Publications at Port Said University

SDG 11

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
Date exported	9 November 2025
74 publications	
Dates	Some publication dates might be an approximation. Read more in https://service.elsevier.com/app/answers/detail/a_id/35535/supporthub/scival/

Title	Authors	Number of Authors	Scopus Author Ids	Year	Full date	Scopus Source title	Language	Field-Weighted View Impact
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
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	Shalaby, S.M.| Madkour, F.F.| El-Kassas, H.Y.| Mohamed, A.A.| Elgarahy, A.M.	5	57226429362| 18042182900| 56083859800| 56336796600| 57192696143	2021	2021-12-01	Environmental Science and Pollution Research	English	2.09
The impact of sun sail-shading strategy on the thermal comfort in school courtyards	Elgheznawy, D.| Eltarabily, S.	2	57224494477| 57218372332	2021	2021-09-01	Building and Environment	English	2.35
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
Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	Gomaa, A.| Abdalrazik, A.	2	57207112580| 57160423600	2024	2024-06-01	World Electric Vehicle Journal	English	1.45
Urban morphology as a passive strategy in promoting outdoor air quality	Hassan, A.M.| ELMokadem, A.A.| Megahed, N.A.| Abo Eleinen, O.M.	4	57214328061| 57172933900| 55941539500| 57214334960	2020	2020-05-01	Journal of Building Engineering	English	3.47
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement	Elraouf, R.A.| ELMokadem, A.| Megahed, N.| Eleinen, O.A.| Eltarabily, S.	5	57480044900| 57172933900| 55941539500| 57223402796| 57218372332	2022	2022-01-01	Journal of Building Performance Simulation	English	4.03
COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	Hassan, A.M.| Megahed, N.A.	2	57214328061| 55941539500	2021	2021-10-15	Building and Environment	English	3.27
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	Elzahar, M.M.H.| Bassyouni, M.	2	23966198400| 57193261423	2023	2023-12-01	Scientific Reports	English	3.04
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	Farouk, F.| Alkady, Y.| Rizk, R.	3	56458960000| 56080786900| 26649135100	2020	2020-01-01	IEEE Access	English	0.7
Impact of urban morphology on pedestrians: A review of urban approaches	Elzeni, M.M.| ELMokadem, A.A.| Badawy, N.M.	3	57780887700| 57172933900| 56736588300	2022	2022-10-01	Cities	English	4.28
A super-learner ensemble of deep networks for vehicle-type classification	Hedeya, M.A.| Eid, A.H.| Abdel-Kader, R.F.	3	57217079146| 57200595569| 26532393000	2020	2020-01-01	IEEE Access	English	0.68
Improving outdoor air quality based on building morphology: Numerical investigation	Hassan, A.M.| Fatah El Mokadem, A.A.| Megahed, N.A.| Abo Eleinen, O.M.	4	57214328061| 57172933900| 55941539500| 57214334960	2020	2020-06-01	Frontiers of Architectural Research	English	2.88
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	Megahed, N.A.| Abdel-Kader, R.F.	2	55941539500| 26532393000	2022	2022-09-01	Scientific African	English	1.58
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS	El-Bagoury, H.| Gad, A.	2	57222181349| 57194649953	2024	2024-01-01	Water (Switzerland)	English	8.38

Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	Attia, R.| Hassaan, A.| Rizk, R.	3	36781939800| 57282738700| 26649135100	2021	2021-01-01	IEEE Access	English	0.42
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	Hermas, E.| Gaber, A.| El Bastawesy, M.	3	35728844900| 23977853700| 36665951700	2021	2021-02-01	Egyptian Journal of Remote Sensing and Space Science	English	2.73
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	Shehata, A.O.| Megahed, N.A.| Shahda, M.M.| Hassan, A.M.	4	57882214000| 55941539500| 57204561477| 57214328061	2022	2022-10-01	Building and Environment	English	3.6
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	Darwish, N.| Kaiser, M.| Koch, M.| Gaber, A.	4	57201433139| 55697463300| 58865628100| 23977853700	2021	2021-05-01	Remote Sensing	English	1.16
Developing a novel solar-driven cool pavement to improve the urban microclimate	Elqattan, A.A.| Elrayies, G.M.	2	57219537522| 57195482338	2021	2021-01-01	Sustainable Cities and Society	English	2.55
Analyzing the ultimate impact of COVID-19 in Africa	Elbany, M.| Elhenawy, Y.	2	57216704068| 57194448020	2021	2021-06-01	Case Studies on Transport Policy	English	0.78
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass	Salama, A.M.| Helmy, E.A.| Abd El-ghany, T.M.| Ganash, M.	4	57214234912| 55599907500| 59158411000| 55350999600	2021	2021-04-01	Waste and Biomass Valorization	English	0.72
Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	Badawy, N.M.| Hosam Salah, E.S.| Waseef, A.A.E.	3	56736588300| 57215091733| 57215093646	2022	2022-12-01	Alexandria Engineering Journal	English	4.35
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	Mohamed, A.N.| Elmokadem, A.A.E.| Ali, S.M.| Badawey, N.	4	57963488700| 57172933900| 57963854400| 56736588300	2022	2022-11-01	Buildings	English	1.5
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	Elnazer, W.Y.| Farrag, T.E.| Beheary, M.S.| Mansour, R.A.	4	58898489900| 24070449300| 6504203919| 57203418136	2024	2024-01-01	Desalination and Water Treatment	English	0.49
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	Gamal, A.| Eleinen, O.A.| Eltarabily, S.| Elgheznawy, D.	4	58705579700| 57223402796| 57218372332| 57224494477	2023	2023-12-01	Frontiers of Architectural Research	English	2.98
Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	Hammam, A.| Gaber, A.| Abdelwahed, M.| Hammed, M.	4	57204875438| 23977853700| 59883530200| 55915451200	2020	2020-12-01	Egyptian Journal of Remote Sensing and Space Science	English	0.9
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	Hussein, H.A.A.	1	5.75E+10	2022	2022-11-01	Ain Shams Engineering Journal	English	0.84
Potential application of solar still desalination in NEOM region	AbdelMeguid, H.| GHERISSI, A.| Elsawy, M.| Aljohani, Z.| Asiri, A.| Saber, M.| Fouda, A.	7	36752277400| 54884826800| 55895191700| 58897181300| 58897130900| 57197643801| 57040770300	2024	2024-03-01	Applied Water Science	English	2.25
Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	Shehata, A.O.| Hassan, A.M.| Shahda, M.M.| Megahed, N.A.	4	57882214000| 57214328061| 57204561477| 55941539500	2024	2024-08-01	Frontiers of Architectural Research	English	5.84
COVID-19 from mysterious enemy to an environmental	El-Baz, L.M.F.| Elwakeel, K.Z.| Elgarahy, A.M.	3	57203499144| 9433357000| 57192696143	2020	2020-12-01	Innovative Infrastructure Solutions	English	2.03

detection process: a critical review								
Enhancing Object Detection in Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection	Ahmed, M.| El-Sheimy, N.| Leung, H.| Moussa, A.	4	58830028400| 59454510300| 57211955342| 36155022900	2024	2024-01-01	Remote Sensing	English	0.69
UMC-based models: An integrating UMC performance analysis and numerical methods	Hassan, A.M.	1	5.72E+10	2023	2023-07-01	Renewable and Sustainable Energy Reviews	English	1.79
Removal of hazardous organic pollutants using fly ash	Eteba, A.| Bassyouni, M.| Saleh, M.	3	57250821100| 57193261423| 57217049484	2021	2021-08-01	Environment and Ecology Research	English	1.26
Wind–water experimental analysis of small sc-darrieus turbine: An approach for energy production in urban systems	Gharib-Yosry, A.| Blanco-Marigorta, E.| Fernández-Jiménez, A.| Espina-Valdés, R.| Álvarez-álvarez, E.	5	57204932141| 57189341741| 57216433417| 57208819552| 57216442051	2021	2021-05-01	Sustainability (Switzerland)	English	0.9
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
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	Ismaeil, E.M.H.| Sobaih, A.E.E.	2	57732309400| 43762250600	2022	2022-06-01	Water (Switzerland)	English	2.34
Efficient energy and completion time for dependent task computation offloading algorithm in industry 4.0	Abdel-Kader, R.F.| El-Sayad, N.E.| Rizk, R.Y.	3	35328967100| 57224352156| 26649135100	2021	2021-06-01	PLoS ONE	English	0.91
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	Shehata, A.O.| Megahed, N.A.| Hassan, A.M.| Shahda, M.M.	4	57882214000| 55941539500| 57214328061| 57204561477	2024	2024-01-01	Architectural Engineering and Design Management	English	0.43
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	El-Fattah, W.A.| Guesmi, A.| Hamadi, N.B.| Alayyafi, A.A.| Shahat, A.	5	57216615080| 46860972900| 57364956000| 58751076600| 36143273100	2024	2024-03-01	Microchemical Journal	English	0.55
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	Shehata, A.O.| Noroozinejad Farsangi, E.| Mirjalili, S.| Yang, T.Y.	4	57882214000| 36240229200| 51461922300| 34979662000	2024	2024-12-01	Buildings	English	0.66
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	Hassan, A.| Attia, R.| Rizk, R.	3	57608569800| 36781939800| 26649135100	2022	2022-01-01	Lecture Notes on Data Engineering and Communications Technologies	English	0.77
Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection	Sobhi, S.| Elzanaty, A.| Ghuniem, A.M.| Abdelkader, M.F.	4	58043544400| 55822400800| 6506385124| 37016152600	2022	2022-01-01	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC	English	2.02
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City	Refaat, A.M.| Ghazoliy, S.| El Samaty, H.S.| Waseef, A.A.E.	4	57217019727| 59489470400| 57215091733| 57215093646	2024	2024-12-01	Urban Science	English	0.34
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	Abdelaal, A.| Abbas, E.A.| Beheary, M.S.	3	60021830500| 57225472695| 6504203919	2021	2021-08-01	Arabian Journal of Geosciences	English	0.93

IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	Hassan, A.M.| Megahed, N.A.	2	57214328061| 55941539500	2022	2022-01-01	Architecture and Engineering	English	1.95
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	Yakoub, W.A.| Eleinen, O.M.A.| Mahmoud, M.F.| Elrayies, G.M.	4	57223405904| 57223402796| 57223394052| 57195482338	2021	2021-04-01	International Journal of Sustainable Development and Planning	English	1.17
Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	Christodoulou, A.| Bezantakos, S.| Bourtsoukidis, E.| Stavroulas, I.| Pikridas, M.| Oikonomou, K.| Iakovides, M.| Hassan, S.K.| Boraiy, M.| El-Nazer, M.| Wheida, A.| Abdelwahab, M.| Sarda-Estève, R.| Rigler, M.| Biskos, G.| Afif, C.| Borbon, A.| Vrekoussis, M.| Mihalopoulos, N.| Sauvage, S.| Sciare, J.	21	57205351972| 56166035200| 55793279200| 37162122100| 35771409400| 6603627240| 55356887500| 24766238600| 56737164300| 58488072400| 54785312600| 7102582535| 8903376400| 57203386558| 10341169500| 26428034700| 55914433400| 8980175400| 57206897951| 7005196695| 17341189400	2024	2024-04-01	Environment International	English	2.87
Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	Eltarabily, S.	1	5.72E+10	2022	2022-01-01	Journal of Sustainable Architecture and Civil Engineering	English	1.67
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
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
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	Aretouyap, Z.| Abdelfattah, M.| Gaber, A.	3	56431067700| 57222013233| 23977853700	2022	2022-01-01	Geocarto International	English	0.65
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	Alkady, Y.| Rizk, R.| Alsekait, D.M.| Alluhaidan, A.S.| Abdelminaam, D.S.	5	56080786900| 26649135100| 57188804403| 56495371800| 55630276000	2024	2024-01-01	IEEE Access	English	1.47
Environmental influence on the built heritage, Saudi Arabia regions	El-Bastawisy, M.	1	5.75E+10	2024	2024-03-01	Rendiconti Lincei	English	2.56
The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt	El Samaty, H.S.| Waseef, A.A.E.| Badawy, N.M.	3	57215091733| 57215093646| 56736588300	2023	2023-07-01	Urban Climate	English	1.68
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	Basaly, L.G.| Ibrahim, M.G.| Badawy, N.M.| Abdelaal, M.R.M.| Murata, R.	5	57209249468| 56197739100| 56736588300| 56976144600| 55948892700	2021	2021-09-01	Journal of Urban Planning and Development	English	1.7
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	Habib, F.| Megahed, N.A.| Badawy, N.| Shahda, M.M.	4	58922633000| 55941539500| 56736588300| 57204561477	2024	2024-01-01	Architectural Science Review	English	0.9
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
Efficient mining of IoT based data streams for advanced computer vision systems	Toor, A.A.| Usman, M.| Younas, F.| Habib, M.| Fong, A.C.M.	5	57193506062| 58295753000| 57216389890| 57203195644| 7004317340	2024	2024-02-01	Multimedia Tools and Applications	English	0.72
Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	Soultan, A.| Darwish, M.| Al-Johani, N.| Abdulkareem, A.| Alfaifi, Y.| Assaeed, A.M.| El-Bana, M.| Browne, S.	8	57218177157| 58623986900| 58623885200| 58624084800| 58624037700| 6602353733| 6507359301| 58584350400	2023	2023-09-01	Animals	English	0.42
Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an	Farah, E.| Fadel, M.| Mansour, G.| Fakhri, N.| Hassan, S.K.| Boraiy, M.| El-Nazer, M.| Wheida, A.|	16	59364057800| 57218603663| 55221083200| 57200686238| 24766238600| 56737164300| 58488072400| 54785312600| 58719791600|	2024	2024-12-15	Environmental Research	English	2.56

urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	Abdelwahab, M.| Oikonomou, K.| Sauvage, S.| Borbon, A.| Sciare, J.| Courcot, D.| Ledoux, F.| Afif, C.		6603627240| 7005196695| 55914433400| 17341189400| 6603622754| 8523294300| 26428034700					
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	Alkady, Y.| Rizk, R.	2	56080786900| 26649135100	2022	2022-01-01	Lecture Notes on Data Engineering and Communications Technologies	English	0.77
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
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	Leila, M.M.S.A.| ElBastawisy, M.M.	2	57262160600| 57489747200	2022	2022-01-01	Advances in Science, Technology and Innovation	English	1.87
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System	Yasein, M.S.| Khan, E.A.	2	6507804844| 7103122809	2023	2023-01-01	International Journal of Advanced Computer Science and Applications	English	0.6
Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	Hamdy, W.| Darwish, A.| Hassanien, A.E.	3	57219390529| 56236505100| 57192178208	2021	2021-01-01	Studies in Systems, Decision and Control	English	3.3
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
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
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	Álvarez, E.Á.| Yosry, A.G.| Jiménez, A.F.| Rodríguez, A.C.| Secades, M.R.	5	57216442051| 57204932141| 58704610900| 58704463300| 58703551300	2023	2023-01-01	Proceedings of the ASME Turbo Expo	English	2.38
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	Ibrahim, F.M.| Abd Elmawla, D.A.E.| Elgarhy, S.M.A.A.| Ibrahim, A.M.| Fadila, D.	5	57225999851| 59280919600| 59281960500| 57218703344| 57226020403	2024	2024-01-01	Gerontology and Geriatric Medicine	English	1.64
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	Mohamed, A.N.| Mokadem, A.E.| Badawy, N.M.| Ali, S.M.	4	57963488700| 57204557935| 56736588300| 57963854400	2024	2024-01-01	Advances in Science, Technology and Innovation	English	1.7
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study	Shahdah, U.E.| Alanazi, F.| Azam, A.| Elbany, M.	4	56002604500| 57646404400| 55778599500| 57216704068	2024	2024-06-01	Applied Sciences (Switzerland)	English	0.6
Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	El-Bany, M.S.	1	5.64E+10	2021	2021-01-01	Advances in Science, Technology and Innovation	English	0.72
The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI)	Mohamed, M.| Alanbar, A.B.| Badawy, N.M.	3	57200142158| 58806469100| 56736588300	2024	2024-01-01	Springer Proceedings in Complexity	English	3.83

Title	Views	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	Abstract
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	127	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85163691782&origin=resultslist
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	79	94	3.6	19.7	2	5	0	0	Shalaby, S.M., Madkour, F.F., El-Kassas, H.Y. and 2 more (...) (2021).Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes. Environmental Science and Pollution Research,28(46) 65549-65572	https://www.scopus.com/record/display.url?eid=2-s2.0-85111538461&origin=resultslist
The impact of sun sail-shading strategy on the thermal comfort in school courtyards	93	88	4.47	14.55	2	4	0	0	Elgheznawy, D., Eltarabily, S. (2021).The impact of sun sail-shading strategy on the thermal comfort in school courtyards. Building and Environment,202	https://www.scopus.com/record/display.url?eid=2-s2.0-85107760803&origin=resultslist
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	132	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85138992815&origin=resultslist

Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	18	72	13.51	5.33	1	1	0	0	Gomaa, A., Abdalrazik, A. (2024).Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4. World Electric Vehicle Journal,15(6)	https://www.scopus.com/record/display.url?eid=2-s2.0-85197160733&origin=resultslist
Urban morphology as a passive strategy in promoting outdoor air quality	115	67	4.5	10.88	5	4	0	1	Hassan, A.M., ELMokadem, A.A., Megahed, N.A. and 1 more (...) (2020).Urban morphology as a passive strategy in promoting outdoor air quality. Journal of Building Engineering,29	https://www.scopus.com/record/display.url?eid=2-s2.0-85078655908&origin=resultslist
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement	105	62	5.55	11.17	3	3	0	0	Elraouf, R.A., ELMokadem, A., Megahed, N. and 2 more (...) (2022).Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement. Journal of Building Performance Simulation,15(2) 268-286	https://www.scopus.com/record/display.url?eid=2-s2.0-85125934410&origin=resultslist
COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	126	58	3.57	14.55	5	5	0	0	Hassan, A.M., Megahed, N.A. (2021).COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities. Building and Environment,204	https://www.scopus.com/record/display.url?eid=2-s2.0-85109908088&origin=resultslist
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	63	56	5.22	10.74	2	3	0	0	Elzahar, M.M.H., Bassyouni, M. (2023).Removal of direct dyes from wastewater using chitosan and polyacrylamide blends. Scientific Reports,13(1)	https://www.scopus.com/record/display.url?eid=2-s2.0-85171860967&origin=resultslist
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	24	52	2.71	12.2	7	8	1	0	Farouk, F., Alkady, Y., Rizk, R. (2020).Efficient Privacy-Preserving Scheme for Location Based Services in VANET System. IEEE	https://www.scopus.com/record/display.url?eid=2-s2.0-85083304826&origin=resultslist

									Access,860101-60116	
Impact of urban morphology on pedestrians: A review of urban approaches	136	45	4.37	9.83	4	4	0	0	Elzeni, M.M., ELMokadem, A.A., Badawy, N.M. (2022).Impact of urban morphology on pedestrians: A review of urban approaches. Cities,129	https://www.scopus.com/record/display.url?eid=2-s2.0-85133467517&origin=resultslist
A super-learner ensemble of deep networks for vehicle-type classification	18	38	2.24	12.49	11	11	0	0	Hedeya, M.A., Eid, A.H., Abdel-Kader, R.F. (2020).A super-learner ensemble of deep networks for vehicle-type classification. IEEE Access,898266-98280	https://www.scopus.com/record/display.url?eid=2-s2.0-85086073784&origin=resultslist
Improving outdoor air quality based on building morphology: Numerical investigation	65	37	3.9	6.66	11	5	0	0	Hassan, A.M., Fatah El Mokadem, A.A., Megahed, N.A. and 1 more (...) (2020).Improving outdoor air quality based on building morphology: Numerical investigation. Frontiers of Architectural Research,9(2) 319-334	https://www.scopus.com/record/display.url?eid=2-s2.0-85078941200&origin=resultslist
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	35	34	2.09	16.26	6	12	0	0	Megahed, N.A., Abdel-Kader, R.F. (2022).Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective. Scientific African,17	https://www.scopus.com/record/display.url?eid=2-s2.0-85138550543&origin=resultslist
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS	113	34	9.1	3.74	1	1	0	0	El-Bagoury, H., Gad, A. (2024).Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS. Water (Switzerland),16(2)	https://www.scopus.com/record/display.url?eid=2-s2.0-85183323931&origin=resultslist
Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	13	32	2.04	13.26	10	12	0	0	Attia, R., Hassaan, A., Rizk, R. (2021).Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV. IEEE	https://www.scopus.com/record/display.url?eid=2-s2.0-85115786279&origin=resultslist

									Access,9131260-131272	
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	52	31	2.07	12.57	11	12	0	0	Hermas, E., Gaber, A., El Bastawesy, M. (2021).Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt. Egyptian Journal of Remote Sensing and Space Science,24(1) 119-130	https://www.scopus.com/record/display.url?eid=2-s2.0-85082829338&origin=resultslist
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	120	28	1.98	14.15	8	13	0	0	Shehata, A.O., Megahed, N.A., Shahda, M.M. and 1 more (...) (2022).(3Ts) Green conservation framework: A hierarchical-based sustainability approach. Building and Environment,224	https://www.scopus.com/record/display.url?eid=2-s2.0-85137640754&origin=resultslist
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	20	25	1.67	12.57	14	16	0	0	Darwish, N., Kaiser, M., Koch, M. and 1 more (...) (2021).Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt. Remote Sensing,13(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85106503436&origin=resultslist
Developing a novel solar-driven cool pavement to improve the urban microclimate	117	25	1.3	15.37	14	22	0	0	Elqattan, A.A., Elrayies, G.M. (2021).Developing a novel solar-driven cool pavement to improve the urban microclimate. Sustainable Cities and Society,64	https://www.scopus.com/record/display.url?eid=2-s2.0-85093674852&origin=resultslist
Analyzing the ultimate impact of COVID-19 in Africa	29	24	1.96	11.72	15	13	0	0	Elbany, M., Elhenawy, Y. (2021).Analyzing the ultimate impact of COVID-19 in Africa. Case Studies on Transport Policy,9(2) 796-804	https://www.scopus.com/record/display.url?eid=2-s2.0-85103950581&origin=resultslist
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater	43	20	0.62	22.41	18	42	0	0	Salama, A.M., Helmy, E.A., Abd El-ghany, T.M. and 1 more (...) (2021).Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using	https://www.scopus.com/record/display.url?eid=2-s2.0-85087572009&origin=resultslist

Bacteria and Aquatic Macrophytes Biomass									Certain Wastewater Bacteria and Aquatic Macrophytes Biomass. Waste and Biomass Valorization,12(4) 2059-2070	
Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	110	19	1.77	10.75	14	15	0	0	Badawy, N.M., Hosam Salah, E.S., Waseef, A.A.E. (2022).Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt. Alexandria Engineering Journal,61(12) 12229-12246	https://www.scopus.com/record/display.url?eid=2-s2.0-85132236190&origin=resultslist
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	47	19	1.68	11.3	14	16	0	0	Mohamed, A.N., Elmokadem, A.A.E., Ali, S.M. and 1 more (...) (2022).Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study. Buildings,12(11)	https://www.scopus.com/record/display.url?eid=2-s2.0-85141835649&origin=resultslist
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	7	18	3.78	4.76	4	6	0	0	Elnazer, W.Y., Farrag, T.E., Beheary, M.S. and 1 more (...) (2024).Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks. Desalination and Water Treatment,317	https://www.scopus.com/record/display.url?eid=2-s2.0-85185598253&origin=resultslist
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	83	18	2.22	8.09	9	11	0	0	Gamal, A., Eleinen, O.A., Eltarabily, S. and 1 more (...) (2023).Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS). Frontiers of Architectural Research,12(6) 1260-1284	https://www.scopus.com/record/display.url?eid=2-s2.0-85177549941&origin=resultslist

Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	25	17	0.72	13.8	26	36	0	0	Hammam, A., Gaber, A., Abdelwahed, M. and 1 more (...) (2020).Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset. Egyptian Journal of Remote Sensing and Space Science,23(3) 275-285	https://www.scopus.com/record/display.url?eid=2-s2.0-85057746667&origin=resultslist
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	39	16	0.46	34.42	17	51	0	0	Hussein, H.A.A. (2022).Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history. Ain Shams Engineering Journal,13(6)	https://www.scopus.com/record/display.url?eid=2-s2.0-85127754416&origin=resultslist
Potential application of solar still desalination in NEOM region	27	15	3.69	4.06	5	6	0	0	AbdelMeguid, H., GHERISSI, A., Elsawy, M. and 4 more (...) (2024).Potential application of solar still desalination in NEOM region. Applied Water Science,14(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85185564484&origin=resultslist
Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	78	13	5.75	2.26	6	3	0	0	Shehata, A.O., Hassan, A.M., Shahda, M.M. and 1 more (...) (2024).Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study. Frontiers of Architectural Research,13(4) 776-798	https://www.scopus.com/record/display.url?eid=2-s2.0-85191011684&origin=resultslist
COVID-19 from mysterious enemy to an environmental detection process: a critical review	122	13	0.34	35.39	32	56	0	0	El-Baz, L.M.F., Elwakeel, K.Z., Elgarahy, A.M. (2020).COVID-19 from mysterious enemy to an environmental detection process: a critical review. Innovative Infrastructure Solutions,5(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85087869182&origin=resultslist
Enhancing Object Detection in Remote Sensing: A	6	12	2.78	4.31	6	9	0	0	Ahmed, M., El-Sheimy, N., Leung, H. and 1 more (...) (2024).Enhancing Object Detection in	https://www.scopus.com/record/display.url?eid=2-s2.0-85181889137&origin=resultslist

Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection									Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection. Remote Sensing,16(1)	
UMC-based models: An integrating UMC performance analysis and numerical methods	57	12	0.77	15.56	15	36	0	0	Hassan, A.M. (2023).UMC-based models: An integrating UMC performance analysis and numerical methods. Renewable and Sustainable Energy Reviews,181	https://www.scopus.com/record/display.url?eid=2-s2.0-85158169930&origin=resultslist
Removal of hazardous organic pollutants using fly ash	33	11	0.69	11.58	31	39	0	0	Eteba, A., Bassyouni, M., Saleh, M. (2021).Removal of hazardous organic pollutants using fly ash. Environment and Ecology Research,9(4) 196-203	https://www.scopus.com/record/display.url?eid=2-s2.0-85114496359&origin=resultslist
Wind–water experimental analysis of small sc-darrieus turbine: An approach for energy production in urban systems	29	10	0.56	14.28	33	45	0	0	Gharib-Yosry, A., Blanco-Marigorta, E., Fernández-Jiménez, A. and 2 more (...) (2021).Wind–water experimental analysis of small sc-darrieus turbine: An approach for energy production in urban systems. Sustainability (Switzerland),13(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85105987755&origin=resultslist
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	30	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85208553215&origin=resultslist
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	53	9	0.84	10.67	29	34	1	1	Ismaeil, E.M.H., Sobaih, A.E.E. (2022).Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus. Water (Switzerland),14(11)	https://www.scopus.com/record/display.url?eid=2-s2.0-85131559735&origin=resultslist
Efficient energy and completion time for dependent task	22	9	0.43	18.65	36	52	0	0	Abdel-Kader, R.F., El-Sayad, N.E., Rizk, R.Y. (2021).Efficient energy and	https://www.scopus.com/record/display.url?eid=2-s2.0-85107444665&origin=resultslist

computation offloading algorithm in industry 4.0									completion time for dependent task computation offloading algorithm in industry 4.0. PLoS ONE,16(6)	
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	24	8	0.78	10.32	11	35	0	0	Shehata, A.O., Megahed, N.A., Hassan, A.M. and 1 more (...) (2024).Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes. Architectural Engineering and Design Management,20(3) 694-718	https://www.scopus.com/record/display.url?eid=2-s2.0-85190977160&origin=resultslist
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	7	8	1.51	5.28	11	19	0	0	El-Fattah, W.A., Guesmi, A., Hamadi, N.B. and 2 more (...) (2024).Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater. Microchemical Journal,198	https://www.scopus.com/record/display.url?eid=2-s2.0-85185929131&origin=resultslist
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	32	7	0.6	11.76	13	40	0	0	Shehata, A.O., Noroozinejad Farsangi, E., Mirjalili, S. and 1 more (...) (2024).A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages. Buildings,14(12)	https://www.scopus.com/record/display.url?eid=2-s2.0-85213080624&origin=resultslist
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	13	7	2.6	2.69	35	9	0	0	Hassan, A., Attia, R., Rizk, R. (2022).Internet of Vehicles and Intelligent Routing: A Survey-Based Study. Lecture Notes on Data Engineering and Communications Technologies,113517-531	https://www.scopus.com/record/display.url?eid=2-s2.0-85128606857&origin=resultslist
Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection	16	6	1.85	3.24	38	14	0	0	Sobhi, S., Elzanaty, A., Ghuniem, A.M. and 1 more (...) (2022).Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection. IEEE International	https://www.scopus.com/record/display.url?eid=2-s2.0-85145659121&origin=resultslist

									Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC,2022-1438-1444	
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City	7	6	1.43	4.18	15	21	0	0	Refaat, A.M., Ghazoliy, S., El Samaty, H.S. and 1 more (...) (2024).Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City. Urban Science,8(4)	https://www.scopus.com/record/display.url?eid=2-s2.0-85213274323&origin=resultslist
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	21	6	0.28	14.2	45	61	0	0	Abdelaal, A., Abbas, E.A., Beheary, M.S. (2021).Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt. Arabian Journal of Geosciences,14(15)	https://www.scopus.com/record/display.url?eid=2-s2.0-85110315856&origin=resultslist
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	57	6	0.52	11.52	38	48	0	0	Hassan, A.M., Megahed, N.A. (2022).IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS. Architecture and Engineering,7(4) 17-35	https://www.scopus.com/record/display.url?eid=2-s2.0-85146698821&origin=resultslist
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	51	6	0.33	15.33	45	58	0	0	Yakoub, W.A., Eleinen, O.M.A., Mahmoud, M.F. and 1 more (...) (2021).Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability. International Journal of Sustainable Development and Planning,16(2) 263-275	https://www.scopus.com/record/display.url?eid=2-s2.0-85105811517&origin=resultslist
Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	52	5	0.94	5.34	18	31	0	0	Christodoulou, A., Bezantakos, S., Bourtsoukidis, E. and 18 more (...) (2024).Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban	https://www.scopus.com/record/display.url?eid=2-s2.0-85190333396&origin=resultslist

									haze?. Environment International,186	
Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	54	5	0.39	12.91	42	55	0	0	Eltarabily, S. (2022).Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces. Journal of Sustainable Architecture and Civil Engineering,31(2) 58-84	https://www.scopus.com/record/display.url?eid=2-s2.0-85140739811&origin=resultslist
Proposed hybrid power system for short route ferries	13	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85092172651&origin=resultslist
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	23	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)	https://www.scopus.com/record/display.url?eid=2-s2.0-85213287919&origin=resultslist
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	17	4	0.37	10.89	47	56	0	0	Aretouyap, Z., Abdelfattah, M., Gaber, A. (2022).Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors. Geocarto International,37(26) 14596-14608	https://www.scopus.com/record/display.url?eid=2-s2.0-85132338807&origin=resultslist
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	23	4	0.8	5.01	22	34	0	0	Alkady, Y., Rizk, R., Alsekait, D.M. and 2 more (...) (2024).SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality. IEEE Access,12109171-109183	https://www.scopus.com/record/display.url?eid=2-s2.0-85200802244&origin=resultslist
Environmental influence on the built heritage, Saudi Arabia regions	29	4	1.07	3.74	22	27	0	0	El-Bastawisy, M. (2024).Environmental influence on the built heritage, Saudi Arabia regions. Rendiconti Lincei,35(1) 237-252	https://www.scopus.com/record/display.url?eid=2-s2.0-85185095270&origin=resultslist
The effects of city morphology	35	4	0.57	6.98	37	44	0	0	El Samaty, H.S., Waseef, A.A.E.,	https://www.scopus.com/record/display.url?eid=2-s2.0-85164335151&origin=resultslist

on airborne transmission of COVID-19. Case study: Port Said City, Egypt									Badawy, N.M. (2023).The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt. Urban Climate,50	
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	65	4	0.36	11.04	53	56	0	0	Basaly, L.G., Ibrahim, M.G., Badawy, N.M. and 2 more (...) (2021).Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions. Journal of Urban Planning and Development,147(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85107046407&origin=resultslist
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	18	4	1.28	3.12	22	23	0	0	Habib, F., Megahed, N.A., Badawy, N. and 1 more (...) (2024).D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment. Architectural Science Review,67(5) 437-464	https://www.scopus.com/record/display.url?eid=2-s2.0-85186948971&origin=resultslist
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	17	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85194177973&origin=resultslist
Efficient mining of IoT based data streams for advanced computer vision systems	46	3	0.34	5.91	27	51	0	0	Toor, A.A., Usman, M., Younas, F. and 2 more (...) (2024).Efficient mining of IoT based data streams for advanced computer vision systems. Multimedia Tools and Applications,83(5) 15027-15042	https://www.scopus.com/record/display.url?eid=2-s2.0-85086873333&origin=resultslist
Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	6	3	0.81	3.72	43	35	0	0	Soultan, A., Darwish, M., Al-Johani, N. and 5 more (...) (2023).Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region. Animals,13(18)	https://www.scopus.com/record/display.url?eid=2-s2.0-85172738271&origin=resultslist

Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	37	3	0.58	5.2	27	41	0	0	Farah, E., Fadel, M., Mansour, G. and 13 more (...) (2024).Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds. Environmental Research,263	https://www.scopus.com/record/display.url?eid=2-s2.0-85206158201&origin=resultslist
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	13	3	1.11	2.69	53	26	0	0	Alkady, Y., Rizk, R. (2022).Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities. Lecture Notes on Data Engineering and Communications Technologies,113532-543	https://www.scopus.com/record/display.url?eid=2-s2.0-85128593008&origin=resultslist
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	62	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85148298965&origin=resultslist
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	35	2	1.7	1.18	60	16	0	0	Leila, M.M.S.A., ElBastawisy, M.M. (2022).Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study. Advances in Science, Technology and Innovation,199-212	https://www.scopus.com/record/display.url?eid=2-s2.0-85126486905&origin=resultslist
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System	15	2	0.22	9	50	64	0	0	Yasein, M.S., Khan, E.A. (2023).Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System. International Journal of Advanced Computer Science and Applications,14(11) 222-233	https://www.scopus.com/record/display.url?eid=2-s2.0-85179437123&origin=resultslist

Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	63	2	0.4	2.49	64	54	0	0	Hamdy, W., Darwish, A., Hassanien, A.E. (2021).Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges. Studies in Systems, Decision and Control,36981-91	https://www.scopus.com/record/display.url?eid=2-s2.0-85106062039&origin=resultslist
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	15	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85205945637&origin=resultslist
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	16	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85090551647&origin=resultslist
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	18	0	0	1.4	73	73	0	0	Álvarez, E.Á., Yosry, A.G., Jiménez, A.F. and 2 more (...) (2023).Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case. Proceedings of the ASME Turbo Expo,14	https://www.scopus.com/record/display.url?eid=2-s2.0-85177442718&origin=resultslist
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	21	0	0	3.15	62	61	0	0	Ibrahim, F.M., Abd Elmawla, D.A.E., Elgarhy, S.M.A.A. and 2 more (...) (2024).Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health.	https://www.scopus.com/record/display.url?eid=2-s2.0-85201642871&origin=resultslist

									Gerontology and Geriatric Medicine,10	
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	12	0	0	0.41	62	61	0	0	Mohamed, A.N., Mokadem, A.E., Badawy, N.M. and 1 more (...) (2024).The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects. Advances in Science, Technology and Innovation,27-38	https://www.scopus.com/record/display.url?eid=2-s2.0-85192152265&origin=resultslist
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study	8	0	0	5.06	62	61	0	0	Shahdah, U.E., Alanazi, F., Azam, A. and 1 more (...) (2024).Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study. Applied Sciences (Switzerland),14(11)	https://www.scopus.com/record/display.url?eid=2-s2.0-85195912184&origin=resultslist
Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	19	0	0	2.33	82	79	0	0	El-Bany, M.S. (2021).Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network. Advances in Science, Technology and Innovation,51-57	https://www.scopus.com/record/display.url?eid=2-s2.0-85117702115&origin=resultslist
The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI)	16	0	0	0.62	62	61	0	0	Mohamed, M., Alanbar, A.B., Badawy, N.M. (2024).The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI). Springer Proceedings in Complexity,219-242	https://www.scopus.com/record/display.url?eid=2-s2.0-85182008780&origin=resultslist

