



Publications at Port Said University

SDG 12

Data set	Publications at Port Said University
Year range	2020 to 2024
Subject	2020 to 2024
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	
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		Number of			Full	Scopus Source		Field- Weighted View
Title	Authors	Authors	Scopus Author Ids	Year	date	title	Language	Impact
Hydrogen production, storage, utilisation and environmental impacts: a review	Osman, A.I. Mehta, N. Elgarahy, A.M. Hefny, M. Al-Hinai, A. Al-Muhtaseb, A.H. Rooney, D.W.	7	55362658600 57188922811 57192696143 56037605200 39761537200 57117662400 7006139453	2022	2022- 02-01	Environmental Chemistry Letters	English	6.34
Conversion of biomass to biofuels and life cycle assessment: a review	Osman, A.I. Mehta, N. Elgarahy, A.M. Al-Hinai, A. Al- Muhtaseb, A.H. Rooney, D.W.	6	55362658600 57188922811 57192696143 39761537200 57117662400 7006139453	2021	2021- 12-01	Environmental Chemistry Letters	English	3.34
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	Osman, A.I. Fawzy, S. Farghali, M. El-Azazy, M. Elgarahy, A.M. Fahim, R.A. Maksoud, M.I.A.A. Ajlan, A.A. Yousry, M. Saleem, Y. Rooney, D.W.	11	55362658600 57218328110 572094493826 57208340688 57192696143 57159463700 57202917751 57669430200 57667438500 57786310800 7006139453	2022	2022- 08-01	Environmental Chemistry Letters	English	3.62
Insight on water remediation application using magnetic nanomaterials and biosorbents	Abdel Maksoud, M.I.A. Elgarahy, A.M. Farrell, C. Al- Muhtaseb, A.H. Rooney, D.W. Osman, A.I.	6	57202917751 57192696143 57208035185 57117662400 7006139453 55362658600	2020	2020- 01-15	Coordination Chemistry Reviews	English	3.48
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	El-Saadony, M.T. Saad, A.M. Soliman, S.M. Salem, H.M. Ahmed, A.I. Mahmood, M. El-Tahan, A.M. Ebrahim, A.A.M. Abd El-Mageed, T.A. Negm, S.H. Selim, S. Babalghith, A.O. Etys, A.S. El-Tarabity, K.A. AbuQamar, S.F.	15	57208166656 57212851735 59496305500 55561340300 55448653200 57211993558 57191583288 57730618700 56202714200 59061495800 36919192000 57127319800 57200033480 6701719967 12806366100	2022	2022- 10-06	Frontiers in Plant Science	English	3.47
Methods to prepare biosorbents and magnetic sorbents for water treatment: a review	Osman, A.I. El-Monaem, E.M.A. Elgarahy, A.M. Aniagor, C.O. Hosny, M. Farghali, M. Rashad, E. Ejimofor, M.I. López-Maldonado, E.A. Ihara, I. Yap, PS. Rooney, D.W. Eltaweil, A.S.	13	55362658600 57214070738 57192696143 57201201097 57222529755 57209493826 57226160124 57188579501 56272726300 23102939800 36140024400 7006139453 57204148976	2023	2023- 08-01	Environmental Chemistry Letters	English	3.69
Membrane Technology for Energy Saving: Principles, Techniques, Applications, Challenges, and Prospects	Osman, A.I. Chen, Z. Elgarahy, A.M. Farghali, M. Mohamed, I.M.A. Priya, A.K. Hawash, H.B. Yap, PS.	8	55362658600 57855097200 57192696143 57209493826 57226333251 57226315795 57202771929 36140024400	2024	2024- 05-01	Advanced Energy and Sustainability Research	English	3.71
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	Osman, A.I. Farghali, M. Ihara, I. Elgarahy, A.M. Ayyad, A. Mehta, N. Ng, K.H. Abd El-Monaem, E.M. Eltaweil, A.S. Hosny, M. Hamed, S.M. Fawzy, S. Yap, PS. Rooney, D.W.	14	55362658600 57209493826 23102939800 57192696143 58112306300 57188922811 56271854000 57214070738 57204148976 57222529755 55598507100 57218328110 36140024400 7006139453	2023	2023- 06-01	Environmental Chemistry Letters	English	1.91
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
2-Mercaptobenzimidazole derivative of chitosan for silver sorption – Contribution of magnetite incorporation and sonication effects on enhanced metal recovery	Elwakeel, K.Z. Al-Bogami, A.S. Guibal, E.	3	9433357000 26667590700 7006498836	2021	2021- 01-01	Chemical Engineering Journal	English	1.39
Experiment-based process modeling and optimization for high-quality and resource-					2020-	Applied Sciences		
efficient FFF 3D printing Chitosan- or glycidyl methacrylate-based adsorbents for the removal of dyes from aqueous solutions:	Elkaseer, A. Schneider, S. Scholz, S.G.	3	54786368200 57216883658 35200000400	2020	2022-	(Switzerland) Materials	English	1.63
a review	Mashabi, R.A. Khan, Z.A. Elwakeel, K.Z.	3	57771749400 36188082100 9433357000	2022	06-09	Advances	English	1.94

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Facile Synthesis and Life								
Cycle Assessment of Highly								
Active Magnetic Sorbent						4000		
Composite Derived from	0		55000050000157400000440157400000441574470004001		0000	ACS Sustainable		
Mixed Plastic and Biomass	Osman, A.I. Elgarahy, A.M. Mehta, N. Al-Muhtaseb, A.H. Al-		55362658600 57192696143 57188922811 57117662400		2022-	Chemistry and	E. attack	0.00
Waste for Water Remediation	Fatesh, A.S. Rooney, D.W.	6	36682023300 7006139453	2022	09-19	Engineering	English	2.28
Geopolymers as sustainable								
eco-friendly materials:								
Classification, synthesis						Separation and		
routes, and applications in	Elgarahy, A.M. Maged, A. Eloffy, M.G. Zahran, M. Kharbish,	_	57192696143 57211217930 55919580700 57210896205		2023-	Purification		
wastewater treatment	S. Elwakeel, K.Z. Bhatnagar, A.	7	22134735200 9433357000 7202474586	2023	11-01	Technology	English	2.31
Use of biopolymers in								
wastewater treatment: A brief						Chinese Journal		
review of current trends and	Elgarahy, A.M. Eloffy, M.G. Guibal, E. Alghamdi, H.M.	_	57192696143 55919580700 7006498836 58170757700		2023-	of Chemical		
prospects	Elwakeel, K.Z.	5	9433357000	2023	12-01	Engineering	English	0.95
Biomass-to-sustainable						Chemical		
biohydrogen: Insights into the						Engineering		
production routes, and	Eloffy, M.G. Elgarahy, A.M. Saber, A.N. Hammad, A. El-		55919580700 57192696143 54954871200 57200181654		2022-	Journal		
technical challenges	Sherif, D.M. Shehata, M. Mohsen, A. Elwakeel, K.Z.	8	57307212500 57916024800 57859732100 9433357000	2022	11-15	Advances	English	2.39
Sustainable management of								
food waste; pre-treatment								
strategies, techno-economic								
assessment, bibliometric								
analysis, and potential								
utilizations: A systematic	Elgarahy, A.M. Eloffy, M.G. Alengebawy, A. El-Sherif, D.M.		57192696143 55919580700 57217536176 57307212500		2023-	Environmental		
review	Gaballah, M.S. Elwakeel, K.Z. El-Qelish, M.	7	57221645534 9433357000 47360967500	2023	05-15	Research	English	9.24
2-Mercaptobenzimidazole-								
functionalized chitosan for						Journal of		
enhanced removal of						Environmental		
methylene blue: Batch and	Elwakeel, K.Z. Elgarahy, A.M. Al-Bogami, A.S. Hamza, M.F.		9433357000 57192696143 26667590700 36727582700		2021-	Chemical		
column studies	Guibal, E.	5	7006498836	2021	08-01	Engineering	English	1.42
Tuning cationic/anionic dyes						0 10		
sorption from aqueous								
solution onto green algal								
biomass for biohydrogen	Elgarahy, A.M. Maged, A. Elwakeel, K.Z. El-Gohary, F. El-		57192696143 57211217930 9433357000 7003487679		2023-	Environmental		
production	Oelish, M.	5	47360967500	2023	01-01	Research	English	1.49
production	Quicity i ii		1755557555	2020	01 01	International	Liighton	21.10
Oil spill clean-up using						Journal of		
combined sorbents: a						Environmental		
comparative investigation					2020-	Analytical		
and design aspects	Tayeb, A.M. Faroug, R. Mohamed, O.A. Tony, M.A.	4	6602997155 57126410300 57205341818 24167292100	2020	02-19	Chemistry	English	1.64
Toward a circular economy:	Tayes, A.P. Taroud, N. Plonamed, O.A. Tony, Pl.A.	-	0002337133 37120410300 37203341010 24107232100	2020	02-13	Chemistry	Liigusii	1.04
