



## Publications at Port Said University

### SDG 8

Data set	Publications at Port Said University
Year range	2020 to 2024
Subject classification	ASJC
Filtered by	not filtered
Types of publications included	All publication types
Self-citations	-
Data source	Scopus
Date last updated	29 October 2025
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51 publications	
Dates	Some publication dates might be an approximation. Read more in <a href="https://service.elsevier.com/app/answers/detail/a_id/35535/supporthub/scival/">https://service.elsevier.com/app/answers/detail/a_id/35535/supporthub/scival/</a>

Title	Authors	Number of Authors	Scopus Author Ids	Year	Full date	Scopus Source title	Language	Field-Weighted View Impact	Views
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.	5	55362658600   56037605200   57202917751   57192696143   7006139453	2021	2021-04-01	Environmental Chemistry Letters	English	8.39	786
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.	11	55362658600   57218328110   57209493826   57208340688   57192696143   57159463700   57202917751   57669430200   57667438500   57786310800   7006139453	2022	2022-08-01	Environmental Chemistry Letters	English	3.62	265
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.	15	57208166656   57212851735   59496305500   55561340300   55448653200   57211993558   57191583288   57730618700   56202714200   59061495800   36919192000   57127319800   57200033480   6701719967   12806366100	2022	2022-10-06	Frontiers in Plant Science	English	3.47	105
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.	14	55362658600   57209493826   23102939800   57192696143   58112306300   57188922811   56271854000   57214070738   57204148976   57222529755   55598507100   57218328110   36140024400   7006139453	2023	2023-06-01	Environmental Chemistry Letters	English	1.91	111
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.	10	55362658600   58139577400   57209493826   56223568100   57192696143   57200181654   23102939800   36682023300   7006139453   36140024400	2023	2023-10-01	Environmental Chemistry Letters	English	2.18	127
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.	6	57192696143   57200181654   57307212500   57204445082   57221645534   9433357000	2021	2021-12-01	Journal of Environmental Chemical Engineering	English	2.73	140
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	Elgarahy, A.M.   Elwakeel, K.Z.   Akhdhar, A.   Hamza, M.F.	4	57192696143   9433357000   57211919684   36727582700	2021	2021-05-01	Nanotechnology for Environmental Engineering	English	1.28	90
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.	5	57480044900   57172933900   55941539500   57214334960   57218372332	2022	2022-11-01	Building and Environment	English	3.95	132
Personal protective equipment (Ppe) use and its relation to accidents among construction workers	Sehsah, R.   El-Gilany, A.-H.   Ibrahim, A.M.	3	56479345400   6505880533   57218703344	2020	2020-07-01	Medicina del Lavoro	English	3.86	160
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.	8	57192696143   55919580700   57200181654   54954871200   57307212500   57859732100   57204445082   9433357000	2022	2022-12-01	Environmental Chemistry Letters	English	1.5	110
Biosolids management and utilizations: A review	Elgarahy, A.M.   Eloffy, M.G.   Priya, A.K.   Yogeshwaran, V.   Yang, Z.   Elwakeel, K.Z.   Lopez-Maldonado, E.A.	7	57192696143   55919580700   57226315795   57207691505   57075306100   9433357000   56272726300	2024	2024-04-20	Journal of Cleaner Production	English	4.08	94
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	Ibrahim, A.E.   Elmaaty, A.A.   El-Sayed, H.M.	3	55323998700   57194398500   14825039400	2021	2021-08-01	Analytical and Bioanalytical Chemistry	English	2.23	59
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.   Kharbush, S.   Elgarahy, A.M.	5	57211217930   58265344500   7006762661   22134735200   57192696143	2023	2023-06-01	Environmental Monitoring and Assessment	English	1.33	39
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	Shahda, M.M.   Megahed, N.A.	2	57204561477   55941539500	2023	2023-01-01	Architectural Engineering and Design Management	English	1.27	130
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	Ramadan, O.M.E.   Alruwaili, M.M.   Alruwaili, A.N.   Elsehrawy, M.G.   Alanazi, S.	5	58734208000   57878069400   58136523500   57742510900   57411101000	2024	2024-12-01	BMC Nursing	English	4.05	65

The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	El-Gazar, H.E.   Shawer, M.   Alkubati, S.A.   Zoromba, M.A.	4	57226792915   58226327400   55308908100   57192239072	2024	2024-11-01	Journal of Nursing Scholarship	English	2.49	40
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.	9	56037477500   23968862800   57208888616   59157870000   57208499451   25632922300   37064416300   48662861300   6602930537	2023	2023-06-30	Agricultural Water Management	English	2.11	37
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.	2	48662861300   56990454800	2022	2022-06-01	Ain Shams Engineering Journal	English	3.83	97
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	Abdelhalim, A.M.   Ibrahim, N.   Alomair, M.	3	58029778400   57442436600   57850060200	2023	2023-05-01	Sustainability (Switzerland)	English	4.66	121
Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	Mukhtar, S.   Muhammad, S.   Alyousef, H.A.   Khan, W.   Shah, R.   El-Tantawy, S.A.	6	26635595600   57200603264   57209651907   59250298600   57206692659   36056062500	2024	2024-08-30	Heliyon	English	1.03	16
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	Eltarabily, M.G.   Elshaarawy, M.K.	2	56990454800   58557199500	2024	2024-01-01	Handbook of Environmental Chemistry	English	2.58	26
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	El-Gazar, H.E.   Abdelhafez, S.   Ali, A.M.   Shawer, M.   Alharbi, T.A.F.   Zoromba, M.A.	6	57226792915   58023946300   57200377291   58226327400   57193706862   57192239072	2024	2024-12-01	BMC Nursing	English	1.56	25
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	Jdid, M.   Alhabib, R.   Khalid, H.E.   Salama, A.A.	4	57353028500   57222384203   57220196657   57077921900	2022	2022-01-01	International Journal of Neutrosophic Science	English	3.27	37
Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	Sherif, N.   Gadalla, M.   Kamel, D.	3	57515968100   14048292400   55902257200	2021	2021-10-01	South African Journal of Chemical Engineering	English	2.39	69
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	Hassan, A.M.	1	5.72E+10	2023	2023-11-01	Buildings	English	0.67	43
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-Etwany, O.A.   Alshallash, K.S.   Alharbi, K.   Ibrahim, M.T.S.   Tawfik, M.M.   Abu-Elsaoud, A.M.   Elkesh, A.	9	57904100200   57904100300   57221226802   57194947084   57197814315   57207890289   57781859500   14832415500   56925312600	2022	2022-09-01	Life	English	1.12	15
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	Priya, A.K.   Alghamdi, H.M.   Kavinkumar, V.   Elwakeel, K.Z.   Elgarahy, A.M.	5	57226315795   58170757700   57222357766   9433357000   57192696143	2024	2024-12-01	International Journal of Biological Macromolecules	English	1.83	30
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.   Almalki, M.   Boufahja, F.   Gabriel, P.   Shafik, H.M.   Rédey, Á.	11	57216787602   57226028295   57210889140   56698422500   8982667400   9337452300   57207517913   9338213500   57226028857   6601950047   6701496521	2021	2021-09-01	Saudi Journal of Biological Sciences	English	1.14	25
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	Elgarahy, A.M.   Hammad, A.   Shehata, M.   Ayyad, A.   El-Qelish, M.   Elwakeel, K.Z.   Maged, A.	7	57192696143   57200181654   57916024800   58112306300   47360967500   9433357000   57211217930	2024	2024-04-01	Environmental Science and Pollution Research	English	2.3	73
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	Selim, T.   Moghazy, N.H.   Elsbah, R.   Elkiki, M.   Eltarabily, M.G.	5	48662861300   57212589844   57209028905   58180117000   56990454800	2024	2024-06-01	Environment, Development and Sustainability	English	1.99	60

Exploring critical barriers towards the uptake of renewable energy usage in Egypt	Elba, H.   Hegazy, H.   Zhang, J.   Mahdi, I.M.   Abdel Rashid, I.   Hassan, H.M.	6	59175481300   57214440300   55358453700   59772955100   57208552553   36157895000	2024	2024-07-01	Innovative Infrastructure Solutions	English	1.88	30
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.	4	57220990816   57788821500   14048292400   57194498826	2023	2023-03-01	Environmental Monitoring and Assessment	English	1.88	55
Forecasting the Climate Change through the Distributions of Solar Radiation and Maximum Temperature	El Genidy, M.M.   Hebeshy, E.A.   El-Desouky, B.S.   Gomaa, R.S.	4	55198913900   57201212759   6505749118   55658359100	2024	2024-01-01	Journal of Statistics Applications and Probability	English	0.76	15
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	Mohamed, M.-A.T.   Megahed, N.A.   Shahda, M.M.   Eltarabily, S.	4	59037508700   55941539500   57204561477   57218372332	2024	2024-06-15	Journal of Building Engineering	English	10.12	185
Proposed hybrid power system for short route ferries	Yehia, W.   Kamar, L.   Hassan, M.A.   Moustafa, M.M.	4	15125094200   14829144800   57193804344   23094747900	2020	2020-01-01	Nase More	English	0.36	13
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	Hassan, S.   Abo Eleinen, O.   Hassan, A.   Megahed, N.	4	57678804100   57214334960   57214328061   55941539500	2024	2024-01-01	Engineering, Construction and Architectural Management	English	1.34	32
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	Abd El Aal, A.K.   GabAllah, H.M.   Megahed, H.A.   Selim, M.K.   Hegab, M.A.   Fadl, M.E.   Rebouh, N.Y.   El-Bagoury, H.	8	57200676231   57881781400   57219341538   58213401300   57237670200   57203320165   57194940723   57222181349	2024	2024-12-01	Sustainability (Switzerland)	English	1.24	23
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	Elsakka, M.M.   Refaat, A.   Alzahrani, K.M.   Hee, J.L.   Ma, L.   Elhenawy, Y.   Majozi, T.   Yosry, A.G.   Amer, A.   Moustafa, G.H.   Ahmed, A.	11	57195454644   57207986070   57193703105   59320432300   56727012700   57194448020   55961235600   59360183400   57212308249   6603166380   57214309902	2024	2024-12-01	Energy	English	3.42	58
Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	Bali, K.M.   Putnam, D.   Wang, D.   Begna, S.   Holder, B.   Mohamed, A.Z.   Paloutzian, L.   Dahlke, H.E.   Eltarabily, M.G.	9	7004096197   7006343661   57203295606   6602263715   59230412600   57204035540   59230190900   16645385100   56990454800	2024	2024-12-01	Journal of Irrigation and Drainage Engineering	English	0.82	11
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	Makram, M.   Bassam, A.M.   Tawfik, A.A.   Yehia, W.	4	59143626000   56769619600   35345973100   15125094200	2024	2024-06-01	Journal of Marine Science and Application	English	1.27	17
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	El-Bastawisy, M.M.	1	5.75E+10	2023	2023-03-01	Rendiconti Lincei	English	3.73	62
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.	5	57972261300   55744848700   57214234912   6504203919   59797446800	2023	2023-06-01	Modeling Earth Systems and Environment	English	0.98	19
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	Mirdan, M.M.   Tolba, E.R.   Galal, E.M.   Abdellaha, S.	4	58562547300   56165823800   58215964000   59361070100	2024	2024-08-30	Journal of Maritime Research	English	1.84	15
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	Mohamed, M.-A.T.   Megahed, N.A.   Eltarabily, S.   Shahda, M.M.	4	59037508700   55941539500   57218372332   57204561477	2024	2024-03-01	Journal of Green Building	English	2.59	48
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.	3	57215085409   57215091733   57215093646	2020	2020-01-01	International Journal of Architectonic, Spatial, and Environmental Design	English	0.71	16
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.	4	59108438300   55893672800   6603425790   57196579595	2023	2023-11-01	Egyptian Journal of Chemistry	English	0.1	2
Thermal history of coral reefs along the Egyptian coast of the Red Sea	Hanafy, M.H.   Dosoky, M.Y.A.   Mohamed, A.R.	3	15831809700   57321068900   57189499624	2024	2024-01-01	Coral Reefs and Associated	English	0.52	3

