



Publications at Port Said University
SDG 8



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								
33 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/record/display.uri?eid=2-s2.0-85096378435&origin=resultslist	10.1007/s10311-020-01133-3	2-s2.0-85096378435
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

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.uri?eid=2-s2.0-85140375109&origin=resultslist	10.3389/fpls.2022.923880	2-s2.0-85140375109
Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	Elgarahy, A.M. Hammad, A. El-Sherif, D.M. Abouzid, M. Gaballah, M.S. Elwakeel, K.Z.	2021	Journal of Environmental Chemical Engineering	90	2.41	Elgarahy, A.M., Hammad, A., El-Sherif, D.M. and 3 more (...) (2021).Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review. Journal of Environmental Chemical Engineering,9(6)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85116900190&origin=resultslist	10.1016/j.jece.2021.106503	2-s2.0-85116900190
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
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	Elgarahy, A.M. Elwakeel, K.Z. Akhdhar, A. Hamza, M.F.	2021	Nanotechnology for Environmental Engineering	77	1.52	Elgarahy, A.M., Elwakeel, K.Z., Akhdhar, A. and 1 more (...) (2021).Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview. Nanotechnology for Environmental Engineering,6(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85101080018&origin=resultslist	10.1007/s41204-021-00104-5	2-s2.0-85101080018
Personal protective equipment (Ppe) use and its relation to accidents among construction workers	Sehsah, R. El-Gilany, A.-H. Ibrahim, A.M.	2020	Medicina del Lavoro	47	2.67	Sehsah, R., El-Gilany, A.-H., Ibrahim, A.M. (2020).Personal protective equipment (Ppe) use and its relation to accidents among construction workers. Medicina del Lavoro,111(4) 285-295	https://www.scopus.com/record/display.uri?eid=2-s2.0-85090103492&origin=resultslist	10.23749/mdl.v111i4.9398	2-s2.0-85090103492

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=resultlist	10.1007/s10311-023-01613-2	2-s2.0-85163691782
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	Abd Elraouf, R. Elmokadem, A. Megahed, N. Abo Eleinen, O. Eltarabily, S.	2022	Building and Environment	42	4.4	Abd Elraouf, R., Elmokadem, A., Megahed, N. and 2 more (...) (2022).The impact of urban geometry on outdoor thermal comfort in a hot-humid climate. Building and Environment,225	https://www.scopus.com/record/display.uri?eid=2-s2.0-85138992815&origin=resultslist	10.1016/j.buildenv.2022.109632	2-s2.0-8513899281
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
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	Ibrahim, A.E. Elmaaty, A.A. El-Sayed, H.M.	2021	Analytical and Bioanalytical Chemistry	26	1.72	Ibrahim, A.E., Elmaaty, A.A., El-Sayed, H.M. (2021).Determination of six drugs used for treatment of common cold by micellar liquid chromatography. Analytical and Bioanalytical Chemistry,413(20) 5051-5065	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108115504&origin=resultslist	10.1007/s00216-021-03469-3	2-s2.0-85108115504
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

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
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
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.uri?eid=2-s2.0-85159326871&origin=resultslist	10.3390/su15097052	2-s2.0-85159326871
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/record/display.uri?eid=2-s2.0-85112302496&origin=resultslist	10.1016/j.sajce.2021.08.002	2-s2.0-85112302496
Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	Farzamian, M. Bouksila, F. Paz, A.M. Santos, F.M. Zemni, N. Slama, F. Ben Slimane, A. Selim, T. Triantafyllis, J.	2023	Agricultural Water Management	10	2.8	Farzamian, M., Bouksila, F., Paz, A.M. and 6 more (...) (2023).Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia. Agricultural Water Management,284	https://www.scopus.com/record/display.uri?eid=2-s2.0-85162793850&origin=resultslist	10.1016/j.agwat.2023.108330	2-s2.0-85162793850

The Neurosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	Jdid, M. Alhabib, R. Khalid, H.E. Salama, A.A.	2022	International Journal of Neurosophic Science	9	2.45	Jdid, M., Alhabib, R., Khalid, H.E. and 1 more (...) (2022).The Neurosophic Treatment of the Static Model for the Inventory Management with Safety Reserve. International Journal of Neurosophic Science,18(2) 262-271	https://www.scopus.com/record/display.url?eid=2-s2.0-85128385538&origin=resultlist	10.54216/IJNS.180209	2-s2.0-85128385538
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	Rizk, R. Alameraw, M. Rawash, M.A. Juzsakova, T. Domokos, E. Hedfi, A. Almaki, M. Boufahja, F. Gabriel, P. Shafik, H.M. Rédey, Á.	2021	Saudi Journal of Biological Sciences	7	0.9	Rizk, R., Alameraw, M., Rawash, M.A. and 8 more (...) (2021).Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods. Saudi Journal of Biological Sciences,28(9) 5250-5260	https://www.scopus.com/record/display.url?eid=2-s2.0-85110234183&origin=resultlist	10.1016/j.sjbs.2021.05.039	2-s2.0-85110234183
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.url?eid=2-s2.0-85178365158&origin=resultlist	10.3390/buildings13112796	2-s2.0-85178365158
Proposed hybrid power system for short route ferries	Yehia, W. Kamar, L. Hassan, M.A. Moustafa, M.M.	2020	Nase More	4	0.15	Yehia, W., Kamar, L., Hassan, M.A. and 1 more (...) (2020).Proposed hybrid power system for short route ferries. Nase More,67(3) 226-231	https://www.scopus.com/record/display.url?eid=2-s2.0-85092172	10.17818/NM/2020/3.6	2-s2.0-85092172
Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of Solidago virgaurea Plant in Alkaline Soil	Youssef, S.M. Abdella, E.M.M. Al-Elwany, O.A. Alshallash, K.S. Alharbi, K. Ibrahim, M.T.S. Tawfik, M.M. Abu-Elsaoud, A.M. Elkelish, A.	2022	Life	3	0.48	Youssef, S.M., Abdella, E.M.M., Al-Elwany, O.A. and 6 more (...) (2022).Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of Solidago virgaurea Plant in Alkaline Soil. Life,12(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85138678284&origin=resultlist	10.3390/life12091405	2-s2.0-85138678284

Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	Sheta, M.H. El Kafrawy, S.B. Salama, A.M. Beheary, M.S. Zaghloul, E.-S.A.	2023	Modeling Earth Systems and Environment	2	0.65	Sheta, M.H., El Kafrawy, S.B., Salama, A.M. and 2 more (...) (2023).Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt. Modeling Earth Systems and Environment,9(2) 1923-1936	https://www.scopus.com/record/display.url?eid=2-s2.0-85142293099&origin=resultslist	10.1007/s40808-022-01599-w	2-s2.0-85142293099
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.url?eid=2-s2.0-85056864759&origin=resultslist	10.1002/ird.2307	2-s2.0-85056864759
Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant	Ibrahim, A.Y. Ashour, F.H. Gadalla, M.A. Abdelhaleem, A.	2023	Environmental Monitoring and Assessment	2	0.36	Ibrahim, A.Y., Ashour, F.H., Gadalla, M.A. and 1 more (...) (2023).Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant. Environmental Monitoring and Assessment,195(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85147319390&origin=resultslist	10.1007/s10661-023-10955-x	2-s2.0-85147319390
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	El-Bastawisy, M.M.	2023	Rendiconti Lincei	2	0.57	El-Bastawisy, M.M. (2023).Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt. Rendiconti Lincei,34(1) 93-110	https://www.scopus.com/record/display.url?eid=2-s2.0-85148298965&origin=resultslist	10.1007/s12210-023-01134-8	2-s2.0-85148298965
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.url?eid=2-s2.0-85134328327&origin=resultslist	10.2174/2405520415666211229123400	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 Energy Systems	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.url?eid=2-s2.0-85083204569&origin=resultslist	-	2-s2.0-85083204569

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.uri?eid=2-s2.0-85177297487&origin=resultslist	10.21608/EJCHE M.2022.149316.6449	2-s2.0-85177297487
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	Elhenawy, Y. Fouad, K. Bassyouni, M. Gadalla, M. Ashour, F. Majozi, T.	2023	European Biomass Conference and Exhibition Proceedings	0	0	Elhenawy, Y., Fouad, K., Bassyouni, M. and 3 more (...) (2023).THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS. European Biomass Conference and Exhibition Proceedings,954-958	https://www.scopus.com/record/display.uri?eid=2-s2.0-85174590069&origin=resultslist	-	2-s2.0-85174590069
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	Nassar, U.A.E. El-Samaty, H.S. Waseef, A.A.E.	2020	International Journal of Architectonic, Spatial, and Environmental Design	0	0	Nassar, U.A.E., El-Samaty, H.S., Waseef, A.A.E. (2020).Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities. International Journal of Architectonic, Spatial, and Environmental Design,14(1) 27-39	https://www.scopus.com/record/display.uri?eid=2-s2.0-85090551647&origin=resultslist	10.18848/2325-1662/CGP/V14I01/27-39	2-s2.0-85090551647
Process synthesis and simulation of furfural production from rice straw biowaste	Sherif, N. Kamel, D. Abdelaziz, O. Labib, M. Hulteberg, C. Ashour, F. Gadalla, M.	2019	ECOS 2019 - Proceedings of the 32nd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental	0	0	Sherif, N., Kamel, D., Abdelaziz, O. and 4 more (...) (2019).Process synthesis and simulation of furfural production from rice straw biowaste. ECOS 2019 - Proceedings of the 32nd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems,2019-4105-4113	https://www.scopus.com/record/display.uri?eid=2-s2.0-85083245694&origin=resultslist	-	2-s2.0-85083245694
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semi-arid Tunisia	Ben Slimane, A. Bouksila, F. Selim, T. Joumada, F.	2022	Advances in Science, Technology and Innovation	0	0	Ben Slimane, A., Bouksila, F., Selim, T. and 1 more (...) (2022).Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semi-arid Tunisia. Advances in Science, Technology and Innovation,(978-3-030-72546-4) 23-25	https://www.scopus.com/record/display.uri?eid=2-s2.0-85123612232&origin=resultslist	10.1007/978-3-030-72547-1_5	2-s2.0-85123612232