Title	DOI	Publication type	Open Access	EID	PubMed ID	Institutions	Number of Institutions	Scopus Affiliation IDs	Scopus Affiliation names
Optimizing biomass pathways to bioenergy and biochar	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	8	60029738| 60024451| 60011418| 60273147| 60000617| 60092747| 60108617| 60274043|	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

application in electricity generation, biodiesel production, and biohydrogen production						Propylene & Polypropylene Company| Assiut University		60274042| 60013183| 60102426	Science| Faculty of Engineering- Port Said University| King Saud University| Xi'an Jiaotong-Liverpool University
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	10.1007/s11356-021-15544-4	Article		2-s2.0-85111538461	34322819	National Institute of Oceanography and Fisheries| Port Said University| Egyptian Propylene & Polypropylene Company	3	60108617| 60274043| 60030271| 60092747	Port Said University| Faculty of Science| National Institute of Oceanography and Fisheries| Egyptian Propylene and Polypropylene Company
The impact of sun sail-shading strategy on the thermal comfort in school courtyards	10.1016/j.buildenv.2021.108046	Article		2-s2.0-85107760803	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	10.1016/j.buildenv.2022.109632	Article		2-s2.0-85138992815	-	Port Said University	1	60274042	Faculty of Engineering- Port Said University
Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	10.3390/wevj15060255	Article	Gold	2-s2.0-85197160733	-	National Research Institute of Astronomy and Geophysics| Port Said University	2	60030681| 60108617| 60274042	National Research Institute of Astronomy and Geophysics, Cairo| Port Said University| Faculty of Engineering- Port Said University
Urban morphology as a passive strategy in promoting outdoor air quality	10.1016/j.jobe.2020.101204	Article		2-s2.0-85078655908	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation	10.1080/19401493.2022.2046165	Article		2-s2.0-85125934410	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University

through field measurement									
COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	10.1016/j.buildenv.2021.108131	Article	Green	2-s2.0-85109908088	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	10.1038/s41598-023-42960-y	Article	Gold|Green	2-s2.0-85171860967	37735217	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	10.1109/ACCESS.2020.2982636	Article	Gold	2-s2.0-85083304826	-	Port Said University	1	60108617| 60274081| 60274042	Port Said University| Faculty of Management Technology and Information Systems| Faculty of Engineering- Port Said University
Impact of urban morphology on pedestrians: A review of urban approaches	10.1016/j.cities.2022.103840	Article		2-s2.0-85133467517	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
A super-learner ensemble of deep networks for vehicle-type classification	10.1109/ACCESS.2020.2997286	Article	Gold	2-s2.0-85086073784	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Improving outdoor air quality based on building morphology: Numerical investigation	10.1016/j.foar.2020.01.001	Article	Gold	2-s2.0-85078941200	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	10.1016/j.sciaf.2022.e01374	Article	Gold|Green	2-s2.0-85138550543	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN,	10.3390/w16020356	Article	Gold	2-s2.0-85183323931	-	Ain Shams University| United Arab Emirates University| Port Said University	3	60108617| 60274079| 60008665| 60216969| 60016618	Port Said University| Faculty of Arts| United Arab Emirates University| College of Science| Ain Shams University

HEC-HMS/RAS, and QGIS									
Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	10.1109/ACCESS.2021.3114646	Article	Gold	2-s2.0-85115786279	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	10.1016/j.ejrs.2020.03.002	Article	Gold	2-s2.0-85082829338	-	National Authority for Remote Sensing and Space Sciences| Umm Al-Qura University| Port Said University	3	60103684| 60274043| 60108617| 60006848	National Authority for Remote Sensing and Space Sciences| Faculty of Science| Port Said University| Umm Al-Qura University
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	10.1016/j.buildenv.2022.109523	Article		2-s2.0-85137640754	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	10.3390/rs13091838	Article	Gold|Green	2-s2.0-85106503436	-	Suez Canal University| Boston University| Port Said University	3	60020322| 60239261| 60019674| 60108617| 60274043	Suez Canal University| Faculty of Science| Boston University| Port Said University| Faculty of Science
Developing a novel solar-driven cool pavement to improve the urban microclimate	10.1016/j.scs.2020.102554	Article		2-s2.0-85093674852	-	Al-Azhar University| Port Said University	2	60004871| 60274955| 60108617| 60274042	Al-Azhar University| Faculty of Engineering| Port Said University| Faculty of Engineering- Port Said University
Analyzing the ultimate impact of COVID-19 in Africa	10.1016/j.cstp.2021.03.016	Article	Green	2-s2.0-85103950581	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass	10.1007/s12649-020-01144-9	Article		2-s2.0-85087572009	-	Al-Azhar University| King Abdulaziz University| Port Said University	3	60274043| 60108617| 60004871| 60274951| 60004582| 60238510	Faculty of Science| Port Said University| Al-Azhar University| Faculty of Science| King Abdulaziz University| Faculty of Sciences, King Abdulaziz University

Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	10.1016/j.aej.2022.06.007	Article	Gold	2-s2.0-85132236190	-	Dar Al Uloom University| University of Business and Technology| Port Said University	3	60193233| 60108617| 60274042| 60122462	Dar Al Uloom University| Port Said University| Faculty of Engineering- Port Said University| University of Business and Technology
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	10.3390/buildings12111935	Article	Gold|Green	2-s2.0-85141835649	-	Arab Academy for Science, Technology and Maritime Transport| Suez Canal University| Port Said University	3	60007253| 60108617| 60274042| 60020322	Arab Academy for Science, Technology and Maritime Transport| Port Said University| Faculty of Engineering- Port Said University| Suez Canal University
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	10.1016/j.dwt.2024.100086	Article	Gold	2-s2.0-85185598253	-	Port Said University	1	60108617| 60274043| 130924066| 60274042| 130923813	Port Said University| Faculty of Science| Higher Institute of Optics Technology| Faculty of Engineering- Port Said University| Higher Institute of Engineering and Technology
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	10.1016/j.foar.2023.09.003	Review	Gold	2-s2.0-85177549941	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	10.1016/j.ejrs.2018.11.004	Article	Gold	2-s2.0-85057746667	-	Cairo University| Port Said University	2	60010294| 60026365| 60108617| 60274043	Cairo University| Faculty of Science| Port Said University| Faculty of Science
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	10.1016/j.asej.2022.101785	Review	Gold	2-s2.0-85127754416	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Potential application of solar still	10.1007/s13201-024-02115-4	Article	Gold	2-s2.0-85185564484	-	Mansoura University| University of Tabuk| King Faisal University| University of Jeddah| Aswan University| Port Said University	6	60110514| 60231617| 60012022| 60216392| 60107271| 60030736|	University of Tabuk| Faculty of Engineering| Mansoura University| Faculty of Engineering| Aswan University| King Faisal University|

desalination in NEOM region								60274042| 60108617| 60108699	Faculty of Engineering- Port Said University| Port Said University| University of Jeddah
Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	10.1016/j.foar.2024.02.015	Article	Gold	2-s2.0-85191011684	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
COVID-19 from mysterious enemy to an environmental detection process: a critical review	10.1007/s41062-020-00334-7	Review	Bronze|Green	2-s2.0-85087869182	-	Suez University| University of Jeddah| Port Said University	3	60104710| 60274485| 60108699| 60274043| 60108617	Suez University| Faculty of Science| University of Jeddah| Faculty of Science| Port Said University
Enhancing Object Detection in Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection	10.3390/rs16010051	Article	Gold	2-s2.0-85181889137	-	University of Calgary| Port Said University	2	60002306| 60108617	University of Calgary| Port Said University
UMC-based models: An integrating UMC performance analysis and numerical methods	10.1016/j.rser.2023.113307	Article		2-s2.0-85158169930	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Removal of hazardous organic pollutants using fly ash	10.13189/eer.2021.090407	Article	Gold	2-s2.0-85114496359	-	Zewail City of Science and Technology| Port Said University	2	60108617| 60274042| 60104893| 60274173	Port Said University| Faculty of Engineering- Port Said University| Zewail City of Science and Technology| University of Science and Technology
Wind–water experimental analysis of small sc-darrieus turbine: An approach for energy production in urban systems	10.3390/su13095256	Article	Gold|Green	2-s2.0-85105987755	-	University of Oviedo| Port Said University	2	60006793| 60274042| 60108617	Universidad de Oviedo| Faculty of Engineering- Port Said University| Port Said University
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	10.1016/j.ijbiomac.2024.136994	Review		2-s2.0-85205532115	39491712	University of Jeddah| Port Said University| Egyptian Propylene & Polypropylene Company	3	60108640| 60108699| 60274043| 60108617| 60092747	KPR Institute of Engineering and Technology| University of Jeddah| Faculty of Science| Port Said University| Egyptian Propylene and Polypropylene Company
Assessing Xeriscaping as a Retrofit	10.3390/w14111681	Article	Gold|Green	2-s2.0-85131559735	-	King Faisal University| Port Said University| Helwan University	3	60030736| 60108617| 60274042| 60029258| 60273335	King Faisal University| Port Said University| Faculty of Engineering- Port Said University|

Sustainable Water Consumption Approach for a Desert University Campus									Helwan University| Faculty of Tourisim & Hotel Management
Efficient energy and completion time for dependent task computation offloading algorithm in industry 4.0	10.1371/journal.pone.0252756	Article	Gold|Green	2-s2.0-85107444665	34101767	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	10.1080/17452007.2024.2337933	Review		2-s2.0-85190977160	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	10.1016/j.microc.2024.110175	Article		2-s2.0-85185929131	-	Al-Imam Muhammad Ibn Saud Islamic University| Suez University| Umm Al-Qura University| University of Monastir| Port Said University	5	60005880| 60108617| 60274043| 60091678| 60050038| 60006848| 60274485| 60104710	Imam Mohammad Ibn Saud Islamic University| Port Said University| Faculty of Science| Institut Supérieur des Etudes Technologiques de Ksar-Hellal| Université de Monastir| Umm Al-Qura University| Faculty of Science| Suez University
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	10.3390/buildings14123818	Review	Gold|Green	2-s2.0-85213080624	-	Western Sydney University| Torrens University Australia| University of British Columbia| Port Said University	4	60274042| 60108617| 60017803| 60109096| 60010365	Faculty of Engineering- Port Said University| Port Said University| Western Sydney University| Torrens University Australia| The University of British Columbia
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	10.1007/978-3-031-03918-8_43	Chapter		2-s2.0-85128606857	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection	10.1109/PIMRC54779.2022.9977546	Conference Paper		2-s2.0-85145659121	-	Suez Canal University| University of Surrey| Port Said University	3	120735706| 60021097| 60239348| 60274042	Information Technology Institution| University of Surrey| Faculty of Engineering| Faculty of Engineering- Port Said University
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing	10.3390/urbansci8040172	Article	Gold	2-s2.0-85213274323	-	Dar Al Uloom University| University of Business and Technology| Port Said University| Effat University| Assiut University	5	60107224| 60273137| 60000617| 60108617| 60274042| 60193233| 60122462	Effat University| Faculty of Engineering| Assiut University| Port Said University| Faculty of Engineering- Port Said University| Dar Al Uloom University| University of Business and Technology

Quality of Life in Jeddah City									
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	10.1007/s12517-021-07821-w	Article		2-s2.0-85110315856	-	Port Said University	1	60108617| 60274043	Port Said University| Faculty of Science
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	10.23968/2500-0055-2022-7-4-17-35	Article	Gold	2-s2.0-85146698821	-	Port Said University	1	60108617	Port Said University
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	10.18280/IJSDP.160206	Article	Bronze	2-s2.0-85105811517	-	Suez Canal University| Port Said University	2	60108617| 60274042| 60239348| 60020322	Port Said University| Faculty of Engineering- Port Said University| Faculty of Engineering| Suez Canal University
Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	10.1016/j.envint.2024.108610	Article	Gold|Green	2-s2.0-85193033396	38626495	Université Clermont Auvergne| Saint Joseph University| The Cyprus Institute| Institut Polytechnique de Paris| Cairo University| National Observatory of Athens| Paris-Est Sup| Centre national d'études spatiales| Université Paris-Saclay| University of Bremen| École polytechnique| Commissariat à l'énergie atomique et aux énergies alternatives| IMT Nord Europe| CNRS| Université de Lille| National Research Center| Institut de recherche pour le développement| Université Paris Cité| Université Paris-Est Créteil| Institut Mines-Télécom| Port Said University	21	60139025| 60104665| 60109902| 60011619| 60014618| 60274042| 60108617| 60010294| 60026365| 60007816| 60008134| 60045588| 60029937| 131149375| 60068764| 60138276| 60138762| 60008293| 60105979	The Cyprus Institute| Université de Lille| IMT Nord Europe| National Observatory of Athens| National Research Centre| Faculty of Engineering- Port Said University| Port Said University| Cairo University| Faculty of Science| Commissariat a l'Energie Atomique et aux Energies Alternatives| CNRS Centre National de la Recherche Scientifique| Laboratoire des Sciences du Climat et de l'Environnement| Université de Versailles Saint-Quentin-en-Yvelines| Research and Development Department| Université Saint-Joseph de Beyrouth| Université Clermont Auvergne| Laboratoire de Météorologie Physique (LaMP)| Universität Bremen| MARUM – Zentrum für Marine Umweltwissen-schaften
Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	10.5755/j01.sace.31.2.31311	Article	Gold	2-s2.0-85140739811	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Proposed hybrid power system for short route ferries	10.17818/NM/2020/3.6	Article	Gold|Green	2-s2.0-85092172651	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
Geo-Environmental Risk Assessment of	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	Najran University| National Authority for Remote Sensing and Space Sciences| Faculty of Arts| Cairo University| Division of Scientific Training and Continuing Studies| RUDN

Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques									University| Port Said University| Faculty of Arts
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	10.1080/10106049.2022.2088865	Article		2-s2.0-85132338807	-	Université de Dschang| Port Said University	2	60070932| 60108617| 60274043	University of Dschang| Port Said University| Faculty of Science
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	10.1109/ACCESS.2024.3439357	Article	Gold	2-s2.0-85200802244	-	Jadara University| Benha University| Middle East University, Jordan| Princess Nourah Bint Abdulrahman University| Misr International University| Port Said University	6	60273369| 60022915| 60108617| 60274042| 60105146| 60026112| 60250899| 60139033| 60109124	Faculty of Computer Science| Misr International University| Port Said University| Faculty of Engineering- Port Said University| Princess Nourah Bint Abdulrahman University| Benha University| Faculty of Computers and Information| Jadara University| Middle East University Jordan
Environmental influence on the built heritage, Saudi Arabia regions	10.1007/s12210-024-01223-2	Article		2-s2.0-85185095270	-	Umm Al-Qura University| Port Said University	2	60006848| 60108617	Umm Al-Qura University| Port Said University
The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt	10.1016/j.uclim.2023.101577	Article	Hybrid gold|Green	2-s2.0-85164335151	-	Dar Al Uloom University| University of Business and Technology| Port Said University	3	60193233| 60108617| 60274042| 60122462	Dar Al Uloom University| Port Said University| Faculty of Engineering- Port Said University| University of Business and Technology
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	10.1061/(ASCE)UP.1943-5444.0000724	Article		2-s2.0-85107046407	-	Egypt-Japan University of Science and Technology| Suez Canal University| Alexandria University| Institute of Science Tokyo| Port Said University	5	60117075| 60273876| 60283164| 60239348| 60020322| 60033041| 60004039| 60274042| 60108617	Egypt-Japan University of Science and Technology| Faculty of Engineering| Institute of Science Tokyo| Faculty of Engineering| Suez Canal University| Alexandria University| High Institute of Public Health| Faculty of Engineering- Port Said University| Port Said University
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	10.1080/00038628.2024.2321584	Article		2-s2.0-85186948971	-	Dar Al Uloom University| Port Said University	2	60108617| 60274042| 60193233	Port Said University| Faculty of Engineering- Port Said University| Dar Al Uloom University
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in	10.1007/s11804-024-00423-4	Article		2-s2.0-85194177973	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University

Port Said West Port									
Efficient mining of IoT based data streams for advanced computer vision systems	10.1007/s11042-020-09175-z	Article		2-s2.0-85086873333	-	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad| Western Michigan University| Saudi Electronic University | Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Karachi| Port Said University	5	60113239| 60110529| 60274042| 60108617| 60000879	Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad| Saudi Electronic University| Faculty of Engineering- Port Said University| Port Said University| Western Michigan University
Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	10.3390/ani13182885	Article	Gold|Green	2-s2.0-85172738271	-	King Saud University| Port Said University	2	128388413| 60013183| 60274043| 60108617	The Royal Commission for AlUla| King Saud University| Faculty of Science| Port Said University
Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	10.1016/j.envres.2024.120118	Article		2-s2.0-85206158201	39384006	Université Clermont Auvergne| Saint Joseph University| IMT Nord Europe| The Cyprus Institute| Université de Lille| Cairo University| CNRS| National Research Center| Institut Mines-Télécom| National Academy of Sciences of the Republic of Armenia| Port Said University| Université du Littoral Côte-d'Opale	12	60068764| 60122704| 60017689| 60139025| 60014618| 60274042| 60108617| 60070857| 60026365| 60010294| 60109902| 60104665| 60138276| 60008134| 60138762	Université Saint-Joseph de Beyrouth| Unité de Chimie Environnementale et Interactions sur le Vivant| Université du Littoral Côte d'Opale| The Cyprus Institute| National Research Centre| Faculty of Engineering- Port Said University| Port Said University| Institute for Physical Research National Academy of Sciences of Armenia| Faculty of Science| Cairo University| IMT Nord Europe| Université de Lille| Université Clermont Auvergne| CNRS Centre National de la Recherche Scientifique| Laboratoire de Météorologie Physique (LaMP)
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	10.1007/978-3-031-03918-8_44	Chapter		2-s2.0-85128593008	-	Sinai University| Port Said University	2	60082030| 60273913| 60273851| 60108617| 60274042	Sinai University| Faculty of Information Technology & Computer Science| Faculty of Information Technology and Computer Science| Port Said University| Faculty of Engineering- Port Said University
Applying green urbanism during spatial urban transformation : a schematic plan, Nasr City, Cairo, Egypt	10.1007/s12210-023-01134-8	Article		2-s2.0-85148298965	-	Umm Al-Qura University| Port Said University	2	60006848| 60108617	Umm Al-Qura University| Port Said University
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	10.1007/978-3-030-74482-3_16	Chapter		2-s2.0-85126486905	-	Mansoura University| Port Said University	2	60012022| 60231617| 60274042| 60108617	Mansoura University| Faculty of Engineering| Faculty of Engineering- Port Said University| Port Said University
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims'	10.14569/IJACSA.2023.0141121	Article	Gold	2-s2.0-85179437123	-	Umm Al-Qura University| Port Said University	2	60006848| 60108617| 60274042	Umm Al-Qura University| Port Said University| Faculty of Engineering- Port Said University

Transportation System									
Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	10.1007/978-3-030-72933-2_5	Chapter		2-s2.0-85106062039	-	Cairo University| Port Said University| Helwan University	3	60274043| 60108617| 60273143| 60029258| 60243149| 60010294	Faculty of Science| Port Said University| Faculty of Science| Helwan University| Faculty of Computers and Artificial Intelligence| Cairo University
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	-	Article		2-s2.0-85205945637	-	Port Said University	1	60108617| 60274042	Port Said University| Faculty of Engineering- Port Said University
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	10.18848/2325-1662/CGP/V14I01/27-39	Article		2-s2.0-85095551647	-	Suez Canal University| Port Said University	2	60020322| 60108617	Suez Canal University| Port Said University
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	10.1115/GT2023-104182	Conference Paper		2-s2.0-85177442718	-	University of Oviedo| Port Said University	2	60006793| 60108617| 60274042	Universidad de Oviedo| Port Said University| Faculty of Engineering- Port Said University
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	10.1177/23337214241273292	Article	Gold|Green	2-s2.0-85201642871	-	Ras Al Khaima Medical and Health Sciences University| Mansoura University| Prince Sattam Bin Abdulaziz University| Port Said University| Damanhour University	5	60012022| 60113249| 60105346| 60105222| 60108617	Mansoura University| Ras Al Khaima Medical and Health Sciences University (RAK)| Damanhour University| Prince Sattam Bin Abdulaziz University| Port Said University
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	10.1007/978-3-031-47794-2_3	Conference Paper		2-s2.0-85192152265	-	Arab Academy for Science, Technology and Maritime Transport| Suez Canal University| Port Said University	3	60275137| 60275183| 60274042| 60108617| 60239348| 60020322	Arab Academy for Science, Technology and Maritime Transport Port Said Campus| College of Engineering and Technology| Faculty of Engineering- Port Said University| Port Said University| Faculty of Engineering| Suez Canal University
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A	10.3390/app14114352	Article	Gold	2-s2.0-85195912184	-	Mansoura University| Al Jouf University| Port Said University	3	60231617| 60012022| 60104126| 60108617| 60274042	Faculty of Engineering| Mansoura University| Jouf University| Port Said University| Faculty of Engineering- Port Said University

Simulation Study									
Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	10.1007/978-3-030-74349-9_5	Chapter		2-s2.0-85117702115	-	Port Said University	1	60274042| 60108617	Faculty of Engineering- Port Said University| Port Said University
The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI)	10.1007/978-3-031-44721-1_18	Conference Paper		2-s2.0-85182008780	-	Zagazig University| Effat University| Port Said University	3	60107224| 60274154| 60003593| 60108617	Effat University| Faculty of Engineering| Zagazig University| Port Said University

Title	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	Quacquarelli Symonds (QS) Subject area code
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	5.54E+10	3.61E+10	55362658600| 56223568100| 36140024400	-	United Kingdom| China| Egypt| Japan| Saudi Arabia| Malaysia	6	2304	Environmental Chemistry	4| 2
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2304| 2307| 2310	Environmental Chemistry| Health, Toxicology and Mutagenesis| Pollution	3| 2| 5| 4
The impact of sun sail-shading strategy on the thermal comfort in school courtyards	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2205| 2215| 2305| 3305	Civil and Structural Engineering| Building and Construction| Environmental Engineering| Geography, Planning and Development	3| 2
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	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	3| 2
Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2203	Automotive Engineering	2
Urban morphology as a passive strategy in promoting outdoor air quality	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2205| 2211| 2213| 2215| 2216	Civil and Structural Engineering| Mechanics of Materials| Safety, Risk, Reliability and Quality| Building and Construction| Architecture	1| 2
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement	5.75E+10	5.72E+10	5.75E+10	-	Egypt	1	1706| 2215| 2216| 2611	Computer Science Applications| Building and Construction| Architecture| Modeling and Simulation	2| 4| 1

COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	5.72E+10	5.59E+10	5.72E+10	-	Egypt	1	2205| 2215| 2305| 3305	Civil and Structural Engineering| Building and Construction| Environmental Engineering| Geography, Planning and Development	2| 3
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	2.4E+10	5.72E+10	5.72E+10	-	Egypt	1	1000	Multidisciplinary	-
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	5.65E+10	2.66E+10	2.66E+10	-	Egypt	1	1700| 2200| 2500	General Computer Science| General Engineering| General Materials Science	2
Impact of urban morphology on pedestrians: A review of urban approaches	5.78E+10	5.67E+10	5.78E+10	-	Egypt	1	1409| 3303| 3312| 3322	Tourism, Leisure and Hospitality Management| Development| Sociology and Political Science| Urban Studies	3
A super-learner ensemble of deep networks for vehicle-type classification	5.72E+10	2.65E+10	5.72E+10	-	Egypt	1	1700| 2200| 2208| 2500	General Computer Science| General Engineering| Electrical and Electronic Engineering| General Materials Science	2
Improving outdoor air quality based on building morphology: Numerical investigation	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2215| 2216| 3302| 3322	Building and Construction| Architecture| Archeology| Urban Studies	1| 2| 3
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	5.59E+10	2.65E+10	5.59E+10	-	Egypt	1	1000	Multidisciplinary	-
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS	5.72E+10	5.72E+10	5.72E+10	-	United Arab Emirates| Egypt	2	1104| 1303| 2312| 3305	Aquatic Science| Biochemistry| Water Science and Technology| Geography, Planning and Development	3| 2| 5
Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	3.68E+10	2.66E+10	3.68E+10	-	Egypt	1	1700| 2200| 2500	General Computer Science| General Engineering| General Materials Science	2
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	3.57E+10	3.67E+10	3.57E+10	-	Egypt| Saudi Arabia	2	1900	General Earth and Planetary Sciences	4| 2
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	5.79E+10	5.72E+10	5.79E+10	-	Egypt	1	2205| 2215| 2305| 3305	Civil and Structural Engineering| Building and Construction| Environmental Engineering| Geography, Planning and Development	2| 3
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	5.72E+10	2.4E+10	2.4E+10	-	Egypt| United States	2	1900	General Earth and Planetary Sciences	4| 2
Developing a novel solar-driven cool pavement to improve the urban microclimate	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2105| 2205| 3305| 3313	Renewable Energy, Sustainability and the Environment| Civil and Structural Engineering| Geography, Planning and Development| Transportation	2| 3
Analyzing the ultimate impact of COVID-19 in Africa	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	3305| 3313| 3322	Geography, Planning and Development| Transportation| Urban Studies	3
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using	5.72E+10	5.54E+10	5.92E+10	-	Egypt| Saudi Arabia	2	2105| 2305| 2311	Renewable Energy, Sustainability and the Environment|	3| 2