Investigating the								
effectiveness of different						Journal of		
						Environmental		
plastic waste management	Elgaraby A.M.I. Driva A.K.I. Mastafa H.V.I. Zaki F.C. I. Elgarad		57192696143 57226315795 57194572166 57196168749		2023-	Chemical		
strategies: A comprehensive	Elgarahy, A.M. Priya, A.K. Mostafa, H.Y. Zaki, E.G. Elsaeed, S.M. Muruganandam, M. Elwakeel, K.Z.	7	56962711500 59750683600 9433357000	2023	10-01		English	6.2
review	3.M. Mulugalialiualii, M. Elwakeel, K.Z.	/	56962711500 59750665600 9455557000	2023	10-01	Engineering	English	0.2
Discollida managamant i i d	Florester A.M.I. Floff, M.O.I. Drive A.K.I. Vesselv.		574000004401 550405007001 570000457051 570070045051		2004	Journal of		
Biosolids management and	Elgarahy, A.M. Eloffy, M.G. Priya, A.K. Yogeshwaran, V.	7	57192696143 55919580700 57226315795 57207691505	2004	2024-	Cleaner	English	4.00
utilizations: A review	Yang, Z. Elwakeel, K.Z. Lopez-Maldonado, E.A.	/	57075306100 9433357000 56272726300	2024	04-20	Production	English	4.08
Catalytic fast pyrolysis of			23975528100 58903457600 23977632000 7801441564			Journal of		
lignocellulosic biomass:	El Bari, H. Fanezoune, C.K. Dorneanu, B. Arellano-Garcia,		55961235600 57194448020 58496829400 58903535600		l	Analytical and		
Recent advances and	H. Majozi, T. Elhenawy, Y. Bayssi, O. Hirt, A. Peixinho, J.		12773996900 57196939945 14048292400 57789685300	l	2024-	Applied	1	
comprehensive overview	Dhahak, A. Gadalla, M.A. Khashaba, N.H. Ashour, F.H.	13	57788821500	2024	03-01	Pyrolysis	English	4.33
Dual valorization of coastal								
biowastes for tetracycline						1		
remediation and biomethane						Journal of		
production: A composite	El-Qelish, M. Maged, A. Elwakeel, K.Z. Bhatnagar, A.		47360967500 57211217930 9433357000 7202474586		2024-	Hazardous		
assisted anaerobic digestion	Elgarahy, A.M.	5	57192696143	2024	03-05	Materials	English	1.79
Utilization of chemically						International		
modified coal fly ash as cost-					2023-	Journal of		l
effective adsorbent for	Eteba, A. Bassyouni, M. Saleh, M.	3	57250821100 57193261423 57217049484	2023	07-01	Environmental	English	2.02

removal of hazardous organic								
	<u> </u>					Science and		
wastes						Technology		
Toward a national life cycle	· · · · · · · · · · · · · · · · · · ·							
assessment tool: Generative	,							
design for early decision	Hassan, S.R. Megahed, N.A. Abo Eleinen, O.M. Hassan,				2022-	Energy and		
support	A.M.	4	57678804100 55941539500 57214334960 57214328061	2022	07-15	Buildings	English	7.52
Green stability indicating	· · · · ·						8	
organic solvent-free hplc	,							
determination of remdesivir in	,							
substances and	Ibrahim, A.E. El Deeb, S. Abdelhalim, E.M. Al-Harrasi, A.	_	55323998700 14059838300 57374567100 6506093146		2021-			
pharmaceutical dosage forms	Sayed, R.A.	5	56434477000	2021	12-01	Separations	English	0.88
Integration of active solar	,							
cooling technology into	,					Journal of		
passively designed facade in	,				2022-	Building		
hot climates	Noaman, D.S. Moneer, S.A. Megahed, N.A. El-Ghafour, S.A.	4	57173181300 57754105500 55941539500 35324439700	2022	09-15	Engineering	English	2.61
Exploring the potential of						0 11 0	"	
sheep wool as an eco-friendly	<u> </u>							
	,					Containable		
insulation material: A	·				0004	Sustainable		
comprehensive review and					2024-	Materials and	<u>-</u>	
analytical ranking	Hetimy, S. Megahed, N. Eleinen, O.A. Elgheznawy, D.	4	58230125300 55941539500 57223402796 57224494477	2024	04-01	Technologies	English	2.78
How management accounting	·					Journal of		
practices integrate with big						Financial		
data analytics and its impact	,				2024-	Reporting and		
on corporate sustainability	Abdelhalim, A.M.	1	5.8E+10	2024	04-29	Accounting	English	6.92
Climate anxiety,	,						"	
environmental attitude, and	,							
	,							
job engagement among	,							
nursing university colleagues:								
a multicenter descriptive	Atta, M.H.R. Zoromba, M.A. El-Gazar, H.E. Loutfy, A.		59316343700 57192239072 57226792915 57222353559		2024-			
study	Elsheikh, M.A. El-ayari, O.S.M. Sehsah, I. Elzohairy, N.W.	8	57220953998 58329572700 58899827900 58225244700	2024	12-01	BMC Nursing	English	8.77
Single crystal, Hirshfeld	,							
surface and theoretical	,							
analysis of methyl 4-	,							
hydroxybenzoate, a common	<u> </u>							
cosmetic, drug and food	,							
preservative-Experiment	Sharfalddin, A. Davaasuren, B. Emwas, AH. Jaremko, M.		57191874696 26424545000 6507012683 8355144200		2020-			
			60143412900 36991592700		2020-		1	
versus theory	Jaremko, L. Hussien, M.			1 0000	40.04		The state of	4 00
		6	00143412300 30331332700	2020	10-01	PLoS ONE	English	1.06
Revitalizing the circular		6	00143412300 00331332700	2020	10-01		English	1.06
Revitalizing the circular economy: An exploration of e-		6	00143412300 00301332700	2020	10-01	PLoS ONE Sustainable	English	1.06
	Elgarahy, A.M. Eloffy, M.G. Priya, A.K. Hammad, A. Zahran,	ь	57192696143 55919580700 57226315795 57200181654	2020	10-01 2024-		English	1.06
economy: An exploration of e-	Elgarahy, A.M. Eloffy, M.G. Priya, A.K. Hammad, A. Zahran, M. Maged, A. Elwakeel, K.Z.	7		2020		Sustainable	English English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch			57192696143 55919580700 57226315795 57200181654		2024-	Sustainable Chemistry for		
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from			57192696143 55919580700 57226315795 57200181654		2024-	Sustainable Chemistry for		
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction:	M. Maged, A. Elwakeel, K.Z.		57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000		2024- 09-01	Sustainable Chemistry for the Environment		
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023-	Sustainable Chemistry for the Environment Water	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment	M. Maged, A. Elwakeel, K.Z.		57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000		2024- 09-01	Sustainable Chemistry for the Environment		
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023-	Sustainable Chemistry for the Environment Water	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023-	Sustainable Chemistry for the Environment Water	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023-	Sustainable Chemistry for the Environment Water (Switzerland)	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I. Bassyouni, M. Elhenawy, Y. El-Hadek, M.A. Babich, O.	8	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700 57193261423 57194448020 36956146400 55226327700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams Engineering	English	2.9 2.85
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I.	7	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams	English	2.9
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I. Bassyouni, M. Elhenawy, Y. El-Hadek, M.A. Babich, O.	8	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700 57193261423 57194448020 36956146400 55226327700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams Engineering	English English	2.9 2.85
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I. Bassyouni, M. Elhenawy, Y. El-Hadek, M.A. Babich, O.	8	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700 57193261423 57194448020 36956146400 55226327700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams Engineering	English English	2.9 2.85
