Better heat and power integration of an existing gas-oil plant in Egypt through revamping design and organic Rankine cycle	Gadalla, M. Elmasry, A. Alhajri, I. Ashour, F. Elazab, H.A.	2019	ECOS 2019 - Proceedings of the 32nd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of	0	0	Gadalla, M., Elmasry, A., Alhajri, I. and 2 more (...) (2019).Better heat and power integration of an existing gas-oil plant in Egypt through revamping design and organic Rankine cycle. ECOS 2019 - Proceedings of the 32nd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems,2019-3753-3764	https://www.scopus.com/record/display.uri?eid=2-s2.0-85083204569&origin=resultslist	-	2-s2.0-85083204569
CO2 Emission Mitigation in Container-Based Cloud Computing by the Power of Resource Management	Ashry, N. Attia, R. Nashaat, H. Rizk, R.	2023	Lecture Notes on Data Engineering and Communications Technologies	0	0	Ashry, N., Attia, R., Nashaat, H. and 1 more (...) (2023).CO2 Emission Mitigation in Container-Based Cloud Computing by the Power of Resource Management. Lecture Notes on Data Engineering and Communications Technologies,18497-111	https://www.scopus.com/record/display.uri?eid=2-s2.0-85172411788&origin=resultslist	10.1007/978-3-031-43247-7_9	2-s2.0-85172411788