Certain Wastewater Bacteria and Aquatic Macrophytes Biomass								Environmental Engineering| Waste Management and Disposal	
Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	5.67E+10	5.72E+10	5.72E+10	-	Egypt| Saudi Arabia	2	2200	General Engineering	2
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	5.8E+10	5.67E+10	57963488700| 57172933900| 57963854400| 56736588300	-	Egypt	1	2205| 2215| 2216	Civil and Structural Engineering| Building and Construction| Architecture	2| 1
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	5.89E+10	5.72E+10	5.89E+10	-	Egypt	1	2212| 2310| 2312	Ocean Engineering| Pollution| Water Science and Technology	2| 4| 3
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	5.87E+10	5.72E+10	5.87E+10	-	Egypt	1	2215| 2216| 3302| 3322	Building and Construction| Architecture| Archeology| Urban Studies	2| 1| 3
Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	5.72E+10	5.59E+10	5.72E+10	-	Egypt	1	1900	General Earth and Planetary Sciences	4| 2
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	-	-	5.75E+10	5.75E+10	Egypt	1	2200	General Engineering	2
Potential application of solar still desalination in NEOM region	3.68E+10	5.7E+10	3.68E+10	-	Egypt| Saudi Arabia	2	2312	Water Science and Technology	2
Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	5.79E+10	5.59E+10	5.79E+10	-	Egypt	1	2215| 2216| 3302| 3322	Building and Construction| Architecture| Archeology| Urban Studies	1| 3| 2
COVID-19 from mysterious enemy to an environmental detection process: a critical review	5.72E+10	5.72E+10	9.43E+09	-	Egypt| Saudi Arabia	2	1909| 2201| 2205| 2215| 2305	Geotechnical Engineering and Engineering Geology| Engineering (miscellaneous)| Civil and Structural Engineering| Building and Construction| Environmental Engineering	2| 4
Enhancing Object Detection in Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection	5.88E+10	3.62E+10	5.88E+10	-	Egypt| Canada	2	1900	General Earth and Planetary Sciences	2| 4
UMC-based models: An integrating UMC performance analysis and numerical methods	-	-	-	5.72E+10	Egypt	1	2105	Renewable Energy, Sustainability and the Environment	2
Removal of hazardous organic pollutants using fly ash	5.73E+10	5.72E+10	5.72E+10	-	Egypt	1	2301| 2303| 2309| 2310	Environmental Science (miscellaneous)| Ecology| Nature and Landscape Conservation| Pollution	3| 4| 2
Wind–water experimental analysis of small sc-darrieus	5.72E+10	5.72E+10	5.72E+10	-	Spain| Egypt	2	1701| 1705| 1708| 2102| 2105| 2215| 2301| 2308| 3305	Computer Science (miscellaneous)| Computer Networks and Communications| Hardware and	2| 3

turbine: An approach for energy production in urban systems								Architecture| Energy Engineering and Power Technology| Renewable Energy, Sustainability and the Environment| Building and Construction| Environmental Science (miscellaneous)| Management, Monitoring, Policy and Law| Geography, Planning and Development	
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	5.72E+10	5.72E+10	57226315795| 57192696143	-	India| Egypt| Saudi Arabia	3	1303| 1312| 1315	Biochemistry| Molecular Biology| Structural Biology	5
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	5.77E+10	4.38E+10	57732309400| 43762250600	-	Egypt| Saudi Arabia	2	1104| 1303| 2312| 3305	Aquatic Science| Biochemistry| Water Science and Technology| Geography, Planning and Development	5| 3| 2
Efficient energy and completion time for dependent task computation offloading algorithm in industry 4.0	3.53E+10	2.66E+10	5.72E+10	-	Egypt	1	1000	Multidisciplinary	-
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	5.79E+10	5.72E+10	5.79E+10	-	Egypt	1	1400| 2215| 2216	General Business,Management and Accounting| Building and Construction| Architecture	1| 2| 3
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	5.72E+10	3.61E+10	3.61E+10	-	Egypt| Tunisia| Saudi Arabia	3	1602| 1607	Analytical Chemistry| Spectroscopy	4
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	5.79E+10	3.5E+10	57882214000| 36240229200	-	Egypt| Australia| Canada	3	2205| 2215| 2216	Civil and Structural Engineering| Building and Construction| Architecture	2| 1
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	5.76E+10	2.66E+10	5.76E+10	-	Egypt	1	1705| 1706| 1710| 2208| 2214	Computer Networks and Communications| Computer Science Applications| Information Systems| Electrical and Electronic Engineering| Media Technology	2
Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection	5.8E+10	3.7E+10	5.8E+10	-	United Kingdom| Egypt	2	2208	Electrical and Electronic Engineering	2
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City	5.72E+10	5.72E+10	5.72E+10	-	Egypt| Saudi Arabia	2	2301| 2310| 2311| 3305| 3322	Environmental Science (miscellaneous)| Pollution| Waste Management and Disposal| Geography, Planning and Development| Urban Studies	3| 2
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	6E+10	6.5E+09	6E+10	-	Egypt	1	1900| 2300	General Earth and Planetary Sciences| General Environmental Science	2| 4
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	5.72E+10	5.59E+10	5.72E+10	-	Egypt	1	2211| 2215| 2216	Mechanics of Materials| Building and Construction| Architecture	2| 1
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	2105| 2308| 3305	Renewable Energy, Sustainability and the Environment| Management, Monitoring, Policy and Law| Geography, Planning and Development	3| 2

Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	5.72E+10	1.73E+10	5.72E+10	-	Lebanon| Egypt| Germany| Slovenia| Greece| France| Cyprus	7	2300	General Environmental Science	2
Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	-	-	5.72E+10	5.72E+10	Egypt	1	2105| 2205| 2215| 2216	Renewable Energy, Sustainability and the Environment| Civil and Structural Engineering| Building and Construction| Architecture	1| 2
Proposed hybrid power system for short route ferries	1.51E+10	2.31E+10	-	-	Egypt	1	1508| 2212| 2312| 3313	Process Chemistry and Technology| Ocean Engineering| Water Science and Technology| Transportation	2| 4| 3
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	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	3| 2
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	5.64E+10	2.4E+10	5.64E+10	-	Egypt| Cameroon	2	2312| 3305	Water Science and Technology| Geography, Planning and Development	2| 3
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	5.61E+10	5.56E+10	56080786900| 57188804403| 56495371800	-	Egypt| Saudi Arabia| Jordan	3	1700| 2200| 2500	General Computer Science| General Engineering| General Materials Science	2
Environmental influence on the built heritage, Saudi Arabia regions	-	-	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	2| 4| 5
The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt	5.72E+10	5.67E+10	5.72E+10	-	Egypt| Saudi Arabia	2	1902| 2301| 3305| 3322	Atmospheric Science| Environmental Science (miscellaneous)| Geography, Planning and Development| Urban Studies	4| 3| 2
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	5.72E+10	5.59E+10	5.72E+10	-	Egypt| Japan	2	2205| 3303| 3305| 3322	Civil and Structural Engineering| Development| Geography, Planning and Development| Urban Studies	2| 3
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	5.89E+10	5.72E+10	5.89E+10	-	Egypt| Saudi Arabia	2	2216	Architecture	1
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	5.91E+10	1.51E+10	5.91E+10	-	Egypt	1	2210| 2212	Mechanical Engineering| Ocean Engineering	2| 4
Efficient mining of IoT based data streams for advanced computer vision systems	5.72E+10	7E+09	7E+09	-	Egypt| Saudi Arabia| United States| Pakistan	4	1705| 1708| 1712| 2214	Computer Networks and Communications| Hardware and Architecture| Software| Media Technology	2
Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	5.72E+10	5.86E+10	5.72E+10	-	Egypt| Saudi Arabia	2	1103| 3400	Animal Science and Zoology| General Veterinary	5

Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	5.94E+10	2.64E+10	2.64E+10	-	Lebanon| Egypt| Armenia| France| Cyprus	5	1303| 2300	Biochemistry| General Environmental Science	5| 2
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	5.61E+10	2.66E+10	5.61E+10	-	Egypt	1	1705| 1706| 1710| 2208| 2214	Computer Networks and Communications| Computer Science Applications| Information Systems| Electrical and Electronic Engineering| Media Technology	2
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	-	-	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	2| 4| 5
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	5.73E+10	5.75E+10	5.73E+10	-	Egypt	1	2105| 2216| 2304	Renewable Energy, Sustainability and the Environment| Architecture| Environmental Chemistry	2| 4| 1
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System	6.51E+09	7.1E+09	-	-	Egypt| Saudi Arabia	2	1700	General Computer Science	2
Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	1701| 1801| 2001| 2203| 2207| 2606| 3301	Computer Science (miscellaneous)| Decision Sciences (miscellaneous)| Economics, Econometrics and Finance (miscellaneous)| Automotive Engineering| Control and Systems Engineering| Control and Optimization| Social Sciences (miscellaneous)	2| 4| 3
Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	5.86E+10	5.94E+10	5.86E+10	-	Egypt	1	1202| 2212| 3316	History| Ocean Engineering| Cultural Studies	1| 2| 3| 4
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	5.72E+10	5.72E+10	5.72E+10	-	Egypt	1	1213| 2216| 3322	Visual Arts and Performing Arts| Architecture| Urban Studies	1| 3
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	5.72E+10	5.87E+10	5.72E+10	-	Spain| Egypt	2	2200	General Engineering	2
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	5.72E+10	5.72E+10	5.72E+10	-	United Arab Emirates| Egypt| Saudi Arabia	3	2717	Geriatrics and Gerontology	5
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	5.8E+10	5.8E+10	5.8E+10	-	Egypt	1	2105| 2216| 2304	Renewable Energy, Sustainability and the Environment| Architecture| Environmental Chemistry	1| 4| 2
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study	5.6E+10	5.72E+10	57646404400| 55778599500	-	Egypt| Saudi Arabia	2	1507| 1508| 1706| 2200| 2500| 3105	Fluid Flow and Transfer Processes| Process Chemistry and Technology| Computer Science Applications| General Engineering| General Materials Science| Instrumentation	4| 2

Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	-	-	5.64E+10	5.64E+10	Egypt	1	2105| 2216| 2304	Renewable Energy, Sustainability and the Environment| Architecture| Environmental Chemistry	4| 2| 1
The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI)	5.72E+10	5.67E+10	5.72E+10	-	Egypt| Saudi Arabia	2	1706| 2604| 2611	Computer Science Applications| Applied Mathematics| Modeling and Simulation	2| 4

Title	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
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	Natural Sciences| Engineering & Technology	424| 249	Environmental Sciences| Engineering - Petroleum	37	Physical Sciences
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	Social Sciences & Management| Engineering & Technology| Life Sciences & Medicine| Natural Sciences	424| 249	Environmental Sciences| Engineering - Petroleum	37| 34	Physical Sciences| Medical and Health
The impact of sun sail-shading strategy on the thermal comfort in school courtyards	Social Sciences & Management| Engineering & Technology	424| 106| 220| 425	Environmental Sciences| Architecture| Engineering - Civil & Structural| Geography	40| 37| 36	Social Sciences| Physical Sciences| Engineering
The impact of urban geometry on outdoor thermal comfort in a hot-humid climate	Social Sciences & Management| Engineering & Technology	424| 106| 220| 425	Environmental Sciences| Architecture| Engineering - Civil & Structural| Geography	37| 36| 40	Physical Sciences| Engineering| Social Sciences
Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	Engineering & Technology	222	Engineering - Mechanical	36	Engineering
Urban morphology as a passive strategy in promoting outdoor air quality	Arts & Humanities| Engineering & Technology	222| 249| 433| 106| 220	Engineering - Mechanical| Engineering - Petroleum| Materials Science| Architecture| Engineering - Civil & Structural	36| 33	Engineering| Arts and Humanities
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement	Engineering & Technology| Natural Sciences| Arts & Humanities	106| 431| 220| 212| 213	Architecture| Mathematics| Engineering - Civil & Structural| Computer Science & Information Systems| Data Science	33| 38| 37| 36	Arts and Humanities| Computer Science| Physical Sciences| Engineering
COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	Engineering & Technology| Social Sciences & Management	425| 106| 424| 220	Geography| Architecture| Environmental Sciences| Engineering - Civil & Structural	40| 36| 37	Social Sciences| Engineering| Physical Sciences
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	-	-	-	-	-
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	Engineering & Technology	212| 433	Computer Science & Information Systems| Materials Science	38| 36	Computer Science| Engineering
Impact of urban morphology on pedestrians: A review of urban approaches	Social Sciences & Management	327| 315| 342| 106	Hospitality & Leisure Management| Development Studies| Sociology| Architecture	35| 40	Business and Economics| Social Sciences