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials The Moderating Role of Digital Environmental Management	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I. Bassyouni, M. Elhenawy, Y. El-Hadek, M.A. Babich, O.	8	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700 57193261423 57194448020 36956146400 55226327700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams Engineering	English English	2.9 2.85
economy: An exploration of e- waste recycling approaches in a technological epoch Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials The Moderating Role of Digital Environmental Management Accounting in the	M. Maged, A. Elwakeel, K.Z. Kulikova, Y. Klementev, S. Sirotkin, A. Mokrushin, I. Bassyouni, M. Elhenawy, Y. El-Hadek, M.A. Babich, O.	8	57192696143 55919580700 57226315795 57200181654 57210896205 57211217930 9433357000 57982159500 58250220900 8127073300 35364826700 57193261423 57194448020 36956146400 55226327700	2024	2024- 09-01 2023- 05-01	Sustainable Chemistry for the Environment Water (Switzerland) Ain Shams Engineering	English English	2.9 2.85
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Dual Renewable Energy					2023-			
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(Environmental Chemistry								
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188), 10.1007/s10311-021-	Osman, A.I. Mehta, N. Elgarahy, A.M. Hefny, M. Al-Hinai,		55362658600 57188922811 57192696143 56037605200		2022-	Chemistry		
01322-8)	A. Al-Muhtaseb, A.H. Rooney, D.W.	7	39761537200 57117662400 7006139453	2022	06-01	Letters	English	4.36
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machining aisi 4340 steel	Abbas, A.T. Abubakr, M. Elkaseer, A. Rayes, M.M.E.		36985703800 55940341300 54786368200 6603641050		2020-			
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Healthcare Buildings	Ismaeil, E.M.H. Sobaih, A.E.E.	2	57732309400 43762250600	2022	10-01	Buildings	English	3.21
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	Hendy, A. Sayed, M.A. Elmonem, H.H.A. El-ayari, O.S.M.		57219356175 58210532600 58208616500 58329572700					
Duadiata sa of alisanta alisanda	Sehsah, I. AbdELhay, I.S. Rahman, A.A.A.O.A. Balha, S.M.I.		58899827900 59342414400 59342835800 58215820300					
Predictors of climate change literacy in the era of global	Taha, H.M.A. Shehata, H.S. Othman, A.A. Mohamed, A.Z. Abdelrahman, M.M. Ibrahim, N.M.I. Hassan, E.H.M. El-		59342277600 58218551700 58227587600 57992871100 58887272600 58215844100 59342554800 59342696200					
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survey of Egyptian nursing	Ghoneam, M.A. Ali, A.F.Z. Elfar, M.N.A. El-Sayed, A.A.I.		59341870200 59342416800 57908688300 59342554900		2024-			
students	Mahmoud, M.F.H. Hassan, E.A.	29	57218297333	2024	12-01	BMC Nursing	English	3.36
"Valorisation of shredded	Fidinioud, Fili Fili Fidosari, E.V.	20	07210207000	2024	12 01	DI 10 Itursing	Liigiisii	0.00
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production of diesel-like					2024-	Results in		
fuel."	Shehata, M. Okeily, M.A. Hammad, A.S.	3	57916024800 58239525900 57200181654	2024	03-01	Engineering	English	1.45
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low-carbon concepts into								
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clustering	N. Elattar, S. Abbas, M. AL Garalleh, H. Assilzadeh, H.	9	57221052618	2024	05-30	Heliyon	English	2.95
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energy: Trailblazing the utilization of Anadara								
uropigimelana shells for						Journal of		
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itare gas recovery, technical,	Quantiting Etwareet, N.Z. Plagett, A.	/	47300307300 3433337000 37211217830	2024	U4-U1	Science dilu	EliguSII	2.3

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Waste Cooking Oil								
Management in Egypt:						Journal of		
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Development of Rapid Test	Mohamed, M. Sherif, N. Aboelazayem, O. Elazab, H.A.		57220667150 57515968100 57194698086 57197864132		2022-	Conference		
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Desert of Egypt	M.G.	5	56990454800	2024	06-01	Sustainability	English	1.99
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beach-cast seaweed by			570004505001 570040547071			Energy		
pyrolysis and hydrothermal			57982159500 57201851767 56018223300 55226327700		2024-	Conversion and		
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Healthcare Projects	Ismaeil, E.M.H. Sobaih, A.E.E.	2	57732309400 43762250600	2023	05-01	Buildings	English	1.31
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Comparative Case Study	Leila, M.M.S.A. ElBastawisy, M.M.	2	57262160600 57489747200	2022	01-01	Innovation	English	1.87
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					2021-	Systems, Decision and		

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WASTE REDUCTION IN PIPE						Journal of Solid Waste		
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sustainable source for	Maharan Ali Bahaan MC Calana AM I Abdal Assan				2023-	Minumbini		
biodiesel production: Current	Moharam, A.I. Beheary, M.S. Salama, A.M. Abdel-Azeem,		505000404001050400004015704400404015000000500	0000		Microbial	E. atta	0.00
and future prospect	A.M.	4	58526910400 6504203919 57214234912 59080969500	2023	06-01	Biosystems	English	0.62
SM-BIM: A NEW								
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AND BUILDING	Mohamed, MA.T. Megahed, N.A. Eltarabily, S. Shahda,		50007500700 550 44500500 5704007000 5700 4504 477		2024-	Journal of Green	E. attack	0.50
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Study	Mohamed, M.A. Elazab, H.A. Gadalla, M.A. Ashour, F.A.	4	59358894300 57197864132 14048292400 59359295000	2024	09-30	NanoBioScience	English	2.49
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Green NiFe2O4nano-sorbent						- Section A		
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USING MAGNETIC FIELDS	N.A.M. Farrag, T.E. Abdel-Aty, M.M.	6	24070449300 58138399500	2023	12-01	Journal	English	0.7
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incorporation of raw	No A Lillow and Market and Annual and		5040040000015500007000010000405700157400570505		2023-	Egyptian Journal	E. attack	
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delayed coker unit: A case	A STATE OF THE MANNEY BLOCKER MATERIAL STATE OF THE STATE		05700404000144040000400157040440500157	1	0004	Thermal Science		
study from an Egyptian	Alazmi, R.H. Gadalla, M. Wang, B. Shahin, M. Elazab, H.A.		35733121600 14048292400 57212146506 59144455000	2024	2024-	and Engineering	English	1.00
refinery	Majozi, T. Ashour, F.	7	57197864132 55961235600 57788821500	2024	10-01	Progress	English	1.28
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Wastewater Treatment Using	Filhada C. I Barrarasi M. I Flankar M. I. I. Calab M. V.		5704 CCF0 400 574 000 C1 400 504 00 C00 500 570 470 40 40 40 40		2004	Formation Investor		
Biodegradable Chitosan for	Elhady, S. Bassyouni, M. Elzahar, M.H. Saleh, M.Y.	_	57216653430 57193261423 59100682500 57217049484	0004	2024-	Egyptian Journal	Fastials	0.05
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some Heavy Metals in		İ			0000	of Aquatic		
Wastewaters of Lake	Abd El Vodor A L L Zolov M L El C	_	E70126026001 EE02E0774001 E722E004700	2000	2022-	Biology and	Engli-h	0.50
Manzala, Egypt	Abd El-Kader, A.I. Zaky, M. El-Serafy, M.A.	3	57913603600 55925077400 57885694700	2022	09-01	Fisheries	English	0.52

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
Hydrogen production, storage,			1			1				Osman, A.I., Mehta, N., Elgarahy, A.M. and 4 more () (2022). Hydrogen
utilisation and environmental impacts:										production, storage, utilisation and environmental impacts: a review.