						Marine Fauna around the Arabian Peninsula			
Inviting foreign direct investment for sports development projects in relation to economic development and development challenges	Mohamed, S.A.L.M.   Sayyd, S.M.K.   Ghreeb, M.S.M.	3	59374828600   57213192565   57247695400	2024	2024-01-01	Sport TK	English	0.44	6
New Efficient Configurations for Sour Wastewater Treatment	Gadalla, M.A.   Ghallab, A.   Mansour, A.M.   Ashour, F.H.   Elazab, H.A.	5	14048292400   16244766300   57806854500   57788821500   57197864132	2022	2022-02-01	Recent Innovations in Chemical Engineering	English	1.74	42
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semiarid Tunisia	Ben Slimane, A.   Bouksila, F.   Selim, T.   Jourmada, F.	4	37064416300   23968862800   48662861300   57429955900	2022	2022-01-01	Advances in Science, Technology and Innovation	English	0.96	18
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	Elhenawy, Y.   Fouad, K.   Bassyouni, M.   Gadalla, M.   Ashour, F.   Majozi, T.	6	57194448020   57217049298   57193261423   14048292400   57788821500   55961235600	2023	2023-01-01	European Biomass Conference and Exhibition Proceedings	English	5.66	61

Title	Citations	Field-Weighted Citation Impact	Field-Citation Average	Outputs in Top Citation Percentiles, per percentile	Field-Weighted Outputs in Top Citation Percentiles, per percentile	Main patent families	Policy citations	Reference
Recent advances in carbon capture storage and utilisation technologies: a review	642	6.91	71.64	1	2	1	6	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
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	352	5.6	62.81	1	3	1	0	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
Plant growth-promoting microorganisms as biocontrol	229	6.69	34.21	1	2	0	0	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

agents of plant diseases: Mechanisms, challenges and future perspectives								
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	137	3.44	39.82	1	6	0	0	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
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	126	3.16	39.82	1	7	0	0	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
Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	119	2.48	35.9	2	9	0	0	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)
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	90	1.51	53.15	2	18	0	0	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)
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	77	5.37	14.15	2	3	0	0	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
Personal protective equipment (Ppe) use and its relation to accidents among construction workers	74	2.67	10.86	4	8	0	2	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
Hydrogen production from wastewater, storage, economy, governance and	46	0.73	62.81	4	38	0	0	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

applications: a review								
Biosolids management and utilizations: A review	44	6.92	6.36	1	2	0	0	Elgarahy, A.M., Eloffy, M.G., Priya, A.K. and 4 more (...) (2024).Biosolids management and utilizations: A review. <i>Journal of Cleaner Production</i> ,451
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	30	1.73	15.06	11	15	0	0	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. <i>Analytical and Bioanalytical Chemistry</i> ,413(20) 5051-5065
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	30	2.71	11.06	4	8	0	0	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. <i>Environmental Monitoring and Assessment</i> ,195(6)
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	28	1.23	21.88	5	24	0	0	Shahda, M.M., Megahed, N.A. (2023).Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF). <i>Architectural Engineering and Design Management</i> ,19(3) 283-304
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	25	12.27	2.04	2	1	0	0	Ramadan, O.M.E., Alruwaili, M.M., Alruwaili, A.N. and 2 more (...) (2024).Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives. <i>BMC Nursing</i> ,23(1)
The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	24	11.78	2.04	2	1	0	0	El-Gazar, H.E., Shawer, M., Alkubati, S.A. and 1 more (...) (2024).The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study. <i>Journal of Nursing Scholarship</i> ,56(6) 780-789
Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	22	2.95	7.47	7	7	0	0	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. <i>Agricultural Water Management</i> ,284
Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	19	1.77	10.75	14	15	0	0	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. <i>Ain Shams Engineering Journal</i> ,13(4)

The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	19	2.05	9.27	8	13	0	0	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)
Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	16	3.16	5.06	4	7	0	0	Mukhtar, S., Muhammad, S., Alyousef, H.A. and 3 more (...) (2024).Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan. Heliyon,10(16)
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	16	13.87	1.15	4	1	0	0	Eltarabily, M.G., Elshaarawy, M.K. (2024).Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA. Handbook of Environmental Chemistry,12637-76
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	14	6.87	2.04	5	2	0	0	El-Gazar, H.E., Abdelhafez, S., Ali, A.M. and 3 more (...) (2024).Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study. BMC Nursing,23(1)
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	13	2.41	5.4	21	10	0	0	Jdid, M., Alhabib, R., Khalid, H.E. and 1 more (...) (2022).The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve. International Journal of Neutrosophic Science,18(2) 262-271
Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	13	0.8	13.83	27	35	0	0	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
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	13	0.54	24.27	14	46	0	0	Hassan, A.M. (2023).Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters. Buildings,13(11)
Integrative Application of Foliar Yeast Extract and Gibberellic Acid	11	1.17	9.41	24	25	0	0	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)



Improves Morpho-Physiological Responses and Nutrient Uptake of <i>Solidago virgaurea</i> Plant in Alkaline Soil								
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	10	0.9	11.08	8	31	0	0	Priya, A.K., Alghamdi, H.M., Kavinkumar, V. and 2 more (...) (2024).Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment. International Journal of Biological Macromolecules,282
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	9	0.85	8.23	36	33	0	0	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
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	8	0.55	14.49	11	42	0	0	Elgarahy, A.M., Hammad, A., Shehata, M. and 4 more (...) (2024).Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review. Environmental Science and Pollution Research,31(19) 27566-27608
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	7	1.41	4.25	13	21	0	0	Selim, T., Moghazy, N.H., Elasbah, R. and 2 more (...) (2024).Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt. Environment, Development and Sustainability,26(6) 14957-14979
Exploring critical barriers towards the uptake of renewable energy usage in Egypt	7	1.41	4.97	13	21	0	0	Elba, H., Hegazy, H., Zhang, J. and 3 more (...) (2024).Exploring critical barriers towards the uptake of renewable energy usage in Egypt. Innovative Infrastructure Solutions,9(7)
Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant	6	0.54	11.06	28	46	0	0	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)
Forecasting the Climate Change through the Distributions of Solar Radiation	5	1.95	2.57	18	15	0	0	El Genidy, M.M., Hebeshy, E.A., El-Desouky, B.S. and 1 more (...) (2024).Forecasting the Climate Change through the Distributions of Solar Radiation and Maximum Temperature. Journal of Statistics Applications and Probability,13(1) 239-260

and Maximum Temperature								
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	5	1.04	4.82	18	28	0	0	Mohamed, M.-A.T., Megahed, N.A., Shahda, M.M. and 1 more (...) (2024).Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate. Journal of Building Engineering,87
Proposed hybrid power system for short route ferries	5	0.15	13.12	52	69	0	0	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
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	5	1.16	4.32	18	25	0	0	Hassan, S., Abo Eleinen, O., Hassan, A. and 1 more (...) (2024).Life cycle assessment and generative design: development of a national LCA tool for exterior walls. Engineering, Construction and Architectural Management,
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	4	0.86	4.67	22	32	0	0	Abd El Aal, A.K., GabAllah, H.M., Megahed, H.A. and 5 more (...) (2024).Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques. Sustainability (Switzerland),16(24)
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	4	0.7	5.75	22	37	0	0	Elsakka, M.M., Refaat, A., Alzahrani, K.M. and 8 more (...) (2024).Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination. Energy,311
Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	4	1.22	3.27	22	24	0	0	Bali, K.M., Putnam, D., Wang, D. and 6 more (...) (2024).Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California. Journal of Irrigation and Drainage Engineering,150(6)
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	4	0.84	4.79	22	33	0	0	Makram, M., Bassam, A.M., Tawfik, A.A. and 1 more (...) (2024).Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port. Journal of Marine Science and Application,23(2) 506-524
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	3	0.4	7.44	43	53	0	0	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
Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	2	0.31	6.5	50	58	0	0	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

Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	1	1.2	0.83	45	25	0	0	Mirdan, M.M., Tolba, E.R., Galal, E.M. and 1 more (...) (2024).Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D. Journal of Maritime Research,21(2) 196-203
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	1	0.25	4.01	45	55	0	0	Mohamed, M.-A.T., Megahed, N.A., Eltarabily, S. and 1 more (...) (2024).SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING. Journal of Green Building,19(2) 163-192
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	1	0	2.98	73	78	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
Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder	0	0	10.58	73	73	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
Thermal history of coral reefs along the Egyptian coast of the Red Sea	0	0	0.69	62	61	0	0	Hanafy, M.H., Dosoky, M.Y.A., Mohamed, A.R. (2024).Thermal history of coral reefs along the Egyptian coast of the Red Sea. Coral Reefs and Associated Marine Fauna around the Arabian Peninsula,47-59
Inviting foreign direct investment for sports development projects in relation to economic development and development challenges	0	0	1.79	62	61	0	0	Mohamed, S.A.L.M., Sayyd, S.M.K., Ghreeb, M.S.M. (2024).Inviting foreign direct investment for sports development projects in relation to economic development and development challenges. Sport TK,13
New Efficient Configurations for Sour Wastewater Treatment	0	0	14.34	79	79	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
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semiarid Tunisia	0	0	1.18	79	79	0	0	Ben Slimane, A., Bouksila, F., Selim, T. and 1 more (...) (2022).Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semiarid Tunisia. Advances in Science, Technology and Innovation,(978-3-030-72546-4) 23-25
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING	0	0	1.08	73	73	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

SAWDUST SLOW PYROLYSIS							
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Title	Abstract	DOI	Publication type	Open Access	EID	PubMed ID	Institutions	Number of Institutions	Scopus Affiliation IDs
Recent advances in carbon capture storage and utilisation technologies: a review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85096378435&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85096378435&amp;origin=resultslist</a>	10.1007/s10311-020-01133-3	Review	Hybrid gold   Green	2-s2.0-85096378435	-	South Valley University   Egyptian Atomic Energy Authority   Swiss Federal Institute of Technology Zurich   Queen's University Belfast   Port Said University   Egyptian Propylene & Polypropylene Company	6	60029738   60025858   60018623   60018830   60009353   60012577   60092747   60274043   60108617
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85129487821&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85129487821&amp;origin=resultslist</a>	10.1007/s10311-022-01424-x	Review	Hybrid gold   Green	2-s2.0-85129487821	-	Obihiro University of Agriculture and Veterinary Medicine   University of Florida   Qatar University   Taiz University   Al-Azhar University   Egyptian Atomic Energy Authority   Queen's University Belfast   Port Said University   Egyptian Propylene & Polypropylene Company   Assiut University	10	60029738   60000402   60000617   60273147   60197146   60072749   60197145   60274043   60108617   60092747   60009353   60012577   60072795   60274955   60004871   128079878   60010177   60013959
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85140375109&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85140375109&amp;origin=resultslist</a>	10.3389/fpls.2022.923880	Review	Gold   Green	2-s2.0-85140375109	-	City for Scientific Research and Technology Applications   United Arab Emirates University   Al-Fayoum University   Umm Al-Qura University   Cairo University   Al Jouf University   Nanjing Normal University   Beni-Suef University   Zagazig University   Murdoch University   Port Said University   Hainan University	12	60274106   60003593   60274319   60243392   60010294   60007948   60218569   60017716   60273729   60032860   60020258   60027423   60273898   60274085   60108617   60104126   60006848   60008665   60019939
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85148615526&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85148615526&amp;origin=resultslist</a>	10.1007/s10311-023-01573-7	Review	Hybrid gold	2-s2.0-85148615526	-	Al-Imam Muhammad Ibn Saud Islamic University   Assiut University   Kobe University   University of Birmingham   Xi'an Jiaotong-Liverpool University   Alexandria University   Ming Chi University of Technology   Queen's University Belfast   Port Said University   Egyptian Propylene & Polypropylene Company   Agricultural Research Center, Giza	11	60029738   60011418   60000617   60273147   60092747   60108617   60274043   129212846   60019702   60078640   60033041   60004238   60005880   60019332   60274337   60102426
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85163691782&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85163691782&amp;origin=resultslist</a>	10.1007/s10311-023-01613-2	Review	Hybrid gold	2-s2.0-85163691782	-	King Saud University   Kobe University   Xi'an Jiaotong-Liverpool University   Universiti Malaysia Sarawak   Queen's University Belfast   Port Said University   Egyptian Propylene & Polypropylene Company   Assiut University	8	60029738   60024451   60011418   60273147   60000617   60092747   60108617   60274043   60274042   60013183   60102426

Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85116900190&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85116900190&amp;origin=resultslist</a>	10.1016/j.jece.2021.106503	Review		2-s2.0-85116900190	-	China Agricultural University   University of Jeddah   University of Medical Sciences Poznan   National Institute of Oceanography and Fisheries   Port Said University   Egyptian Propylene & Polypropylene Company	6	60092747   60274043   60274042   60030271   60069010   60013551   60108699
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85101080018&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85101080018&amp;origin=resultslist</a>	10.1007/s41204-021-00104-5	Review		2-s2.0-85101080018	-	Nuclear Materials Authority   University of Jeddah   Guangxi University   Port Said University   Egyptian Propylene & Polypropylene Company	5	60092747   60108699   60108617   60274043   60030270   60023876
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85138992815&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85138992815&amp;origin=resultslist</a>	10.1016/j.buildenv.2022.109632	Article		2-s2.0-85138992815	-	Port Said University	1	60274042
Personal protective equipment (Ppe) use and its relation to accidents among construction workers	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85090103492&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85090103492&amp;origin=resultslist</a>	10.23749/mdl.v11i4.9398	Article	Gold   Green	2-s2.0-85090103492	32869765	Mansoura University   Port Said University	2	60012022   60007226   60274075   60108617
Hydrogen production from wastewater, storage, economy, governance and applications: a review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85136583562&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85136583562&amp;origin=resultslist</a>	10.1007/s10311-022-01480-3	Review		2-s2.0-85136583562	-	University of Jeddah   University of Medical Sciences Poznan   National Institute of Oceanography and Fisheries   Port Said University   Egyptian Propylene & Polypropylene Company   Agricultural Research Center, Giza	6	60108617   60274043   60092747   60030271   60274042   60019332   60110414   114372907   60069010   60108699
Biosolids management and utilizations: A review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85189429822&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85189429822&amp;origin=resultslist</a>	10.1016/j.jclepro.2024.141974	Article		2-s2.0-85189429822	-	Universidad Autonoma de Baja California   University of Jeddah   Nanjing Normal University   National Institute of Oceanography and Fisheries   Port Said University   Egyptian Propylene & Polypropylene Company	6	60274043   60108617   60092747   60030271   60108640   60103989   60020258   60108699   60005618
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85108115504&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85108115504&amp;origin=resultslist</a>	10.1007/s00216-021-03469-3	Article		2-s2.0-85108115504	34142200	Zagazig University   Port Said University	2	60274067   60108617   60274319   60003593
A comprehensive review on sustainable clay-based geopolymers for	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85159769957&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85159769957&amp;origin=resultslist</a>	10.1007/s10661-023-11303-9	Article	Hybrid gold   Green	2-s2.0-85159769957	37204517	Suez University   Port Said University   Egyptian Propylene & Polypropylene Company	3	60274485   60104710   60092747   60274043   60108617

wastewater treatment: circular economy and future outlook									
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85136915162&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85136915162&amp;origin=resultslist</a>	10.1080/17452007.2022.2109123	Review		2-s2.0-85136915162	-	Port Said University	1	60274042   60108617
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85212439920&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85212439920&amp;origin=resultslist</a>	10.1186/s12912-024-02571-y	Article	Gold   Green	2-s2.0-85212439920	-	Prince Sattam Bin Abdulaziz University   Al Jouf University   Port Said University	3	60104126   60105222   60108617   60274075
The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85189956882&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85189956882&amp;origin=resultslist</a>	10.1111/jnu.12970	Article		2-s2.0-85189956882	38581146	Mansoura University   Prince Sattam Bin Abdulaziz University   Hodeidah University   Port Said University	4	60274075   60108617   129627219   60109522   60105222   60012022   60231642
Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85162793850&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85162793850&amp;origin=resultslist</a>	10.1016/j.agwat.2023.108330	Article	Gold	2-s2.0-85162793850	-	University of Carthage   University of Lisbon   Manaaki Whenua - Landcare Research   Université de Tunis El Manar   Port Said University	5	60105799   60106051   60002769   60034160   60070324   60060524   60045778   60108617   60274042   60017806
Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85120801785&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85120801785&amp;origin=resultslist</a>	10.1016/j.asej.2021.11.018	Article	Gold   Green	2-s2.0-85120801785	-	Port Said University	1	60274042   60108617
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85159326871&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85159326871&amp;origin=resultslist</a>	10.3390/su15097052	Article	Gold   Green	2-s2.0-85159326871	-	King Faisal University   Port Said University	2	60030736   60108617

Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85200642053&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85200642053&amp;origin=resultslist</a>	10.1016/j.heliyon.2024.e35182	Article	Gold   Green	2-s2.0-85200642053	-	Abdul Wali Khan University Mardan   King Faisal University   Lebanese American University   Princess Nourah Bint Abdulrahman University   Port Said University   Al Baha University	6	60030736   60107589   60105146   60068769   60274043   60108617   60104698
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85189164558&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85189164558&amp;origin=resultslist</a>	10.1007/998_2023_1051	Chapter		2-s2.0-85189164558	-	Horus University - Egypt   Port Said University   University of California at Davis	3	60014439   60108617   60274042   60275574
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85206211999&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85206211999&amp;origin=resultslist</a>	10.1186/s12912-024-02336-7	Article	Gold   Green	2-s2.0-85206211999	-	Prince Sattam Bin Abdulaziz University   Qassim University   Alexandria University   Port Said University   Sulaiman Al Rajhi University	5	60108617   60274075   60274388   60033041   112199152   129627219   60025518   60277871   60105222
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85128385538&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85128385538&amp;origin=resultslist</a>	10.54216/IJNS.180209	Article		2-s2.0-85128385538	-	Al-Baath University   University of Telafer   Port Said University	3	118709932   60072773   60109788   60274043   60108617
Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85112302496&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85112302496&amp;origin=resultslist</a>	10.1016/j.sajce.2021.08.002	Article	Gold	2-s2.0-85112302496	-	The British University in Egypt   Port Said University	2	60273423   60023356   60108617   60274042
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85178365158&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85178365158&amp;origin=resultslist</a>	10.3390/buildings13112796	Review	Gold	2-s2.0-85178365158	-	Buraydah Private Colleges   Port Said University	2	60274638   60274042   60108617
Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of Solidago	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85138678284&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85138678284&amp;origin=resultslist</a>	10.3390/life12091405	Article	Gold   Green	2-s2.0-85138678284	-	Ain Shams University   Al-Imam Muhammad Ibn Saud Islamic University   Al-Fayoum University   Suez Canal University   Princess Nourah Bint Abdulrahman University   Port Said University	6	60273898   60027423   60005880   60105146   60016618   60217062   60216969   60108617   60274043   60020322   60239261

virgaurea Plant in Alkaline Soil									
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85208553215&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85208553215&amp;origin=resultslist</a>	10.1016/j.ijbiomac.2024.136994	Review		2-s2.0-85208553215	39491712	University of Jeddah   Port Said University   Egyptian Propylene & Polypropylene Company	3	60108640   60108699   60274043   60108617   60092747
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85110234183&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85110234183&amp;origin=resultslist</a>	10.1016/j.sjbs.2021.05.039	Article	Hybrid gold   Green	2-s2.0-85110234183	-	University of Carthage   Hungarian University of Agriculture and Life Sciences   Alexandru Ioan Cuza University of Iași   Cairo University   University of Pannonia   Port Said University   Taif University	7	60024419   60010294   60105689   60026055   60091164   60091666   60070324   60014596   60274043   60108617
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85189877732&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85189877732&amp;origin=resultslist</a>	10.1007/s11356-024-32864-3	Review		2-s2.0-85189877732	38592635	Suez University   Johannes Kepler University Linz   University of Jeddah   National Research Center   Western University   Port Said University   Egyptian Propylene & Polypropylene Company	7	60108617   60274043   60092747   60274042   129212846   60010884   60014618   60108699   60104710   60274485   60021931
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85152286616&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85152286616&amp;origin=resultslist</a>	10.1007/s10668-023-03230-z	Article		2-s2.0-85152286616	-	Alexandria University   Port Said University   University of California at Davis	3	60108617   60274042   60008708   60033041   113650246   60014439
Exploring critical barriers towards the uptake of renewable energy usage in Egypt	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85196147339&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85196147339&amp;origin=resultslist</a>	10.1007/s41062-024-01578-3	Article		2-s2.0-85196147339	-	Ain Shams University   Purdue University   Future University in Egypt   Port Said University	4	60108617   60017406   60009254   60002744   60273396   60016618   60216991
Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85147319390&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85147319390&amp;origin=resultslist</a>	10.1007/s10661-023-10955-x	Article	Hybrid gold   Green	2-s2.0-85147319390	36732405	Egypt-Japan University of Science and Technology   The British University in Egypt   Cairo University   Port Said University	4	60010294   60274042   60108617   60023356   60273423   60117075   60273876
Forecasting the Climate Change through the Distributions of Solar Radiation	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85172794726&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85172794726&amp;origin=resultslist</a>	10.18576/jsap/130117	Article	Bronze	2-s2.0-85172794726	-	Mansoura University   Port Said University	2	60108617   60274043   60012078   60012022



and Maximum Temperature									
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85187960777&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85187960777&amp;origin=resultslist</a>	10.1016/j.jobe.2024.108924	Article		2-s2.0-8518796077	-	Port Said University	1	60274042  60108617
Proposed hybrid power system for short route ferries	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85092172651&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85092172651&amp;origin=resultslist</a>	10.17818/NM/2020/3.6	Article	Gold   Green	2-s2.0-85092172651	-	Port Said University	1	60274042  60108617
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85206392710&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85206392710&amp;origin=resultslist</a>	10.1108/ECAM-06-2024-0722	Article		2-s2.0-85206392710	-	Port Said University	1	60108617  60274042
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85213287919&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85213287919&amp;origin=resultslist</a>	10.3390/su162411139	Article	Gold	2-s2.0-85213287919	-	National Authority for Remote Sensing and Space Sciences   Cairo University   Najran University   People's Friendship University of Russia   Port Said University	5	60104674  60103684  60243135  60010294  60273984  60015024  60108617  60274079
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85205918489&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85205918489&amp;origin=resultslist</a>	10.1016/j.energy.2024.133296	Article		2-s2.0-85205918489	-	University of the Witwatersrand   Port Said University   University of Sheffield   Taif University	4	60108617  60274042  60001881  60091164  60079227  60016218
Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85205445984&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85205445984&amp;origin=resultslist</a>	10.1061/JIEDH.IRENG-10213	Article	Gold	2-s2.0-85205445984	-	United States Department of Agriculture   University of California Division of Agriculture and Natural Resources   Port Said University   University of California at Davis	4	60008493  60014439  60001989  60274042
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85194177973&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85194177973&amp;origin=resultslist</a>	10.1007/s11804-024-00423-4	Article		2-s2.0-85194177973	-	Port Said University	1	60274042  60108617

Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85148298965&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85148298965&amp;origin=resultslist</a>	10.1007/s12210-023-01134-8	Article		2-s2.0-85148298965	-	Umm Al-Qura University   Port Said University	2	60006848   60108617
Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85142293099&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85142293099&amp;origin=resultslist</a>	10.1007/s40808-022-01599-w	Article		2-s2.0-85142293099	-	National Authority for Remote Sensing and Space Sciences   Port Said University	2	60108617   60274043   60273981   60103684
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85205945637&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85205945637&amp;origin=resultslist</a>	-	Article		2-s2.0-85205945637	-	Port Said University	1	60108617   60274042
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85194381635&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85194381635&amp;origin=resultslist</a>	10.3992/igb.19.2.163	Article		2-s2.0-85194381635	-	Port Said University	1	60274042
Connectivity between Jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85090551647&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85090551647&amp;origin=resultslist</a>	10.18848/2325-1662/CGP/V14I01/27-39	Article		2-s2.0-85090551647	-	Suez Canal University   Port Said University	2	60020322   60108617
Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85177297487&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85177297487&amp;origin=resultslist</a>	10.21608/EJCHEM.2022.149316.64	Article		2-s2.0-85177297487	-	Port Said University	1	60108617   60274043
Thermal history of coral reefs along the Egyptian coast of the Red Sea	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85201856907&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85201856907&amp;origin=resultslist</a>	10.1201/9781003321392-6	Chapter		2-s2.0-85201856907	-	New York University   NYU Abu Dhabi   Port Said University	3	129130773   60108617   60274043   60104576
Inviting foreign direct investment for sports	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85206929083&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85206929083&amp;origin=resultslist</a>	10.6018/sportk.624801	Article	Gold	2-s2.0-85206929083	-	Taibah University   Port Said University	2	60108617   60008920

development projects in relation to economic development and development challenges									
New Efficient Configurations for Sour Wastewater Treatment	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85134328327&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85134328327&amp;origin=resultslist</a>	10.2174/2405520415666211229123400	Article		2-s2.0-85134328327	-	The British University in Egypt   Cairo University   University of California at San Diego   Port Said University	4	60274042   60108617   60023356   60273423   60010294   60002575   60273442   60121663   60030612
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semiarid Tunisia	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85123612232&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85123612232&amp;origin=resultslist</a>	10.1007/978-3-030-72547-1_5	Chapter		2-s2.0-85123612232	-	University of Carthage   Port Said University	2	60034160   60274042   60108617   118664067
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85174590069&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85174590069&amp;origin=resultslist</a>	-	Conference Paper		2-s2.0-85174590069	-	Cairo University   University of the Witwatersrand   Port Said University	3	60079227   60016218   60108617   60274042   126708671   60010294

Title	Scopus Affiliation names	Scopus Author ID First Author	Scopus Author ID Last Author	Scopus Author ID Corresponding Author	Scopus Author ID Single Author	Country/Region	Number of Countries/Regions	All Science Journal Classification (ASJC) code	All Science Journal Classification (ASJC) field name
Recent advances in carbon capture storage and utilisation technologies: a review	Queen's University Belfast   ETH Zürich   South Valley University   Faculty of Science   Egyptian Atomic Energy Authority   National Center for Radiation Research and Technology   Egyptian Propylene and Polypropylene Company   Faculty of Science   Port Said University	5.54E+10	7.01E+09	5.54E+10	-	United Kingdom   Egypt   Switzerland	3	2304	Environmental Chemistry
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	Queen's University Belfast   Obihiro University of Agriculture and Veterinary Medicine   Assiut University   Faculty of Veterinary Medicine   Department of Chemistry and Earth Sciences, College of Arts and Sciences, Qatar University   Qatar University   College of Arts and Sciences, Qatar University   Faculty of Science   Port Said University   Egyptian Propylene and Polypropylene Company   Egyptian Atomic Energy Authority   National Center for Radiation Research and Technology   Taiz University   Faculty of Engineering   Al-Azhar University   Cemart for Building Materials and Insulation   University of Florida Institute of Food and Agricultural Sciences   University of Florida	5.54E+10	7.01E+09	5.54E+10	-	Qatar   United Kingdom   Egypt   Japan   United States   Yemen	6	2304	Environmental Chemistry

Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	Faculty of Agriculture   Zagazig University   Faculty of Pharmacy   Faculty of Veterinary Medicine   Cairo University   Beni-Suef University   Faculty of Agriculture   Hainan University   Arid Lands Cultivation Research Institute   City of Scientific Research and Technological Applications   Nanjing Normal University   Fayoum University   Faculty of Agriculture   Faculty of Specified Education   Port Said University   Jouf University   Umm Al-Qura University   United Arab Emirates University   Murdoch University	5.72E+10	1.28E+10	6701719967   12806366100	-	United Arab Emirates   China   Egypt   Saudi Arabia   Australia	5	1110	Plant Science
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	Queen's University Belfast   Kobe University   Assiut University   Faculty of Veterinary Medicine   Egyptian Propylene and Polypropylene Company   Port Said University   Faculty of Science   Egyptian Methanex Methanol Company (EMethanex)   University of Birmingham   Ming Chi University of Technology   Alexandria University   Faculty of Science   Imam Mohammad Ibn Saud Islamic University   Agricultural Research Center   Soil, Water and Environment Research Institute (SWERI)   Xi'an Jiaotong-Liverpool University	5.54E+10	7.01E+09	55362658600   36140024400	-	Taiwan   United Kingdom   China   Egypt   Japan   Saudi Arabia	6	2304	Environmental Chemistry
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	Queen's University Belfast   Universiti Malaysia Sarawak   Kobe University   Faculty of Veterinary Medicine   Assiut University   Egyptian Propylene and Polypropylene Company   Port Said University   Faculty of Science   Faculty of Engineering- Port Said University   King Saud University   Xi'an Jiaotong-Liverpool University	5.54E+10	3.61E+10	55362658600   56223568100   36140024400	-	United Kingdom   China   Egypt   Japan   Saudi Arabia   Malaysia	6	2304	Environmental Chemistry
Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	Egyptian Propylene and Polypropylene Company   Faculty of Science   Faculty of Engineering- Port Said University   National Institute of Oceanography and Fisheries   Poznan University of Medical Sciences   China Agricultural University   University of Jeddah	5.72E+10	9.43E+09	57192696143   57200181654   57221645534   9433357000	-	China   Egypt   Poland   Saudi Arabia	4	1500   1501   1508   2200   2301   2310   2311	General Chemical Engineering   Chemical Engineering (miscellaneous)   Process Chemistry and Technology   General Engineering   Environmental Science (miscellaneous)   Pollution   Waste Management and Disposal
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	Egyptian Propylene and Polypropylene Company   University of Jeddah   Port Said University   Faculty of Science   Guangxi University   Nuclear Materials Authority	5.72E+10	3.67E+10	9.43E+09	-	China   Egypt   Saudi Arabia	3	1502   2304   2305	Bioengineering   Environmental Chemistry   Environmental Engineering
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	Faculty of Engineering- Port Said University	5.75E+10	5.72E+10	5.75E+10	-	Egypt	1	2205   2215   2305   3305	Civil and Structural Engineering   Building and Construction   Environmental Engineering   Geography, Planning and Development
Personal protective equipment (Ppe) use and its relation to accidents among	Mansoura University   Faculty of Medicine   Faculty of Nursing   Port Said University	5.65E+10	5.72E+10	5.65E+10	-	Egypt	1	2739	Public Health, Environmental and Occupational Health

construction workers									
Hydrogen production from wastewater, storage, economy, governance and applications: a review	Port Said University  Faculty of Science  Egyptian Propylene and Polypropylene Company  National Institute of Oceanography and Fisheries  Faculty of Engineering- Port Said University  Agricultural Research Center  Central Agricultural Pesticides Laboratory  United Gas Derivative Company  Poznan University of Medical Sciences  University of Jeddah	5.72E+1 0	9.43E+0 9	57192696143   55919580700   57200181654   54954871200   57307212500   57859732100   9433357000	-	Egypt  Saudi Arabia  Poland	3	2304	Environmental Chemistry
Biosolids management and utilizations: A review	Faculty of Science  Port Said University  Egyptian Propylene and Polypropylene Company  National Institute of Oceanography and Fisheries  KPR Institute of Engineering and Technology Coimbatore  Nanjing Normal University  University of Jeddah  Universidad Autónoma de Baja California	5.72E+1 0	5.63E+1 0	9.43E+09	-	India  China  Mexico  Egypt  Saudi Arabia	5	1408  2105  2209  2300	Strategy and Management  Renewable Energy, Sustainability and the Environment  Industrial and Manufacturing Engineering  General Environmental Science
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	Faculty of Pharmacy  Port Said University  Faculty of Pharmacy  Zagazig University	5.53E+1 0	1.48E+1 0	5.53E+10	-	Egypt	1	1303  1602	Biochemistry  Analytical Chemistry
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	Faculty of Science  Suez University  Egyptian Propylene and Polypropylene Company  Faculty of Science  Port Said University	5.72E+1 0	5.72E+1 0	5.72E+10	-	Egypt	1	2300  2308  2310	General Environmental Science  Management, Monitoring, Policy and Law  Pollution
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	Faculty of Engineering- Port Said University  Port Said University	5.72E+1 0	5.59E+1 0	5.72E+10	-	Egypt	1	1400  2215  2216	General Business, Management and Accounting  Building and Construction  Architecture
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	Jouf University  Prince Sattam Bin Abdulaziz University  Port Said University  Faculty of Nursing	5.87E+1 0	5.74E+1 0	58734208000   57878069400	-	Egypt  Saudi Arabia	2	2900	General Nursing
The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	Faculty of Nursing  Port Said University  Technical Institution of Nursing  Hodeida University  Prince Sattam Bin Abdulaziz University  Mansoura University  Faculty of Nursing	5.72E+1 0	5.72E+1 0	5.72E+10	-	Egypt  Saudi Arabia  Yemen	3	2900	General Nursing
Landscape-scale mapping of soil	Instituto Nacional de Investigação Agrária e Veterinária  Universidade de Lisboa  Faculdade de Ciências da	5.6E+10	6.6E+09	5.6E+10	-	Egypt  Tunisia	4	1102  1111  1904  2312	Agronomy and Crop Science  Soil Science  Earth-Surface Processes  Water Science and Technology

salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	Universidade de Lisboa  University of Carthage, Institut National de Recherches en Génie Rural Eaux et Forêts  University of Carthage  Université de Tunis El Manar, Ecole Nationale d'Ingénieurs de Tunis  Université de Tunis El Manar  Port Said University  Faculty of Engineering- Port Said University  Manaaki Whenua – Landcare Research					Portugal  New Zealand			
Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	Faculty of Engineering- Port Said University  Port Said University	4.87E+10	5.7E+10	5.7E+10	-	Egypt	1	2200	General Engineering
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	King Faisal University  Port Said University	5.8E+10	5.79E+10	5.8E+10	-	Egypt  Saudi Arabia	2	1701  1705  1708  2102  2105  2301  2308  3305	Computer Science (miscellaneous)  Computer Networks and Communications  Hardware and Architecture  Energy Engineering and Power Technology  Renewable Energy, Sustainability and the Environment  Environmental Science (miscellaneous)  Management, Monitoring, Policy and Law  Geography, Planning and Development
Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	King Faisal University  Abdul Wali Khan University Mardan  Princess Nourah Bint Abdulrahman University  Lebanese American University  Faculty of Science  Port Said University  Al Baha University	2.66E+10	3.61E+10	2.66E+10	-	Lebanon  Egypt  Saudi Arabia  Pakistan	4	1000	Multidisciplinary
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	University of California, Davis  Port Said University  Faculty of Engineering- Port Said University  Horus University - Egypt	5.7E+10	5.86E+10	5.7E+10	-	Egypt  United States	2	2304  2306  2310  2311  2312	Environmental Chemistry  Global and Planetary Change  Pollution  Waste Management and Disposal  Water Science and Technology
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	Port Said University  Faculty of Nursing  Faculty of Nursing  Alexandria University  King's College Hospital London  Technical Institution of Nursing  Qassim University  Sulaiman Al Rajhi University  Prince Sattam Bin Abdulaziz University	5.72E+10	5.72E+10	5.72E+10	-	Egypt  Saudi Arabia	2	2900	General Nursing
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	Al-Sham Private University  Al-Baath University  University of Telafer  Faculty of Science  Port Said University	5.74E+10	5.71E+10	5.74E+10	-	Iraq  Egypt  Syrian Arab Republic	3	2601  2604  2609	Mathematics (miscellaneous)  Applied Mathematics  Logic

Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	Faculty of Engineering  The British University in Egypt  Port Said University  Faculty of Engineering- Port Said University	5.75E+10	5.59E+10	5.59E+10	-	Egypt	1	1503  1506  1507  1508  2101  3304	Catalysis  Filtration and Separation  Fluid Flow and Transfer Processes  Process Chemistry and Technology  Energy (miscellaneous)  Education
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	Buraydah Private Colleges  Faculty of Engineering- Port Said University  Port Said University	-	-	5.72E+10	5.72E+10	Egypt  Saudi Arabia	2	2205  2215  2216	Civil and Structural Engineering  Building and Construction  Architecture
Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of Solidago virgaurea Plant in Alkaline Soil	Faculty of Agriculture  Fayoum University  Imam Mohammad Ibn Saud Islamic University  Princess Nourah Bint Abdulrahman University  Ain Shams University  College of Agriculture  College of Science  Port Said University  Faculty of Science  Suez Canal University  Faculty of Science	5.79E+10	5.69E+10	57197814315  56925312600	-	Egypt  Saudi Arabia	2	1105  1300  1911  1912	Ecology, Evolution, Behavior and Systematics  General Biochemistry, Genetics and Molecular Biology  Paleontology  Space and Planetary Science
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	KPR Institute of Engineering and Technology  University of Jeddah  Faculty of Science  Port Said University  Egyptian Propylene and Polypropylene Company	5.72E+10	5.72E+10	57226315795  57192696143	-	India  Egypt  Saudi Arabia	3	1303  1312  1315	Biochemistry  Molecular Biology  Structural Biology
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	Pannon Egyetem  Cairo University  Faculty of Agriculture  Hungarian University of Agriculture and Life Sciences  Taif University  University of Carthage, Faculté des Sciences de Bizerte  University of Carthage  Universitatea Alexandru Ioan Cuza  Faculty of Science  Port Said University	5.72E+10	6.7E+09	9.34E+09	-	Tunisia  Egypt  Saudi Arabia  Hungary  Romania	5	1100	General Agricultural and Biological Sciences
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	Port Said University  Faculty of Science  Egyptian Propylene and Polypropylene Company  Faculty of Engineering- Port Said University  Egyptian Methanex Methanol Company (EMethanex)  Western University  National Research Centre  University of Jeddah  Suez University  Faculty of Science  Johannes Kepler University Linz	5.72E+10	5.72E+10	9.43E+09	-	Austria  Egypt  Saudi Arabia  Canada	4	2304  2307  2310	Environmental Chemistry  Health, Toxicology and Mutagenesis  Pollution
Sustainable agricultural development	Port Said University  Faculty of Engineering- Port Said University  Faculty of Engineering  Alexandria University	4.87E+10	5.7E+10	5.7E+10	-	Egypt  United States	2	2002  2308  3305	Economics and Econometrics  Management, Monitoring, Policy and Law  Geography, Planning and Development