A super-learner ensemble of deep networks for vehicle-type classification	Engineering & Technology	433| 221| 249| 212	Materials Science| Engineering - Electrical & Electronic| Engineering - Petroleum| Computer Science & Information Systems	36| 38	Engineering| Computer Science
Improving outdoor air quality based on building morphology: Numerical investigation	Arts & Humanities| Engineering & Technology| Social Sciences & Management	105| 220| 106	Archaeology| Engineering - Civil & Structural| Architecture	36| 40| 33	Engineering| Social Sciences| Arts and Humanities
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	-	-	-	-	-
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS	Social Sciences & Management| Engineering & Technology| Life Sciences & Medicine	502| 507| 424| 425	Agriculture & Forestry| Biological Sciences| Environmental Sciences| Geography	37| 32| 40	Physical Sciences| Life Sciences| Social Sciences
Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	Engineering & Technology	212| 433	Computer Science & Information Systems| Materials Science	36| 38	Engineering| Computer Science
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	Natural Sciences| Engineering & Technology	450| 416| 249| 451	Geology| Earth & Marine Sciences| Engineering - Petroleum| Geophysics	37	Physical Sciences
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	Engineering & Technology| Social Sciences & Management	106| 424| 425| 220	Architecture| Environmental Sciences| Geography| Engineering - Civil & Structural	36| 37| 40	Engineering| Physical Sciences| Social Sciences
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	Natural Sciences| Engineering & Technology	416| 249| 450| 451	Earth & Marine Sciences| Engineering - Petroleum| Geology| Geophysics	37	Physical Sciences
Developing a novel solar-driven cool pavement to improve the urban microclimate	Engineering & Technology| Social Sciences & Management	106| 425| 220| 221	Architecture| Geography| Engineering - Civil & Structural| Engineering - Electrical & Electronic	36| 40	Engineering| Social Sciences
Analyzing the ultimate impact of COVID-19 in Africa	Social Sciences & Management	425| 106	Geography| Architecture	40	Social Sciences
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass	Social Sciences & Management| Engineering & Technology	221| 424	Engineering - Electrical & Electronic| Environmental Sciences	36| 37	Engineering| Physical Sciences
Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	Engineering & Technology	-	-	36	Engineering
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	Engineering & Technology| Arts & Humanities	220| 106	Engineering - Civil & Structural| Architecture	36| 33	Engineering| Arts and Humanities
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	Engineering & Technology| Natural Sciences| Social Sciences & Management	451| 416| 247| 249| 424	Geophysics| Earth & Marine Sciences| Engineering - Mineral & Mining| Engineering - Petroleum| Environmental Sciences	37| 36	Physical Sciences| Engineering
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	Engineering & Technology| Arts & Humanities| Social Sciences & Management	105| 220| 106	Archaeology| Engineering - Civil & Structural| Architecture	33| 36| 40	Arts and Humanities| Engineering| Social Sciences
Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	Natural Sciences| Engineering & Technology	416| 450| 451| 249	Earth & Marine Sciences| Geology| Geophysics| Engineering - Petroleum	37	Physical Sciences
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	Engineering & Technology	-	-	36	Engineering
Potential application of solar still desalination in NEOM region	Engineering & Technology	424	Environmental Sciences	37	Physical Sciences

Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	Arts & Humanities| Social Sciences & Management| Engineering & Technology	106| 220| 105	Architecture| Engineering - Civil & Structural| Archaeology	40| 36| 33	Social Sciences| Engineering| Arts and Humanities
COVID-19 from mysterious enemy to an environmental detection process: a critical review	Engineering & Technology| Natural Sciences	106| 450| 416| 424| 220| 247| 451| 249	Architecture| Geology| Earth & Marine Sciences| Environmental Sciences| Engineering - Civil & Structural| Engineering - Mineral & Mining| Geophysics| Engineering - Petroleum	36| 37	Engineering| Physical Sciences
Enhancing Object Detection in Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection	Engineering & Technology| Natural Sciences	450| 416| 451| 249	Geology| Earth & Marine Sciences| Geophysics| Engineering - Petroleum	37	Physical Sciences
UMC-based models: An integrating UMC performance analysis and numerical methods	Engineering & Technology	221	Engineering - Electrical & Electronic	36	Engineering
Removal of hazardous organic pollutants using fly ash	Social Sciences & Management| Natural Sciences| Engineering & Technology	424	Environmental Sciences	37	Physical Sciences
Wind–water experimental analysis of small sc-darrieus turbine: An approach for energy production in urban systems	Engineering & Technology| Social Sciences & Management	106| 425| 221| 212| 424| 220| 249	Architecture| Geography| Engineering - Electrical & Electronic| Computer Science & Information Systems| Environmental Sciences| Engineering - Civil & Structural| Engineering - Petroleum	37| 38| 36| 40	Physical Sciences| Computer Science| Engineering| Social Sciences
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	Life Sciences & Medicine	507	Biological Sciences	32	Life Sciences
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	Life Sciences & Medicine| Social Sciences & Management| Engineering & Technology	502| 424| 507| 425	Agriculture & Forestry| Environmental Sciences| Biological Sciences| Geography	32| 40| 37	Life Sciences| Social Sciences| Physical Sciences
Efficient energy and completion time for dependent task computation offloading algorithm in industry 4.0	-	-	-	-	-
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	Arts & Humanities| Engineering & Technology| Social Sciences & Management	308| 220| 106	Business & Management Studies| Engineering - Civil & Structural| Architecture	36| 35| 33	Engineering| Business and Economics| Arts and Humanities
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	Natural Sciences	409	Chemistry	37	Physical Sciences
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	Engineering & Technology| Arts & Humanities	220| 106	Engineering - Civil & Structural| Architecture	36| 33	Engineering| Arts and Humanities
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	Engineering & Technology	212| 213| 249| 221	Computer Science & Information Systems| Data Science| Engineering - Petroleum| Engineering - Electrical & Electronic	38| 36	Computer Science| Engineering
Vehicle-Mounted Fog-Node with LoRaWAN for Rural Data Collection	Engineering & Technology	221| 249	Engineering - Electrical & Electronic| Engineering - Petroleum	36	Engineering
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City	Social Sciences & Management| Engineering & Technology	425| 424| 106	Geography| Environmental Sciences| Architecture	40| 37	Social Sciences| Physical Sciences
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	Engineering & Technology| Natural Sciences	450| 416| 451| 249| 424	Geology| Earth & Marine Sciences| Geophysics| Engineering - Petroleum| Environmental Sciences	37	Physical Sciences
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	Engineering & Technology| Arts & Humanities	106| 220| 433| 222	Architecture| Engineering - Civil & Structural| Materials Science| Engineering - Mechanical	36| 33	Engineering| Arts and Humanities
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	Social Sciences & Management| Engineering & Technology	221| 425| 424	Engineering - Electrical & Electronic| Geography| Environmental Sciences	40| 37| 36	Social Sciences| Physical Sciences| Engineering
Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	Engineering & Technology	424	Environmental Sciences	37	Physical Sciences

Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	Arts & Humanities| Engineering & Technology	220| 221| 106	Engineering - Civil & Structural| Engineering - Electrical & Electronic| Architecture	33| 36	Arts and Humanities| Engineering
Proposed hybrid power system for short route ferries	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
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid Lands Using Machine Learning Techniques	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
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	Engineering & Technology| Social Sciences & Management	424| 425	Environmental Sciences| Geography	40| 37	Social Sciences| Physical Sciences
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	Engineering & Technology	212| 433	Computer Science & Information Systems| Materials Science	38| 36	Computer Science| Engineering
Environmental influence on the built heritage, Saudi Arabia regions	Engineering & Technology| Natural Sciences| Life Sciences & Medicine	424| 502| 450| 249| 451| 416	Environmental Sciences| Agriculture & Forestry| Geology| Engineering - Petroleum| Geophysics| Earth & Marine Sciences	37| 32	Physical Sciences| Life Sciences
The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt	Natural Sciences| Social Sciences & Management| Engineering & Technology	450| 424| 451| 425| 416| 106	Geology| Environmental Sciences| Geophysics| Geography| Earth & Marine Sciences| Architecture	40| 37	Social Sciences| Physical Sciences
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	Engineering & Technology| Social Sciences & Management	425| 315| 106| 220	Geography| Development Studies| Architecture| Engineering - Civil & Structural	40| 36	Social Sciences| Engineering
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	Arts & Humanities	106	Architecture	33	Arts and Humanities
Assessment of Onshore Renewable Energy Power Supply for Ship's Emissions Reduction in Port Said West Port	Engineering & Technology| Natural Sciences	222| 247| 249| 451| 416	Engineering - Mechanical| Engineering - Mineral & Mining| Engineering - Petroleum| Geophysics| Earth & Marine Sciences	36	Engineering
Efficient mining of IoT based data streams for advanced computer vision systems	Engineering & Technology	212| 221	Computer Science & Information Systems| Engineering - Electrical & Electronic	38| 36	Computer Science| Engineering
Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	Life Sciences & Medicine	502| 546	Agriculture & Forestry| Veterinary Science	32	Life Sciences
Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	Life Sciences & Medicine| Engineering & Technology	507| 424	Biological Sciences| Environmental Sciences	32| 37	Life Sciences| Physical Sciences
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	Engineering & Technology	213| 249| 212| 221	Data Science| Engineering - Petroleum| Computer Science & Information Systems| Engineering - Electrical & Electronic	36| 38	Engineering| Computer Science
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	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
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	Engineering & Technology| Natural Sciences| Arts & Humanities	424| 106| 221| 249	Environmental Sciences| Architecture| Engineering - Electrical & Electronic| Engineering - Petroleum	37| 33| 36	Physical Sciences| Arts and Humanities| Engineering
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System	Engineering & Technology	212	Computer Science & Information Systems	38	Computer Science
Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	Engineering & Technology| Natural Sciences| Social Sciences & Management	317| 212| 431| 213| 222	Economics & Econometrics| Computer Science & Information Systems| Mathematics| Data Science| Engineering - Mechanical	36| 38| 37| 40| 35	Engineering| Computer Science| Physical Sciences| Social Sciences| Business and Economics

Modeling Coastal Morphological Features in Proximity to Breakwaters Using Delft 3D	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
Connectivity between jeddah's waterfront and the urban structure of adjacent coastal areas to promote physical activities	Arts & Humanities| Social Sciences & Management	136| 106	Performing Arts| Architecture	40| 33	Social Sciences| Arts and Humanities
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	Engineering & Technology	-	-	36	Engineering
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	Life Sciences & Medicine	532	Medicine	34	Medical and Health
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	Arts & Humanities| Natural Sciences| Engineering & Technology	221| 106| 249| 424	Engineering - Electrical & Electronic| Architecture| Engineering - Petroleum| Environmental Sciences	36| 33| 37	Engineering| Arts and Humanities| Physical Sciences
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study	Natural Sciences| Engineering & Technology	433| 439| 219| 212| 249| 213	Materials Science| Physics & Astronomy| Engineering - Chemical| Computer Science & Information Systems| Engineering - Petroleum| Data Science	36| 37| 38	Engineering| Physical Sciences| Computer Science
Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	Natural Sciences| Engineering & Technology| Arts & Humanities	249| 424| 221| 106	Engineering - Petroleum| Environmental Sciences| Engineering - Electrical & Electronic| Architecture	36| 37| 33	Engineering| Physical Sciences| Arts and Humanities
The Role of Park Cooling Island (PCI) in Mitigating Urban Heat Island (UHI)	Engineering & Technology| Natural Sciences	213| 431| 212	Data Science| Mathematics| Computer Science & Information Systems	38| 37	Computer Science| Physical Sciences

Title	ANZSRC FoR (2020) parent code	ANZSRC FoR (2020) parent name	ANZSRC FoR (2020) code	ANZSRC FoR (2020) name	Sustainable Development Goals (2025)
Optimizing biomass pathways to bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	41| 34| 31	Environmental Sciences| Chemical Sciences| Biological Sciences	-	-	SDG 7| SDG 8| SDG 9| SDG 11| SDG 12| SDG 13
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	MD	Multidisciplinary	MD	Multidisciplinary	SDG 3| SDG 6| SDG 11
The impact of sun sail-shading strategy on the	40| 33	Engineering| Built Environment And Design	-	-	SDG 11

thermal comfort in school courtyards					
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
Novel Deep Learning Domain Adaptation Approach for Object Detection Using Semi-Self Building Dataset and Modified YOLOv4	35| 40	Commerce, Management, Tourism And Services| Engineering	4002| 3509| 4009	Automotive engineering| Transportation, logistics and supply chains| Electronics, sensors and digital hardware	SDG 11
Urban morphology as a passive strategy in promoting outdoor air quality	40| 33	Engineering| Built Environment And Design	4005| 3302	Civil engineering| Building	SDG 3| SDG 11
Evaluating urban outdoor thermal comfort: a validation of ENVI-met simulation through field measurement	33	Built Environment And Design	3302| 3301	Building| Architecture	SDG 11
COVID-19 and urban spaces: A new integrated CFD approach for public health opportunities	40| 33	Engineering| Built Environment And Design	-	-	SDG 3| SDG 11
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	MD	Multidisciplinary	MD	Multidisciplinary	SDG 6| SDG 11
Efficient Privacy-Preserving Scheme for Location Based Services in VANET System	40| 46	Engineering| Information And Computing Sciences	-	-	SDG 3| SDG 11
Impact of urban morphology on pedestrians: A review of urban approaches	33| 44	Built Environment And Design| Human Society	3304| 4407| 4406	Urban and regional planning| Policy and administration| Human geography	SDG 11
A super-learner ensemble of deep networks for vehicle-type classification	46| 40	Information And Computing Sciences| Engineering	-	-	SDG 11