a review	519	736	11.57	62.81	1	1	1	l .		Environmental Chemistry Letters, 20(1) 153-188
a review	319	/30	11.57	02.01	1	1	1		0	, , , , ,
Conversion of biomass to biofuels and										Osman, A.I., Mehta, N., Elgarahy, A.M. and 3 more () (2021). Conversion of biomass to biofuels and life cycle assessment: a review. Environmental Chemistry
	308	-10	F 00	74.04	1	3	1		.	
life cycle assessment: a review	308	519	5.22	71.64	1	3	1		1	Letters,19(6) 4075-4118
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation,										Osman, A.I., Fawzy, S., Farghali, M. and 8 more () (2022).Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil
construction, energy storage, and										remediation, construction, energy storage, and carbon sequestration: a review.
carbon sequestration: a review	265	352	5.6	62.81	1	3	1		0	Environmental Chemistry Letters,20(4) 2385-2485
Insight on water remediation										Abdel Maksoud, M.I.A., Elgarahy, A.M., Farrell, C. and 3 more () (2020). Insight on
application using magnetic										water remediation application using magnetic nanomaterials and biosorbents.
nanomaterials and biosorbents	202	313	4.38	44.49	1	4	0		0	Coordination Chemistry Reviews,403
Plant growth-promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	105	229	6.69	34.21	1	2	0			El-Saadony, M.T., Saad, A.M., Soliman, S.M. and 12 more () (2022). Plant growth- promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives. Frontiers in Plant Science, 13
Methods to prepare biosorbents and										Osman, A.I., El-Monaem, E.M.A., Elgarahy, A.M. and 10 more () (2023). Methods
magnetic sorbents for water										to prepare biosorbents and magnetic sorbents for water treatment: a review.
treatment: a review	215	217	5.45	39.82	1	3	0		0	Environmental Chemistry Letters,21(4) 2337-2398
Membrane Technology for Energy Saving: Principles, Techniques, Applications, Challenges, and										Osman, A.I., Chen, Z., Elgarahy, A.M. and 5 more () (2024).Membrane Technology for Energy Saving: Principles, Techniques, Applications, Challenges, and
Prospects	108	153	12.73	12.02	1	1	0		0	Prospects. Advanced Energy and Sustainability Research,5(5)
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review	111	137	3,44	39.82	1	6	0			Osman, A.I., Farghali, M., Ihara, I. and 11 more () (2023).Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and lignocellulosic biomass: a review. Environmental Chemistry Letters, 21(3) 1419-1476
Optimizing biomass pathways to		107	0	00.02		, and the second				1110
bioenergy and biochar application in electricity generation, biodiesel production, and biohydrogen production	127	126	3.16	39.82	1	7	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
2-Mercaptobenzimidazole derivative of					_		-		-	
chitosan for silver sorption – Contribution of magnetite incorporation and sonication effects	70	94	4.17	17.98	2		0			Elwakeel, K.Z., Al-Bogami, A.S., Guibal, E. (2021).2-Mercaptobenzimidazole derivative of chitosan for silver sorption – Contribution of magnetite incorporation and sonication effects on enhanced metal recovery. Chemical Engineering
on enhanced metal recovery	73	94	4.1/	17.98		4	0	 	0	Journal,403
Experiment-based process modeling and optimization for high-quality and	_									Elkaseer, A., Schneider, S., Scholz, S.G. (2020). Experiment-based process modeling and optimization for high-quality and resource-efficient FFF 3D printing.
resource-efficient FFF 3D printing	56	94	4.58	12.88	3	4	0	'	0	Applied Sciences (Switzerland),10(8)
Chitosan- or glycidyl methacrylate- based adsorbents for the removal of										Mashabi, R.A., Khan, Z.A., Elwakeel, K.Z. (2022). Chitosan- or glycidyl methacrylate-based adsorbents for the removal of dyes from aqueous solutions: a review.
dyes from aqueous solutions: a review	67	86	1.99	42.81	2	13	0		0	Materials Advances,3(14) 5645-5671
Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation	64	86	4.43	18.98	2	4	0			Osman, A.I., Elgarahy, A.M., Mehta, N. and 3 more () (2022).Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation. ACS Sustainable Chemistry and Engineering, 10(37) 12433-12447
Geopolymers as sustainable eco- friendly materials: Classification, synthesis routes, and applications in wastewater treatment	94	83	3.23	25.73	1	6	0			Elgarahy, A.M., Maged, A., Eloffy, M.G. and 4 more () (2023).Geopolymers as sustainable eco-friendly materials: Classification, synthesis routes, and applications in wastewater treatment. Separation and Purification Technology,324

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Use of biopolymers in wastewater									Elgarahy, A.M., Eloffy, M.G., Guibal, E. and 2 more () (2023). Use of biopolymers in
treatment: A brief review of current trends and prospects	34	79	2.75	28.69	1	8	0	0	wastewater treatment: A brief review of current trends and prospects. Chinese Journal of Chemical Engineering,64292-320
	34	/9	2./5	28.69	1	8	U	0	
Biomass-to-sustainable biohydrogen:									Eloffy, M.G., Elgarahy, A.M., Saber, A.N. and 5 more () (2022).Biomass-to-
Insights into the production routes,	404		4.54	50.44		40			sustainable biohydrogen: Insights into the production routes, and technical
and technical challenges	124	77	1.51	50.41	2	19	0	0	challenges. Chemical Engineering Journal Advances,12
Sustainable management of food									Flooring A M. Flore, M.O. Alcondon A codd accord (19000) O codd alcondon
waste; pre-treatment strategies,									Elgarahy, A.M., Eloffy, M.G., Alengebawy, A. and 4 more () (2023). Sustainable
techno-economic assessment,									management of food waste; pre-treatment strategies, techno-economic
bibliometric analysis, and potential						_			assessment, bibliometric analysis, and potential utilizations: A systematic review.