under different climate change scenarios for El Moghra region, Western Desert of Egypt	Higher Institute for Engineering and Technology   University of California, Davis								
Exploring critical barriers towards the uptake of renewable energy usage in Egypt	Port Said University   Purdue Polytechnic Institute   Purdue University   Future University in Egypt   Faculty of Engineering & Technology   Ain Shams University   Faculty of Engineering Ain Shams University	5.92E+10	3.62E+10	5.72E+10	-	Egypt   United States	2	1909   2201   2205   2215   2305	Geotechnical Engineering and Engineering Geology   Engineering (miscellaneous)   Civil and Structural Engineering   Building and Construction   Environmental Engineering
Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant	Cairo University   Faculty of Engineering- Port Said University   Port Said University   The British University in Egypt   Faculty of Engineering   Egypt-Japan University of Science and Technology   Faculty of Engineering	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2300   2308   2310	General Environmental Science   Management, Monitoring, Policy and Law   Pollution
Forecasting the Climate Change through the Distributions of Solar Radiation and Maximum Temperature	Port Said University   Faculty of Science   Faculty of Science   Mansoura University	5.52E+10	5.57E+10	5.52E+10	-	Egypt	1	1804   2613   3109   3309	Statistics, Probability and Uncertainty   Statistics and Probability   Statistical and Nonlinear Physics   Library and Information Sciences
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	Faculty of Engineering- Port Said University   Port Said University	5.9E+10	5.72E+10	5.9E+10	-	Egypt	1	2205   2211   2213   2215   2216	Civil and Structural Engineering   Mechanics of Materials   Safety, Risk, Reliability and Quality   Building and Construction   Architecture
Proposed hybrid power system for short route ferries	Faculty of Engineering- Port Said University   Port Said University	1.51E+10	2.31E+10	-	-	Egypt	1	1508   2212   2312   3313	Process Chemistry and Technology   Ocean Engineering   Water Science and Technology   Transportation
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	Port Said University   Faculty of Engineering- Port Said University	5.77E+10	5.59E+10	5.77E+10	-	Egypt	1	1400   2205   2215   2216	General Business, Management and Accounting   Civil and Structural Engineering   Building and Construction   Architecture
Geo- Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	Najran University   National Authority for Remote Sensing and Space Sciences   Faculty of Arts   Cairo University   Division of Scientific Training and Continuing Studies   RUDN University   Port Said University   Faculty of Arts	5.72E+10	5.72E+10	57203320165   57194940723	-	Egypt   Saudi Arabia   Russian Federation	3	1701   1705   1708   2102   2105   2301   2308   3305	Computer Science (miscellaneous)   Computer Networks and Communications   Hardware and Architecture   Energy Engineering and Power Technology   Renewable Energy, Sustainability and the Environment   Environmental Science (miscellaneous)   Management, Monitoring, Policy and Law   Geography, Planning and Development
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	Port Said University   Faculty of Engineering- Port Said University   The University of Sheffield   Taif University   School of Chemical and Metallurgical Engineering   University of the Witwatersrand, Johannesburg	5.72E+10	5.72E+10	5.72E+10	-	United Kingdom   Egypt   Saudi Arabia   South Africa	4	2100   2102   2103   2105   2205   2208   2209   2210   2215   2308   2310   2611	General Energy   Energy Engineering and Power Technology   Fuel Technology   Renewable Energy, Sustainability and the Environment   Civil and Structural Engineering   Electrical and Electronic Engineering   Industrial and Manufacturing Engineering   Mechanical Engineering   Building and Construction   Management, Monitoring, Policy and Law   Pollution   Modeling and Simulation



Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	University of California Kearney Agricultural Research and Extension Center   University of California, Davis   USDA Agricultural Research Service   Faculty of Engineering- Port Said University	7E+09	5.7E+10	7E+09	-	Egypt   United States	2	1101   2205   2312	Agricultural and Biological Sciences (miscellaneous)   Civil and Structural Engineering   Water Science and Technology
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	Faculty of Engineering- Port Said University   Port Said University	5.91E+10	1.51E+10	5.91E+10	-	Egypt	1	2210   2212	Mechanical Engineering   Ocean Engineering
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	Umm Al-Qura University   Port Said University	-	-	5.75E+10	5.75E+10	Egypt   Saudi Arabia	2	1100   1900   2300	General Agricultural and Biological Sciences   General Earth and Planetary Sciences   General Environmental Science
Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	Port Said University   Faculty of Science   Agriculture Application, Soil and Marine Division   National Authority for Remote Sensing and Space Sciences	5.8E+10	5.98E+10	5.8E+10	-	Egypt	1	1100   1804   1903   2300	General Agricultural and Biological Sciences   Statistics, Probability and Uncertainty   Computers in Earth Sciences   General Environmental Science
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	Port Said University   Faculty of Engineering- Port Said University	5.86E+10	5.94E+10	5.86E+10	-	Egypt	1	1202   2212   3316	History   Ocean Engineering   Cultural Studies
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	Faculty of Engineering- Port Said University	5.9E+10	5.72E+10	5.9E+10	-	Egypt	1	2205   2215   2216   2300   2305   2308   2309   2739   3305	Civil and Structural Engineering   Building and Construction   Architecture   General Environmental Science   Environmental Engineering   Management, Monitoring, Policy and Law   Nature and Landscape Conservation   Public Health, Environmental and Occupational Health   Geography, Planning and Development
Connectivity between Jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	Suez Canal University   Port Said University	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	1213   2216   3322	Visual Arts and Performing Arts   Architecture   Urban Studies
Slow-release urea fertilizer fabrication through the incorporation of	Port Said University   Faculty of Science	5.91E+10	5.72E+10	5.91E+10	-	Egypt	1	1600   2500   2501	General Chemistry   General Materials Science   Materials Science (miscellaneous)

raw bentonite and gelatin binder									
Thermal history of coral reefs along the Egyptian coast of the Red Sea	68831Suez Canal University  Port Said University  Faculty of Science  NYU Abu Dhabi	1.58E+10	5.72E+10	-	-	United Arab Emirates  Egypt	2	1100  1400  1900  2200  2300	General Agricultural and Biological Sciences  General Business, Management and Accounting  General Earth and Planetary Sciences  General Engineering  General Environmental Science
Inviting foreign direct investment for sports development projects in relation to economic development and development challenges	Port Said University  Taibah University	5.94E+10	5.72E+10	5.94E+10	-	Egypt  Saudi Arabia	2	2732  3304  3603  3609  3612	Orthopedics and Sports Medicine  Education  Complementary and Manual Therapy  Occupational Therapy  Physical Therapy, Sports Therapy and Rehabilitation
New Efficient Configurations for Sour Wastewater Treatment	Faculty of Engineering- Port Said University  Port Said University  The British University in Egypt  Faculty of Engineering  Cairo University  Faculty of Engineering  Nanotechnology Research Center  UC San Diego Jacobs School of Engineering  University of California, San Diego	1.4E+10	5.72E+10	5.72E+10	-	Egypt  United States	2	1500	General Chemical Engineering
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semiarid Tunisia	University of Carthage, Institut National de Recherches en Génie Rural Eaux et Forêts  Faculty of Engineering- Port Said University  Port Said University  Commissariat Régional au Développement Agricole de Kairouan (CRDA)	3.71E+10	5.74E+10	3.71E+10	-	Tunisia  Egypt	2	2105  2216  2304	Renewable Energy, Sustainability and the Environment  Architecture  Environmental Chemistry
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	School of Chemical and Metallurgical Engineering  University of the Witwatersrand, Johannesburg  Port Said University  Faculty of Engineering- Port Said University  Higher Future Institute of Engineering and Technology  Cairo University	5.72E+10	5.6E+10	5.72E+10	-	Egypt  South Africa	2	1102  1107  2105  2311	Agronomy and Crop Science  Forestry  Renewable Energy, Sustainability and the Environment  Waste Management and Disposal