Improving outdoor air quality based on building morphology: Numerical investigation	33	Built Environment And Design	3302| 3301	Building| Architecture	SDG 11
Smart Cities after COVID-19: Building a conceptual framework through a multidisciplinary perspective	MD	Multidisciplinary	MD	Multidisciplinary	SDG 3| SDG 11
Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS	MD	Multidisciplinary	MD	Multidisciplinary	SDG 6| SDG 11| SDG 13| SDG 15
Advanced Greedy Hybrid Bio-Inspired Routing Protocol to Improve IoV	46| 40	Information And Computing Sciences| Engineering	-	-	SDG 11
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	41| 37	Environmental Sciences| Earth Sciences	3705| 3704| 4104	Geology| Geoinformatics| Environmental management	SDG 6| SDG 11
(3Ts) Green conservation framework: A hierarchical-based sustainability approach	33| 40	Built Environment And Design| Engineering	-	-	SDG 11| SDG 16
Assessing the accuracy of alos/palsar-2 and sentinel-1 radar images in estimating the land subsidence of coastal areas: A case study in alexandria city, egypt	37| 40	Earth Sciences| Engineering	3709| 3701| 4013	Physical geography and environmental geoscience| Atmospheric sciences| Geomatic engineering	SDG 11

Developing a novel solar-driven cool pavement to improve the urban microclimate	33| 44	Built Environment And Design| Human Society	3302| 4406| 3304	Building| Human geography| Urban and regional planning	SDG 11
Analyzing the ultimate impact of COVID-19 in Africa	35	Commerce, Management, Tourism And Services	3509	Transportation, logistics and supply chains	SDG 3| SDG 11
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass	40	Engineering	4004| 4011	Chemical engineering| Environmental engineering	SDG 6| SDG 7| SDG 11
Relevance of monocrystalline and thin-film technologies in implementing efficient grid-connected photovoltaic systems in historic buildings in Port Fouad city, Egypt	40	Engineering	-	-	SDG 7| SDG 11
Improve Urban Form to Achieve High Social Sustainability in a Residential Neighborhood Salam New City as a Case Study	40| 33	Engineering| Built Environment And Design	4005| 3301| 3302	Civil engineering| Architecture| Building	SDG 10| SDG 11
Efficient adsorption of amoxicillin onto silica nanoparticles synthesized from rice husks	40	Engineering	4004| 4005| 4011	Chemical engineering| Civil engineering| Environmental engineering	SDG 11
Enhancing urban resilience in hot humid climates: A conceptual framework for exploring the environmental performance of vertical greening systems (VGS)	33	Built Environment And Design	3301| 3302	Architecture| Building	SDG 9| SDG 11| SDG 13

Geological mapping of the Central Cairo-Suez District of Egypt, using space-borne optical and radar dataset	41| 37	Environmental Sciences| Earth Sciences	3705| 4104| 3704	Geology| Environmental management| Geoinformatics	SDG 11
Investigating the role of the urban environment in controlling pandemics transmission: Lessons from history	40	Engineering	-	-	SDG 9| SDG 11
Potential application of solar still desalination in NEOM region	37| 40| 41	Earth Sciences| Engineering| Environmental Sciences	4004| 3707| 4105	Chemical engineering| Hydrology| Pollution and contamination	SDG 6| SDG 7| SDG 11
Green retrofitting of heritage buildings based on (3Ts) framework: An applied case study	33	Built Environment And Design	3302| 3301	Building| Architecture	SDG 7| SDG 11| SDG 16
COVID-19 from mysterious enemy to an environmental detection process: a critical review	37| 40	Earth Sciences| Engineering	-	-	SDG 3| SDG 6| SDG 11
Enhancing Object Detection in Remote Sensing: A Hybrid YOLOv7 and Transformer Approach with Automatic Model Selection	40| 37	Engineering| Earth Sciences	3701| 4013| 3709	Atmospheric sciences| Geomatic engineering| Physical geography and environmental geoscience	SDG 9| SDG 11
UMC-based models: An integrating UMC performance analysis and numerical methods	40	Engineering	-	-	SDG 3| SDG 11
Removal of hazardous organic pollutants using fly ash	40| 41| 51	Engineering| Environmental Sciences| Physical Sciences	5199| 4104| 4004	Other physical sciences| Environmental management| Chemical engineering	SDG 6| SDG 11
Wind–water experimental analysis of small sc-darrieus turbine: An	MD	Multidisciplinary	MD	Multidisciplinary	SDG 7| SDG 11

approach for energy production in urban systems					
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
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	MD	Multidisciplinary	MD	Multidisciplinary	SDG 6| SDG 9| SDG 11
Efficient energy and completion time for dependent task computation offloading algorithm in industry 4.0	MD	Multidisciplinary	MD	Multidisciplinary	SDG 9| SDG 11
Holistic SWOT based matrix of BIM adoption in heritage green retrofitting processes	33	Built Environment And Design	3302| 3303| 3301	Building| Design| Architecture	SDG 11
Novel composite based on cellulose nanomaterial for detection and selective removal of cadmium (II) ions from wastewater	34	Chemical Sciences	3401	Analytical chemistry	SDG 6| SDG 11
A State-of-the-Art Review and Bibliometric Analysis on the Smart Preservation of Heritages	33| 40	Built Environment And Design| Engineering	4005| 3302| 3301	Civil engineering| Building| Architecture	SDG 9| SDG 11| SDG 16
Internet of Vehicles and Intelligent Routing: A Survey-Based Study	51| 46| 40	Physical Sciences| Information And Computing Sciences| Engineering	5199| 4006| 4606	Other physical sciences| Communications engineering| Distributed computing and systems software	SDG 11
Vehicle-Mounted Fog-Node with	-	-	-	-	SDG 9| SDG 11

LoRaWAN for Rural Data Collection					
Integrating Humanising Aspects into Urban Design: A Comprehensive Framework for Enhancing Quality of Life in Jeddah City	-	-	-	-	SDG 4| SDG 11
Assessment of dust major ions and suspended heavy metal contents in atmospheric particulate matter of Port Said city, Egypt	37	Earth Sciences	3709	Physical geography and environmental geoscience	SDG 11| SDG 14
IMPROVING URBAN ENERGY RESILIENCE WITH AN INTEGRATIVE FRAMEWORK BASED ON MACHINE LEARNING METHODS	33| 35	Built Environment And Design| Commerce, Management, Tourism And Services	3301| 3302| 3509	Architecture| Building| Transportation, logistics and supply chains	SDG 11| SDG 13
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	44| 33	Human Society| Built Environment And Design	4404| 3304	Development studies| Urban and regional planning	SDG 11| SDG 12| SDG 13
Submicron aerosol pollution in Greater Cairo (Egypt): A new type of urban haze?	MD	Multidisciplinary	MD	Multidisciplinary	SDG 3| SDG 11
Toward A Conceptual Framework for Evaluating the Quality of Urban Open Spaces	33| 40	Built Environment And Design| Engineering	3302| 3301| 4005	Building| Architecture| Civil engineering	SDG 11
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
Geo-Environmental Risk Assessment of Sand Dunes Encroachment Hazards in Arid	MD	Multidisciplinary	MD	Multidisciplinary	SDG 4| SDG 8| SDG 11| SDG 15

Lands Using Machine Learning Techniques					
Urban sprawl analysis and shoreline extraction in Douala-Cameroon city using optical and radar sensors	40	Engineering	4013	Geomatic engineering	SDG 11| SDG 14
SINS_AR: An Efficient Smart Indoor Navigation System Based on Augmented Reality	46| 40	Information And Computing Sciences| Engineering	-	-	SDG 11
Environmental influence on the built heritage, Saudi Arabia regions	MD	Multidisciplinary	MD	Multidisciplinary	SDG 11
The effects of city morphology on airborne transmission of COVID-19. Case study: Port Said City, Egypt	37| 44	Earth Sciences| Human Society	4406| 3702	Human geography| Climate change science	SDG 3| SDG 11
Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions	33| 35	Built Environment And Design| Commerce, Management, Tourism And Services	3304| 3509	Urban and regional planning| Transportation, logistics and supply chains	SDG 11
D4G framework: a novel Voronoi diagram classification for decoding natural geometrics to enhance the built environment	33	Built Environment And Design	3301| 3303	Architecture| Design	SDG 11
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
Efficient mining of IoT based data streams for advanced computer vision systems	46| 40	Information And Computing Sciences| Engineering	4009| 4603	Electronics, sensors and digital hardware| Computer vision and multimedia computation	SDG 11

Feral Donkey Distribution and Ecological Impacts in a Hyper-Arid Region	31| 30	Biological Sciences| Agricultural, Veterinary And Food Sciences	3109| 3009| 3003	Zoology| Veterinary sciences| Animal production	SDG 11| SDG 15
Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds	31| 34| 41	Biological Sciences| Chemical Sciences| Environmental Sciences	-	-	SDG 11
Location Privacy-Preserving of Vehicular Ad-Hoc Network in Smart Cities	40| 46| 51	Engineering| Information And Computing Sciences| Physical Sciences	4606| 5199| 4006	Distributed computing and systems software| Other physical sciences| Communications engineering	SDG 3| SDG 11
Applying green urbanism during spatial urban transformation: a schematic plan, Nasr City, Cairo, Egypt	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8| SDG 11
Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study	41| 37| 33	Environmental Sciences| Earth Sciences| Built Environment And Design	3301| 4105| 3709	Architecture| Pollution and contamination| Physical geography and environmental geoscience	SDG 11| SDG 12
Optimizing Shuttle-Bus Systems in Mega-Events using Computer Modeling: A Case Study of Pilgrims' Transportation System	46	Information And Computing Sciences	-	-	SDG 11
Artificial intelligence for sustainable waste management and control during and post COVID-19 crisis: Critical challenges	49| 40	Mathematical Sciences| Engineering	4006| 4007| 4901	Communications engineering| Control engineering, mechatronics and robotics| Applied mathematics	SDG 11| SDG 12| SDG 16

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
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
Diagnostic Strategies for Microturbines Operating Status Applied to Predictive Maintenance: Experimental Test Case	40	Engineering	4004| 4001| 4012	Chemical engineering| Aerospace engineering| Fluid mechanics and thermal engineering	SDG 7| SDG 11
Monkeypox Emergence Post-COVID: Insight into Egyptian Older Adult's Awareness, Concern, and Mental Health	52| 32	Psychology| Biomedical And Clinical Sciences	3202| 5201	Clinical sciences| Applied and developmental psychology	SDG 3| SDG 11
The Reciprocal Relationship Between Urban Form and Social Sustainability Aspects	41| 33| 37	Environmental Sciences| Built Environment And Design| Earth Sciences	3301| 4105| 3709	Architecture| Pollution and contamination| Physical geography and environmental geoscience	SDG 9| SDG 11
Safety and Mobility Performance Comparison of Two-Plus-One and Two-Lane Two-Way Roads: A Simulation Study	MD	Multidisciplinary	MD	Multidisciplinary	SDG 3| SDG 11
Utilization of Neural Network-Based Approach in Bike Routes Optimization for Port Said Urban Road Network	41| 33| 37	Environmental Sciences| Built Environment And Design| Earth Sciences	3709| 4105| 3301	Physical geography and environmental geoscience| Pollution and contamination| Architecture	SDG 9| SDG 11
The Role of Park Cooling Island (PCI) in Mitigating Urban	37| 46	Earth Sciences| Information And Computing Sciences	3701| 4602| 4605	Atmospheric sciences| Artificial intelligence| Data management and data science	SDG 11

Heat Island (UHI)					

© 2025 Elsevier B.V. All rights reserved. SciVal, RELX Group and the RE symbol are trade marks of RELX Intellectual Properties SA, used under license.