utilizations: A systematic review	289	72	3.89	18.49	1	5	0	0	Environmental Research,225
2-Mercaptobenzimidazole-									Elwakeel, K.Z., Elgarahy, A.M., Al-Bogami, A.S. and 2 more () (2021).2-
functionalized chitosan for enhanced									Mercaptobenzimidazole-functionalized chitosan for enhanced removal of
removal of methylene blue: Batch and									methylene blue: Batch and column studies. Journal of Environmental Chemical
column studies	45	62	2.9	16.91	4	7	0	0	Engineering,9(4)
Tuning cationic/anionic dyes sorption									
from aqueous solution onto green									Elgarahy, A.M., Maged, A., Elwakeel, K.Z. and 2 more () (2023). Tuning
algal biomass for biohydrogen									cationic/anionic dyes sorption from aqueous solution onto green algal biomass for
production	42	50	4.92	10.17	2	3	0	0	biohydrogen production. Environmental Research,216
Oil spill clean-up using combined									Tayeb, A.M., Farouq, R., Mohamed, O.A. and 1 more () (2020).Oil spill clean-up
sorbents: a comparative investigation									using combined sorbents: a comparative investigation and design aspects.
and design aspects	60	48	2.12	15.54	8	11	0	0	International Journal of Environmental Analytical Chemistry, 100(3) 311-323
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Investigating the effectiveness of									economy: Investigating the effectiveness of different plastic waste management
different plastic waste management									strategies: A comprehensive review. Journal of Environmental Chemical
strategies: A comprehensive review	143	47	4.58	10.27	2	4	0	0	Engineering, 11(5)
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utilizations: A review	94	44	6.92	6.36	1	2	0	0	management and utilizations: A review. Journal of Cleaner Production, 451
Catalytic fast pyrolysis of							-		
lignocellulosic biomass: Recent									El Bari, H., Fanezoune, C.K., Dorneanu, B. and 10 more () (2024). Catalytic fast
advances and comprehensive									pyrolysis of lignocellulosic biomass: Recent advances and comprehensive
overview	119	39	2.54	15.36	1	10	0	0	overview. Journal of Analytical and Applied Pyrolysis,178
Dual valorization of coastal biowastes	110	- 55	2.04	10.00	*	10		-	overview. Journal of Amalytical and Applica 1 yrolysis, 170
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biomethane production: A composite									coastal biowastes for tetracycline remediation and biomethane production: A
assisted anaerobic digestion	49	38	5.99	6.34	1	3	0	0	composite assisted anaerobic digestion. Journal of Hazardous Materials, 465
Utilization of chemically modified coal	40	30	5.55	0.54	1	3	0	-	Eteba, A., Bassyouni, M., Saleh, M. (2023).Utilization of chemically modified coal
fly ash as cost-effective adsorbent for									fly ash as cost-effective adsorbent for removal of hazardous organic wastes.
removal of hazardous organic wastes	51	38	4.06	9.12	3	4	0	0	
	51	30	4.06	9.12	ა	4	U	0	International Journal of Environmental Science and Technology,20(7) 7589-7602 Hassan, S.R., Megahed, N.A., Abo Eleinen, O.M. and 1 more () (2022). Toward a
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assessment tool: Generative design for	404		0.74	40.00	_				national life cycle assessment tool: Generative design for early decision support.
early decision support	181	38	2.74	13.88	5	8	0	0	Energy and Buildings,267
Green stability indicating organic									
solvent-free hplc determination of									Ibrahim, A.E., El Deeb, S., Abdelhalim, E.M. and 2 more () (2021). Green stability
remdesivir in substances and									indicating organic solvent-free hplc determination of remdesivir in substances and
pharmaceutical dosage forms	29	37	1.4	18.52	9	20	0	0	pharmaceutical dosage forms. Separations,8(12)
Integration of active solar cooling									Noaman, D.S., Moneer, S.A., Megahed, N.A. and 1 more () (2022).Integration of
technology into passively designed			l						active solar cooling technology into passively designed facade in hot climates.
facade in hot climates	76	37	3.04	12.19	6	7	0	0	Journal of Building Engineering,56
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as an eco-friendly insulation material:									Hetimy, S., Megahed, N., Eleinen, O.A. and 1 more () (2024).Exploring the
A comprehensive review and analytical			l						potential of sheep wool as an eco-friendly insulation material: A comprehensive
ranking	93	37	2.08	17.78	1	13	0	0	review and analytical ranking. Sustainable Materials and Technologies,39
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practices integrate with big data									Abdelhalim, A.M. (2024). How management accounting practices integrate with big
analytics and its impact on corporate			l						data analytics and its impact on corporate sustainability. Journal of Financial
sustainability	299	31	8.61	3.6	2	2	0	0	Reporting and Accounting,22(2) 416-432
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attitude, and job engagement among									Atta, M.H.R., Zoromba, M.A., El-Gazar, H.E. and 5 more () (2024). Climate anxiety
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hydroxybenzoate, a common		1 1							crystal, Hirshfeld surface and theoretical analysis of methyl 4- hydroxybenzoate, a
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Experiment versus theory	28	24	0.63	22.28	19	40	0	0	ONE,15(10)
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approaches in a technological epoch	67	20	1.37	14.65	3	22	0	0	technological epoch. Sustainable Chemistry for the Environment,7
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Liquefaction: Composition and Toxicity		1 1							Hydrothermal Liquefaction: Composition and Toxicity Assessment. Water
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Nile Delta of Egypt and learned		1 1							Selim, T., Eltarabily, M.G. (2022).Impact of COVID-19 lockdown on small-scale
lessons for water conservation		1 1							farming in Northeastern Nile Delta of Egypt and learned lessons for water
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Sustainability	121	19	2.05	9.27	8	13	0	0	Efficiency and Corporate Sustainability. Sustainability (Switzerland),15(9)
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Central Valley Watershed, California,		1 1							Groundwater Contamination by Agricultural Drainage Water in the Central Valley
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	20	10	13.07	1.15	4	1	0	-	Watershed, Galifornia, GGA. Handbook of Environmental Ghemistry,12037-70
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Healthcare Buildings	101	16	1.42	11.3	17	20	0	0	Sustainable Finishing Materials in Healthcare Buildings, Buildings, 12(10)
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	76	15	1.70	8.41	11	45	0		
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students	54	14	6.87	2.04	5	2	0	0	Egyptian nursing students. BMC Nursing,23(1)
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building sustainable education for the		1							sustainable education for the post-COVID-19 era. International Journal of Learning
post-COVID-19 era	23	11	1.44	7.64	24	20	0	0	Technology,17(2) 133-153
Nano-integrating green and low-									
carbon concepts into ideological and		1							
political education in higher education		1							Meng, J., Abed, A.M., Elsehrawy, M.G. and 6 more () (2024).Nano-integrating
institutions through K-means		1							green and low-carbon concepts into ideological and political education in higher
institutions through K-means clustering		1		5.05			_	!	
clustering	46	10	1.98	5.06	8	14	0	0	education institutions through K-means clustering. Heliyon, 10(10)
From seashells to sustainable energy: Trailblazing the utilization of Anadara	40	10	1.85	5.41	8	16	0		El-Qelish, M., El-Shafai, S.A., Azouz, R.A.M. and 2 more () (2024). From seashells to sustainable energy: Trailblazing the utilization of Anadara uropigimelana shells

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alternative sustainable approach for									from biomass waste: An alternative sustainable approach for wastewater
wastewater treatment	30	10	0.9	11.08	8	31	0	0	treatment. International Journal of Biological Macromolecules,282
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and economic assessment: a									environmental, modeling, and economic assessment: a comprehensive review.