Title	Quacquarelli Symonds (QS) Subject area code	Quacquarelli Symonds (QS) Subject area field name	Quacquarelli Symonds (QS) Subject code	Quacquarelli Symonds (QS) Subject field name	Times Higher Education (THE) code	Times Higher Education (THE) field name
Recent advances in carbon capture storage and utilisation technologies: a review	4  2	Natural Sciences  Engineering & Technology	424  249	Environmental Sciences  Engineering - Petroleum	37	Physical Sciences
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation,	4  2	Natural Sciences  Engineering & Technology	249  424	Engineering - Petroleum  Environmental Sciences	37	Physical Sciences

construction, energy storage, and carbon sequestration: a review						
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	5	Life Sciences & Medicine	502	Agriculture & Forestry	32	Life Sciences
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	2   4	Engineering & Technology   Natural Sciences	249   424	Engineering - Petroleum   Environmental Sciences	37	Physical Sciences
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	4   2	Natural Sciences   Engineering & Technology	424   249	Environmental Sciences   Engineering - Petroleum	37	Physical Sciences
Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	3   2	Social Sciences & Management   Engineering & Technology	424   219   249	Environmental Sciences   Engineering - Chemical   Engineering - Petroleum	36   37	Engineering   Physical Sciences
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	4   2	Natural Sciences   Engineering & Technology	249   219   424	Engineering - Petroleum   Engineering - Chemical   Environmental Sciences	36   37	Engineering   Physical Sciences
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	3   2	Social Sciences & Management   Engineering & Technology	424   106   220   425	Environmental Sciences   Architecture   Engineering - Civil & Structural   Geography	37   36   40	Physical Sciences   Engineering   Social Sciences
Personal protective equipment (Ppe) use and its relation to accidents among	5	Life Sciences & Medicine	532	Medicine	34	Medical and Health

construction workers						
Hydrogen production from wastewater, storage, economy, governance and applications: a review	2   4	Engineering & Technology   Natural Sciences	249   424	Engineering - Petroleum   Environmental Sciences	37	Physical Sciences
Biosolids management and utilizations: A review	2   3	Engineering & Technology   Social Sciences & Management	424   221   222   308	Environmental Sciences   Engineering - Electrical & Electronic   Engineering - Mechanical   Business & Management Studies	35   37   36	Business and Economics   Physical Sciences   Engineering
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	4   5	Natural Sciences   Life Sciences & Medicine	409   507	Chemistry   Biological Sciences	32   37	Life Sciences   Physical Sciences
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	3   2	Social Sciences & Management   Engineering & Technology	424	Environmental Sciences	37	Physical Sciences
Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	3   2   1	Social Sciences & Management   Engineering & Technology   Arts & Humanities	106   220   308	Architecture   Engineering - Civil & Structural   Business & Management Studies	35   36   33	Business and Economics   Engineering   Arts and Humanities
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	5	Life Sciences & Medicine	534	Nursing	34	Medical and Health
The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	5	Life Sciences & Medicine	534	Nursing	34	Medical and Health
Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	5   4   2	Life Sciences & Medicine   Natural Sciences   Engineering & Technology	451   450   502   424   416	Geophysics   Geology   Agriculture & Forestry   Environmental Sciences   Earth & Marine Sciences	37   32	Physical Sciences   Life Sciences
Impact of COVID-19 lockdown on small-scale	2	Engineering & Technology	-	-	36	Engineering

farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials						
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	3  2	Social Sciences & Management  Engineering & Technology	212  425  249  221  424	Computer Science & Information Systems  Geography  Engineering - Petroleum  Engineering - Electrical & Electronic  Environmental Sciences	37  40  38  36	Physical Sciences  Social Sciences  Computer Science  Engineering
Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	-	-	-	-	-	-
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	3  4  2	Social Sciences & Management  Natural Sciences  Engineering & Technology	424  249	Environmental Sciences  Engineering - Petroleum	37	Physical Sciences
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	5	Life Sciences & Medicine	534	Nursing	34	Medical and Health
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	4	Natural Sciences	431	Mathematics	37	Physical Sciences
Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	2  3	Engineering & Technology  Social Sciences & Management	219  221  249  318	Engineering - Chemical  Engineering - Electrical & Electronic  Engineering - Petroleum  Education & Training	41  36	Education Studies  Engineering
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various	1  2	Arts & Humanities  Engineering & Technology	106  220	Architecture  Engineering - Civil & Structural	33  36	Arts and Humanities  Engineering

Configuration Parameters						
Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of <i>Solidago virgaurea</i> Plant in Alkaline Soil	5   4	Life Sciences & Medicine   Natural Sciences	416   450   502   451   507	Earth & Marine Sciences   Geology   Agriculture & Forestry   Geophysics   Biological Sciences	32   37	Life Sciences   Physical Sciences
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	5	Life Sciences & Medicine	507	Biological Sciences	32	Life Sciences
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	5	Life Sciences & Medicine	502	Agriculture & Forestry	32	Life Sciences
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	5   2   4   3	Life Sciences & Medicine   Engineering & Technology   Natural Sciences   Social Sciences & Management	249   424	Engineering - Petroleum   Environmental Sciences	37   34	Physical Sciences   Medical and Health
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	3	Social Sciences & Management	425   424   317	Geography   Environmental Sciences   Economics & Econometrics	40   37   35	Social Sciences   Physical Sciences   Business and Economics
Exploring critical barriers towards the uptake of renewable energy usage in Egypt	2   4	Engineering & Technology   Natural Sciences	249   106   416   424   450   220   451   247	Engineering - Petroleum   Architecture   Earth & Marine Sciences   Environmental Sciences   Geology   Engineering - Civil & Structural   Geophysics   Engineering - Mineral & Mining	37   36	Physical Sciences   Engineering
Performance assessment and process optimization of a sulfur recovery	3   2	Social Sciences & Management   Engineering & Technology	424	Environmental Sciences	37	Physical Sciences

unit: a real starting up plant						
Forecasting the Climate Change through the Distributions of Solar Radiation and Maximum Temperature	4  3  2	Natural Sciences   Social Sciences & Management   Engineering & Technology	439  344  431  329  213	Physics & Astronomy   Statistics & Operational Research   Mathematics   Library & Information Management   Data Science	40  37	Social Sciences   Physical Sciences
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	1  2	Arts & Humanities   Engineering & Technology	249  106  220  433  222	Engineering - Petroleum   Architecture   Engineering - Civil & Structural   Materials Science   Engineering - Mechanical	36  33	Engineering   Arts and Humanities
Proposed hybrid power system for short route ferries	2  4  3	Engineering & Technology   Natural Sciences   Social Sciences & Management	247  106  249  219  416  451  424	Engineering - Mineral & Mining   Architecture   Engineering - Petroleum   Engineering - Chemical   Earth & Marine Sciences   Geophysics   Environmental Sciences	36  40  37	Engineering   Social Sciences   Physical Sciences
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	3  2  1	Social Sciences & Management   Engineering & Technology   Arts & Humanities	308  220  106	Business & Management Studies   Engineering - Civil & Structural   Architecture	36  33  35	Engineering   Arts and Humanities   Business and Economics
Geo- Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	3  2	Social Sciences & Management   Engineering & Technology	424  425  221  212  249	Environmental Sciences   Geography   Engineering - Electrical & Electronic   Computer Science & Information Systems   Engineering - Petroleum	40  36  38  37	Social Sciences   Engineering   Computer Science   Physical Sciences
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	3  2  4	Social Sciences & Management   Engineering & Technology   Natural Sciences	106  221  249  220  431  424  222	Architecture   Engineering - Electrical & Electronic   Engineering - Petroleum   Engineering - Civil & Structural   Mathematics   Environmental Sciences   Engineering - Mechanical	36  37	Engineering   Physical Sciences
Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	2  5	Engineering & Technology   Life Sciences & Medicine	502  220  424	Agriculture & Forestry   Engineering - Civil & Structural   Environmental Sciences	32  37  36	Life Sciences   Physical Sciences   Engineering
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	2  4	Engineering & Technology   Natural Sciences	222  247  249  451  416	Engineering - Mechanical   Engineering - Mineral & Mining   Engineering - Petroleum   Geophysics   Earth & Marine Sciences	36	Engineering
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	2  4  5	Engineering & Technology   Natural Sciences   Life Sciences & Medicine	416  502  424  249  450  451	Earth & Marine Sciences   Agriculture & Forestry   Environmental Sciences   Engineering - Petroleum   Geology   Geophysics	32  37	Life Sciences   Physical Sciences

Spatiotemporal modelling for assessing the impacts of land use/land cover on Iduku lake, Egypt	2   4   5	Engineering & Technology   Natural Sciences   Life Sciences & Medicine	213   416   344   424   451   502	Data Science   Earth & Marine Sciences   Statistics & Operational Research   Environmental Sciences   Geophysics   Agriculture & Forestry	37   32	Physical Sciences   Life Sciences
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	1   2   3   4	Arts & Humanities   Engineering & Technology   Social Sciences & Management   Natural Sciences	249   451   311   247   126   416	Engineering - Petroleum   Geophysics   Communication & Media Studies   Engineering - Mineral & Mining   History   Earth & Marine Sciences	40   33   36	Social Sciences   Arts and Humanities   Engineering
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	5   1   3   2	Life Sciences & Medicine   Arts & Humanities   Social Sciences & Management   Engineering & Technology	424   425   532   220   106	Environmental Sciences   Geography   Medicine   Engineering - Civil & Structural   Architecture	34   36   40   37   33	Medical and Health   Engineering   Social Sciences   Physical Sciences   Arts and Humanities
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	1   3	Arts & Humanities   Social Sciences & Management	136   106	Performing Arts   Architecture	40   33	Social Sciences   Arts and Humanities
Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder	2   4	Engineering & Technology   Natural Sciences	433   409	Materials Science   Chemistry	37   36	Physical Sciences   Engineering
Thermal history of coral reefs along the Egyptian coast of the Red Sea	4   2   3   5	Natural Sciences   Engineering & Technology   Social Sciences & Management   Life Sciences & Medicine	451   502   308   450   249   424   416	Geophysics   Agriculture & Forestry   Business & Management Studies   Geology   Engineering - Petroleum   Environmental Sciences   Earth & Marine Sciences	37   35   36   32	Physical Sciences   Business and Economics   Engineering   Life Sciences
Inviting foreign direct investment for sports development projects in relation to economic development and development challenges	5   3	Life Sciences & Medicine   Social Sciences & Management	532   318   343	Medicine   Education & Training   Sports-related Subjects	32   41   34	Life Sciences   Education Studies   Medical and Health
New Efficient Configurations for Sour Wastewater Treatment	2	Engineering & Technology	219	Engineering - Chemical	36	Engineering
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semi-arid Tunisia	4   2   1	Natural Sciences   Engineering & Technology   Arts & Humanities	249   424   106   221	Engineering - Petroleum   Environmental Sciences   Architecture   Engineering - Electrical & Electronic	33   37   36	Arts and Humanities   Physical Sciences   Engineering



THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	5   2   3	Life Sciences & Medicine   Engineering & Technology   Social Sciences & Management	221   502   424	Engineering - Electrical & Electronic   Agriculture & Forestry   Environmental Sciences	32   37   36	Life Sciences   Physical Sciences   Engineering
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Title	ANZSRC FoR (2020) parent code	ANZSRC FoR (2020) parent name	ANZSRC FoR (2020) code	ANZSRC FoR (2020) name	Sustainable Development Goals (2025)
Recent advances in carbon capture storage and utilisation technologies: a review	34   31   41	Chemical Sciences   Biological Sciences   Environmental Sciences	-	-	SDG 8   SDG 9   SDG 13
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	34   41   31	Chemical Sciences   Environmental Sciences   Biological Sciences	-	-	SDG 6   SDG 7   SDG 8   SDG 12   SDG 13
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	31   30	Biological Sciences   Agricultural, Veterinary And Food Sciences	3108   3004	Plant biology   Crop and pasture production	SDG 2   SDG 3   SDG 8   SDG 12
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	31   41   34	Biological Sciences   Environmental Sciences   Chemical Sciences	-	-	SDG 7   SDG 8   SDG 9   SDG 12   SDG 13
Optimizing biomass pathways to bioenergy and biochar application in electricity	41   34   31	Environmental Sciences   Chemical Sciences   Biological Sciences	-	-	SDG 7   SDG 8   SDG 9   SDG 11   SDG 12   SDG 13

generation, biodiesel production, and biohydrogen production					
Thermochemical conversion strategies of biomass to biofuels, techno-economic and bibliometric analysis: A conceptual review	40   34	Engineering   Chemical Sciences	3406   4011   4004	Physical chemistry   Environmental engineering   Chemical engineering	SDG 7   SDG 8
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	40   34	Engineering   Chemical Sciences	3499   4004   4005	Other chemical sciences   Chemical engineering   Civil engineering	SDG 3   SDG 6   SDG 7   SDG 8   SDG 9
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	33   40	Built Environment And Design   Engineering	-	-	SDG 8   SDG 11
Personal protective equipment (Ppe) use and its relation to accidents among construction workers	32   42   35	Biomedical And Clinical Sciences   Health Sciences   Commerce, Management, Tourism And Services	4206   3214   3599	Public health   Pharmacology and pharmaceutical sciences   Other commerce, management, tourism and services	SDG 8
Hydrogen production from wastewater, storage, economy, governance and applications: a review	31   41   34	Biological Sciences   Environmental Sciences   Chemical Sciences	-	-	SDG 6   SDG 7   SDG 8   SDG 9   SDG 13
Biosolids management and utilizations: A review	40   33	Engineering   Built Environment And Design	-	-	SDG 6   SDG 8   SDG 12   SDG 15
Determination of six drugs used for treatment of common cold by micellar liquid chromatography	40   34   31	Engineering   Chemical Sciences   Biological Sciences	-	-	SDG 3   SDG 8
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	MD	Multidisciplinary	MD	Multidisciplinary	SDG 6   SDG 8   SDG 9   SDG 13

Post-pandemic architecture: a critical review of the expected feasibility of skyscraper-integrated vertical farming (SIVF)	33	Built Environment And Design	3301  3302  3303	Architecture   Building   Design	SDG 2  SDG 8  SDG 13
Facilitators and barriers to AI adoption in nursing practice: a qualitative study of registered nurses' perspectives	42	Health Sciences	4204  4205	Midwifery   Nursing	SDG 4  SDG 8
The role of psychological ownership in linking decent work to nurses' vigor at work: A two-wave study	42	Health Sciences	4205  4204	Nursing   Midwifery	SDG 8
Landscape-scale mapping of soil salinity with multi-height electromagnetic induction and quasi-3d inversion in Saharan Oasis, Tunisia	40  30	Engineering   Agricultural, Veterinary And Food Sciences	3002  3004  4005	Agriculture, land and farm management   Crop and pasture production   Civil engineering	SDG 2  SDG 8
Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	40	Engineering	-	-	SDG 2  SDG 6  SDG 8  SDG 12  SDG 15
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8  SDG 9  SDG 12
Enviro-economic and optimal hybrid energy system: Photovoltaic-biogas-hydro-battery system in rural areas of Pakistan	MD	Multidisciplinary	MD	Multidisciplinary	SDG 7  SDG 8  SDG 13
Risk Assessment of Potential Groundwater	31  41	Biological Sciences   Environmental Sciences	4105  4104  3103	Pollution and contamination   Environmental management  Ecology	SDG 2  SDG 3  SDG 6  SDG 8  SDG 12

Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA					
Are nurses and patients willing to work with service robots in healthcare? A mixed-methods study	42	Health Sciences	4204   4205	Midwifery   Nursing	SDG 8
The Neutrosophic Treatment of the Static Model for the Inventory Management with Safety Reserve	-	-	-	-	SDG 8
Acid-hydrolysed furfural production from rice straw bio-waste: Process synthesis, simulation, and optimisation	40	Engineering	4004	Chemical engineering	SDG 7   SDG 8   SDG 13
Solar Chimney Performance Driven Air Ventilation Promotion: An Investigation of Various Configuration Parameters	33   40	Built Environment And Design   Engineering	3301   4005   3302	Architecture   Civil engineering   Building	SDG 3   SDG 7   SDG 8   SDG 13
Integrative Application of Foliar Yeast Extract and Gibberellic Acid Improves Morpho-Physiological Responses and Nutrient Uptake of Solidago virgaurea Plant in Alkaline Soil	31   46	Biological Sciences   Information And Computing Sciences	3104   4601   3101	Evolutionary biology   Applied computing   Biochemistry and cell biology	SDG 8
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	31	Biological Sciences	3101	Biochemistry and cell biology	SDG 3   SDG 6   SDG 8   SDG 11   SDG 12   SDG 13
Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different	31	Biological Sciences	-	-	SDG 6   SDG 8

assessment methods					
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8  SDG 9  SDG 12  SDG 13
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	30  44  41	Agricultural, Veterinary And Food Sciences  Human Society  Environmental Sciences	4104  3002  4404	Environmental management  Agriculture, land and farm management  Development studies	SDG 2  SDG 6  SDG 8  SDG 12  SDG 13
Exploring critical barriers towards the uptake of renewable energy usage in Egypt	40  37	Engineering  Earth Sciences	-	-	SDG 7  SDG 8  SDG 9  SDG 13
Performance assessment and process optimization of a sulfur recovery unit: a real starting up plant	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8  SDG 9
Forecasting the Climate Change through the Distributions of Solar Radiation and Maximum Temperature	40  49	Engineering  Mathematical Sciences	4017  4901  4905	Mechanical engineering  Applied mathematics  Statistics	SDG 8
Efficiency of utilizing building information modeling tools for examining smart materials behavior in a hot climate	33  40	Built Environment And Design  Engineering	3302  4005	Building  Civil engineering	SDG 4  SDG 7  SDG 8  SDG 12
Proposed hybrid power system for short route ferries	35  40  48	Commerce, Management, Tourism And Services  Engineering  Law And Legal Studies	4015  4803  3509	Maritime engineering  International and comparative law  Transportation, logistics and supply chains	SDG 7  SDG 8  SDG 11
Life cycle assessment and generative design: development of a national LCA tool for exterior walls	40  33	Engineering  Built Environment And Design	3302  4005  3301	Building  Civil engineering  Architecture	SDG 8  SDG 9  SDG 12
Geo- Environmental Risk Assessment of Sand Dunes Encroachment	MD	Multidisciplinary	MD	Multidisciplinary	SDG 4  SDG 8  SDG 11  SDG 15

Hazards in Arid Lands Using Machine Learning Techniques					
Techno-economic assessment of a novel wind-powered RO system with a compressed air energy storage for water desalination	40	Engineering	4008   4017   4012	Electrical engineering   Mechanical engineering   Fluid mechanics and thermal engineering	SDG 6   SDG 7   SDG 8   SDG 13   SDG 14   SDG 15
Midsummer Deficit Irrigation of Alfalfa for Water Conservation in the San Joaquin Valley of California	40	Engineering	4005	Civil engineering	SDG 6   SDG 8
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	40	Engineering	4015	Maritime engineering	SDG 7   SDG 8   SDG 11   SDG 13   SDG 14
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8   SDG 11
Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	41   37	Environmental Sciences   Earth Sciences	-	-	SDG 6   SDG 8
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	35	Commerce, Management, Tourism And Services	3509	Transportation, logistics and supply chains	SDG 8   SDG 11
SM-BIM: A NEW CONCEPTUAL FRAMEWORK FOR MULTI-CRITERIA DECISION-MAKING PROCESS BASED ON SMART MATERIALS AND BUILDING INFORMATION MODELING	33	Built Environment And Design	3302   3301	Building   Architecture	SDG 4   SDG 7   SDG 8   SDG 12
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	33	Built Environment And Design	3301   3303	Architecture   Design	SDG 8   SDG 11   SDG 14

Slow-release urea fertilizer fabrication through the incorporation of raw bentonite and gelatin binder	32   40   34	Biomedical And Clinical Sciences   Engineering   Chemical Sciences	3405   4004   3214	Organic chemistry   Chemical engineering   Pharmacology and pharmaceutical sciences	SDG 2   SDG 8   SDG 12
Thermal history of coral reefs along the Egyptian coast of the Red Sea	-	-	-	-	SDG 8   SDG 13
Inviting foreign direct investment for sports development projects in relation to economic development and development challenges	39   42	Education   Health Sciences	4206   3903   4207	Public health   Education systems   Sports science and exercise	SDG 8
New Efficient Configurations for Sour Wastewater Treatment	40	Engineering	4004   4018   4019	Chemical engineering   Nanotechnology   Resources engineering and extractive metallurgy	SDG 6   SDG 7   SDG 8   SDG 9   SDG 13
Evaluation of Electromagnetic Induction Method to Map Soil Salinity in Semi-arid Tunisia	41   37   33	Environmental Sciences   Earth Sciences   Built Environment And Design	3709   3301   4105	Physical geography and environmental geoscience   Architecture   Pollution and contamination	SDG 8
THERMODYNAMIC ANALYSIS AND EXPERIMENTAL STUDY OF ALTERNATIVE BIOFUELS USING SAWDUST SLOW PYROLYSIS	40   34	Engineering   Chemical Sciences	3405   4004   4099	Organic chemistry   Chemical engineering   Other engineering	SDG 7   SDG 8

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