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Development of Rapid Test Method	26	8	4.98	1.61	32	3	0	0	Method. Journal of Physics: Conference Series, 2305(1)
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scenarios for El Moghra region,									region, Western Desert of Egypt. Environment, Development and
Western Desert of Egypt	60	7	1.41	4.25	13	21	0	0	Sustainability,26(6) 14957-14979
Developing a holistic green urban			21.12	1120	- 10				Yakoub, W.A., Eleinen, O.M.A., Mahmoud, M.F. and 1 more () (2021). Developing
meter: An analytical study of global									a holistic green urban meter: An analytical study of global assessment tools for
assessment tools for urban									urban sustainability. International Journal of Sustainable Development and
sustainability	51	6	0.33	15.33	45	58	0	0	Planning, 16(2) 263-275
Life cycle assessments of biofuel	31	U	0.33	10.00	40	30	0	l	1 tallilling, 10(2) 200-270
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									Kulikova, Y., Ilinykh, G., Sliusar, N. and 2 more () (2024).Life cycle assessments
by pyrolysis and hydrothermal	58	5	0.83	6.02	18	33	0	0	of biofuel production from beach-cast seaweed by pyrolysis and hydrothermal
liquefaction	58	5	0.83	6.02	18	33	U	U	liquefaction. Energy Conversion and Management: X,23
Efficiency of utilizing building									Market Mark Market NA Object A MARKET NA OCCUPATION OF THE COLUMN AT MARKET NA OCCUPATION OCCUPATION OF THE COLUMN AT MARKET NA OCCUPATION OCC
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examining smart materials behavior in		_							of utilizing building information modeling tools for examining smart materials
a hot climate	185	5	1.04	4.82	18	28	0	0	behavior in a hot climate. Journal of Building Engineering,87
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Enhancing Sustainable Environment in		_					_		Ismaeil, E.M.H., Sobaih, A.E.E. (2023). High-Performance Glazing for Enhancing
Arid Region's Healthcare Projects	38	5	0.59	8.41	32	44	0	0	Sustainable Environment in Arid Region's Healthcare Projects. Buildings, 13(5)
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tool for exterior walls	32	5	1.16	4.32	18	25	0	0	walls. Engineering, Construction and Architectural Management,
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Enhancing Sustainable Ranking: A									Envelope in Hot Districts for Enhancing Sustainable Ranking: A Saudi Arabian
Saudi Arabian Perspective	55	4	0.48	8.41	37	49	0	0	Perspective. Buildings,13(5)
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Integrated Approach to Construction									Ismaeil, E.M.H. (2024).Sustainability-Based Value Engineering Management as an
Projects	129	3	0.68	4.41	27	38	0	0	Integrated Approach to Construction Projects. Buildings,14(4)
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for sustainable removal of Congo red									chitosan-based composites for sustainable removal of Congo red from textile
from textile wastewater	25	3	0.64	4.72	27	39	0	0	wastewater. Discover Sustainability,5(1)
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Framework in Fog Environment	16	3	0.23	12.87	53	66	0	0	Fog Environment. IEEE Access,10133591-133600
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Approach: Analytical Comparative									Heritage Buildings. An Investment Approach: Analytical Comparative Case Study.
Case Study	35	2	1.7	1.18	60	16	0	0	Advances in Science, Technology and Innovation, 199-212
Artificial intelligence for sustainable	33		1.7	1.10	30	10		· ·	Taransoom control, recliniology and innovation, 100 212
waste management and control during									Hamdy, W., Darwish, A., Hassanien, A.E. (2021). Artificial intelligence for
and post COVID-19 crisis: Critical									sustainable waste management and control during and post COVID-19 crisis:
challenges	63	2	0.4	2.49	64	54	0	0	Critical challenges. Studies in Systems, Decision and Control, 36981-91
WASTE REDUCTION IN PIPE INDUSTRY	03	2	0.4	2.49	04	54	U	0	Saleh, B.R., El-Hadek, M., Kouta, H. (2023), WASTE REDUCTION IN PIPE INDUSTRY
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IMPLEMENTATION	126	2	0.14	14.08	50	69	0	0	and Management,49(4) 408-421

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	Manzala, Egypt	10	0	0	8.46	79	79	0	0	Biology and Fisheries, 26(5) 483-493

Title	Abstract	DOI	Publicatio n type	Open Access	EID	PubMed ID	Institutions	Number of Institutio ns
Hydrogen production, storage, utilisation and environmental impacts: a review	https://www.scopus.com/record/display.url ?eid=2-s2.0-85116501469&origin=resultslist	10.1007/s10311-021-01322-8	Review	Hybrid gold Green	2-s2.0- 851165014 69	-	South Valley University Sultan Qaboos University Swiss Federal Institute of Technology Zurich Queen's University Belfast Port Said University Egyptian Propylene & Polypropylene Company	6
Conversion of biomass to biofuels and life cycle assessment: a review	https://www.scopus.com/record/display.url ?eid=2-s2.0-85111111734&origin=resultslist	10.1007/s10311-021-01273-0	Review	Hybrid gold Green	2-s2.0- 851111117 34	_	Sultan Qaboos University Queen's University Belfast Port Said University Egyptian Propylene & Polypropylene Company	4

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Biochar for								
agronomy, animal								
farming, anaerobic								
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storage, and carbon					2-s2.0-		Florida Qatar University Taiz University Al-Azhar University Egyptian	
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nanomaterials and	https://www.scopus.com/record/display.url				850745665		Sultan Qaboos University Egyptian Atomic Energy Authority Queen's	
biosorbents	?eid=2-s2.0-85074566536&origin=resultslist	10.1016/j.ccr.2019.213096	Review		36	-	University Belfast Port Said University	4
Plant growth-	-							
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biocontrol agents of						1	City for Scientific Research and Technology Applications United Arab	
plant diseases:							Emirates University Al-Fayoum University Umm Al-Qura University Cairo	
Mechanisms,					2-s2.0-		University Al Jouf University Nanjing Normal University Beni-Suef	
challenges and future	https://www.scopus.com/record/display.url				851403751	1	University Zagazig University Murdoch University Port Said University	
perspectives	?eid=2-s2.0-85140375109&origin=resultslist	10.3389/fpls.2022.923880	Review	Gold Green	09	<u> </u>	Hainan University	12
Methods to prepare								
biosorbents and							Assiut University Kobe University Universidad Autonoma de Baja	
magnetic sorbents					2-s2.0-		California Xi'an Jiaotong-Liverpool University Alexandria University	
for water treatment: a	https://www.scopus.com/record/display.url				851580639		Queen's University Belfast Nnamdi Azikiwe University, Awka Port Said	
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review	?eid=2-s2.0-85158063989&origin=resultslist	10.1007/s10311-023-01603-4	Review	Hybrid gold	89	-	University Egyptian Propylene & Polypropylene Company	9
Membrane								
Technology for Energy								
Saving: Principles,								
Techniques,							ICAR - Indian Institute of Soil and Water Conservation Kobe University	
Applications,					2-s2.0-		Xi'an Jiaotong-Liverpool University National Institute of Oceanography and	
Challenges, and	https://www.scopus.com/record/display.url				851852790		Fisheries Queen's University Belfast Port Said University Egyptian	
Prospects	?eid=2-s2.0-85185279018&origin=resultslist	10.1002/aesr.202400011	Review	Gold	18	l .	Propylene & Polypropylene Company Assiut University	8
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lignocellulosic	https://www.scopus.com/record/display.url				851486155		Belfast Port Said University Egyptian Propylene & Polypropylene	
biomass: a review	?eid=2-s2.0-85148615526&origin=resultslist	10.1007/s10311-023-01573-7	Review	Hybrid gold	26	-	Company Agricultural Research Center, Giza	11
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biohydrogen	https://www.scopus.com/record/display.url				851636917	1	Universiti Malaysia Sarawak Queen's University Belfast Port Said	
production	?eid=2-s2.0-85163691782&origin=resultslist	10.1007/s10311-023-01613-2	Review	Hybrid gold	82	-	University Egyptian Propylene & Polypropylene Company Assiut University	8
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Facile Synthesis and								
Life Cycle								
Assessment of Highly								
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Sorbent Composite								
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Plastic and Biomass					2-s2.0-			
Waste for Water	https://www.scopus.com/record/display.url	10.1021/acssuschemeng.2c0409		Hybrid	851380600	1	King Saud University Sultan Qaboos University Queen's University Belfast	
Remediation	?eid=2-s2.0-85138060052&origin=resultslist	5	Article	gold Green	52	-	Port Said University Egyptian Propylene & Polypropylene Company	5
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treatment	?eid=2-s2.0-85165602917&origin=resultslist	10.1016/j.seppur.2023.124631	Review	Hybrid gold	17	-	Company	7
Use of biopolymers in								
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treatment: A brief					2-s2.0-		University of Jeddah Institut Mines-Télécom IMT Mines Alès National	
review of current	https://www.scopus.com/record/display.url			Bronze Gre	851769796		Institute of Oceanography and Fisheries Port Said University Egyptian	
trends and prospects	?eid=2-s2.0-85176979694&origin=resultslist	10.1016/j.cjche.2023.05.018	Review	en	94	-	Propylene & Polypropylene Company	6
Biomass-to-								
sustainable								
biohydrogen: Insights								
into the production					2-s2.0-		University of Jeddah National Institute of Oceanography and Fisheries Port	
routes, and technical	https://www.scopus.com/record/display.url				851393733		Said University Egyptian Propylene & Polypropylene Company Agricultural	
challenges	?eid=2-s2.0-85139373351&origin=resultslist	10.1016/j.ceja.2022.100410	Review	Gold	51	-	Research Center, Giza	5
Sustainable		, ,						
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studies	?eid=2-s2.0-85105945914&origin=resultslist	10.1016/j.jece.2021.105609	Article		14	-	Institut Mines-Télécom IMT Mines Alès Port Said University	6
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Biosolids			I		2-s2.0-		Universidad Autonoma de Baja California University of Jeddah Nanjing	
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utilizations: A review	?eid=2-s2.0-85189429822&origin=resultslist	10.1016/j.jclepro.2024.141974	Article		22	-	Said University Egyptian Propylene & Polypropylene Company	6
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overview	?eid=2-s2.0-85185834699&origin=resultslist	10.1016/j.jaap.2024.106390	Review	Green	99	-	Technology Port Said University Arts et Métiers ParisTech	9
Dual valorization of								
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anaerobic digestion	?eid=2-s2.0-85179055197&origin=resultslist	10.1016/j.jhazmat.2023.133143	Article	Hybrid gold	97	61	Egyptian Propylene & Polypropylene Company	6
Utilization of								
chemically modified								
coal fly ash as cost-								
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How management								
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Single crystal,								
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Aqueous Phase from		, ,						
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Liquefaction:					2-s2.0-			
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Toxicity Assessment	?eid=2-s2.0-85159372607&origin=resultslist	10.3390/w15091681	Article	Gold Green	07	_	Port Said University Kazan National Research Technological University	4
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Risk Assessment of								
Potential Groundwater								
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Agricultural Drainage Water in the Central					2-s2.0-			
Valley Watershed,	https://www.scopus.com/record/display.url				851891645		Horus University - Egypt Port Said University University of California at	
California, USA	?eid=2-s2.0-85189164558&origin=resultslist	10.1007/698_2023_1051	Chapter		58	-	Davis	3
Heuristic Approach for Net-Zero Energy								
Residential Buildings								
in Arid Region Using					2-s2.0-			
Dual Renewable	https://www.scopus.com/record/display.url ?eid=2-s2.0-85152701180&origin=resultslist	10 2200/huildings12020706	Artiolo	ColdiCroop	851527011		King Faigal University Part Said University Halwan University	3
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Title	Scopus Affiliation IDs	Scopus Affiliation names	Scopus Author ID First Author	Scopus Author ID Last Author	Scopus Author ID Correspondin g Author	Scopus Author ID Single Author	Country/Regio	Number of Countries/Regio ns
Hydrogen production, storage, utilisation and environmental impacts: a review	60029738 60274043 60108617 60092747 60025858 60018623 60018830 60071768	Queen's University Belfast Faculty of Science Port Said University Egyptian Propylene and Polypropylene Company ETH Zürich South Valley University Faculty of Science Sultan Qaboos University	5.54E+1 0	7.01E+0 9	5536265860 0 3976153720 0 5711766240 0	-	United Kingdom Oman Egypt Switzerland	4
Conversion of biomass to biofuels and life cycle assessment: a review	60029738 60108617 60274043 60092747 60071768	Queen's University Belfast Port Said University Faculty of Science Egyptian Propylene and Polypropylene Company Sultan Qaboos University	5.54E+1 0	7.01E+0 9	5536265860 0 3976153720 0 5711766240 0	-	United Kingdom Oman Egypt	3
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	60029738 60000402 60000617 60273147 60197146 60072749 60197145 60274043 60108617 60092747 60009353 60012577 60072795 60274955 60004871 128079878 60010177 60013959	Queen's University Belfast Obihiro University of Agriculture and Veterinary Medicine Assiut University Faculty of Veterinary Medicine Department of Chemistry and Earth Sciences, College of Arts and Sciences, Qatar University Qatar University College of Arts and Sciences, Qatar University Faculty of Science Port Said University Egyptian Propylene and Polypropylene Company Egyptian Atomic Energy Authority National Center for Radiation Research and Technology Taiz University Faculty of Engineering Al-Azhar University Cemart for Building Materials and Insulation University of Florida Institute of Food and Agricultural Sciences University of Florida	5.54E+1 0	7.01E+0 9	5.54E+10	-	Qatar United Kingdom Egypt Japan United States Yemen	6
Insight on water remediation application using magnetic nanomaterials and biosorbents	60012577 60009353 60108617 60274043 122365318 60029738 60071768	National Center for Radiation Research and Technology Egyptian Atomic Energy Authority Port Said University Faculty of Science Cookstown, Co. Queen's University Belfast Sultan Qaboos University	5.72E+1 0	5.54E+1 0	5.71E+10	_	United Kingdom Egypt Oman	3
Plant growth- promoting microorganisms as biocontrol agents of plant diseases: Mechanisms, challenges and future perspectives	60274106 60003593 60274319 60243392 60010294 60007948 60018569 60017716 60273729 60032860 60020258 60027423 60273898 60274085 60108617 60104126 60006848 60008665 60019939	Faculty of Agriculture Zagazig University Faculty of Pharmacy Faculty of Veterinary Medicine Cairo University Beni-Suef University Faculty of Agriculture Hainan University Arid Lands Cultivation Research Institute City of Scientific Research and Technological Applications Nanjing Normal University Fayoum University Faculty of Agriculture Faculty of Specified Education Port Said University Jouf University Umm Al-Qura University United Arab Emirates University Murdoch University	5.72E+1 0	1.28E+1 0	6701719967 1280636610 0	-	United Arab Emirates China Egypt Saudi Arabia Australia	5
Methods to prepare biosorbents and magnetic sorbents for water treatment: a review	60029738 60004238 60033041 60092747 60108617 60274043 60021842 60011418 60000617 60273147 60005618 60102426	Queen's University Belfast Faculty of Science Alexandria University Egyptian Propylene and Polypropylene Company Port Said University Faculty of Science Nnamdi Azikiwe University Kobe University Assiut University Faculty of Veterinary Medicine Universidad Autónoma de Baja California Xi'an Jiaotong-Liverpool University	5.54E+1 0	5.72E+1 0	5.54E+10	-	United Kingdom China Mexico Egypt Japan Nigeria	6
Membrane Technology for Energy Saving: Principles, Techniques, Applications, Challenges, and Prospects	60029738 60102426 60092747 60108617 60274043 60011418 60273147 60000617 60108640 60099697 60030271	Queen's University Belfast Xi'an Jiaotong-Liverpool University Egyptian Propylene and Polypropylene Company Port Said University Faculty of Science Kobe University Faculty of Veterinary Medicine Assiut University KPR Institute of Engineering and Technology ICAR - Indian Institute of Soil and Water Conservation, Dehradun National Institute of Oceanography and Fisheries	5.54E+1 0	3.61E+1 0	5536265860 0 3614002440 0	-	India United Kingdom China Japan Egypt	5
Materials, fuels, upgrading, economy, and life cycle assessment of the pyrolysis of algal and	60029738 60011418 60000617 60273147 60092747 60108617 60274043 129212846 60019702 60078640 60033041 60004238 60005880 60019332 60274337 60102426	Queen's University Belfast Kobe University Assiut University Faculty of Veterinary Medicine Egyptian Propylene and Polypropylene Company Port Said University Faculty of Science Egyptian Methanex Methanol Company (EMethanex) University of Birmingham Ming Chi University of Technology Alexandria	5.54E+1 0	7.01E+0 9	5536265860 0 3614002440 0	_	Taiwan United Kingdom China Egypt	6

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pharmaceutical	60274067 60108617 60007902 60104727 60274277	Braunschweig University of Nizwa Faculty of Science Zagazig	5.53E+1	5.64E+1			Oman	
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Integration of active			†	Ť				
solar cooling								
technology into								
		Faculty of Engineering- Port Said University Port Said University	5.72E+1	3.53E+1				
passively designed facade in hot climates	60274042 60108617 60082030 60273858 60273855	Sinai University Faculty of Engineering Sinai University - Kantara	5.72E+1 0	3.53E+1 0	5.78E+10		Edvint	1
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Exploring the potential								
of sheep wool as an								
eco-friendly insulation								
material: A								
comprehensive review			5.82E+1	5.72E+1				
and analytical ranking	60274042	Faculty of Engineering- Port Said University	0	0	5.82E+10	-	Egypt	1
How management								
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sustainability	60030736 60108617	King Faisal University Port Said University	1 -	_	5.8E+10	5.8E+10	Arabia	2
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multicenter	60243178 60010294 60227471 60025733 60274238	University for Technology and Information Faculty of Nursing	5.93E+1	5.82E+1			Egypt Saudi	
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recycling approaches	60108617 60274043 60092747 60030271 60108640	Engineering- Port Said University Menoufia University Faculty of					l <u>.</u>	
in a technological	60099697 60274042 60023291 60274028 116657979	Science Holding Company for Water and Wastewater Suez	5.72E+1	9.43E+0			India Egypt	
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Aqueous Phase from		Institute of Living Systems Kazan National Research Technological						
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Liquefaction:		Engineering- Port Said University School of Chemical and					Africa	
Composition and	127433852 60105002 60023914 60108617 60274042	Metallurgical Engineering University of the Witwatersrand,		5.52E+1			Russian	
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The Moderating Role of								
Digital Environmental								
Management								
Accounting in the								
Relationship between								
Eco-Efficiency and								
Corporate				5.79E+1			Egypt Saudi	_
Sustainability	60030736 60108617	King Faisal University Port Said University	5.8E+10	0	5.8E+10	-	Arabia	2
Risk Assessment of								
Potential Groundwater								
Contamination by								
Agricultural Drainage								
Water in the Central								
Valley Watershed,		University of California, Davis Port Said University Faculty of		5.86E+1			Egypt United	
California, USA	60014439 60108617 60274042 60275574	Engineering- Port Said University Horus University - Egypt	5.7E+10	0	5.7E+10	-	States	2
Heuristic Approach for		7, 7, 9,						
Net-Zero Energy								
Residential Buildings					5773230940			
in Arid Region Using		King Faisal University Port Said University Faculty of Engineering-			01			
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10.1007/s10311-021-	60029738 60108617 60274043 60092747 60025858	Egyptian Propylene and Polypropylene Company ETH Zürich Faculty	5.54E+1	7.01E+0	5711766240		Egypt	
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Towards an adaptive								
design of quality,								
productivity and								
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Optimization Model for			1	5.72E+1			1	
		Mansoura University Faculty of Engineering Port Said University		0.,,				1
Early-Stage Design	60012022 60231617 60108617 60002744 60273396	Mansoura University Faculty of Engineering Port Said University Future University in Egypt Faculty of Engineering & Technology	6.6E+09	0	5.72E+10	-	Egypt	1
Early-Stage Design	60012022 60231617 60108617 60002744 60273396		6.6E+09		5.72E+10	-	Egypt	1
Early-Stage Design	60012022 60231617 60108617 60002744 60273396	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing	6.6E+09		5.72E+10	-	Egypt	11
Early-Stage Design	60012022 60231617 60108617 60002744 60273396	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing	6.6E+09		5.72E+10	-	Egypt	1
Early-Stage Design	60012022 60231617 60108617 60002744 60273396	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University	6.6E+09		5.72E+10	-	Egypt	1
Early-Stage Design	60012022 60231617 60108617 60002744 60273396	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and	6.6E+09		5.72E+10	-	Egypt	1
		Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing	6.6E+09		5.72E+10	-	Egypt	1
Predictors of climate	60033041 60012022 60231642 60274388 60016618	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University	6.6E+09		5.72E+10	-	Egypt	1
Predictors of climate change literacy in the	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez	6.6E+09		5.72E+10	-	Egypt	1
Predictors of climate change literacy in the era of global boiling: a	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 60009750 60221126 60011568	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan	6.6E+09		5.72E+10	-	Egypt	1
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 600095750 60221126 60011568 131723041 60023291 60014101 60239407 60020322	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Beni-Suef		0	5.72E+10	-	Egypt	1
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 60009750 60221126 60011568 131723041 60023291 60014101 60239407 60020322 60274075 60108617 60029258 60018623 60159900	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayourn University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Fain-Suef University Zagazig University Damanhour University Faculty of	5.93E+1	0 5.72E+1		-		
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing students	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 600095750 60221126 60011568 131723041 60023291 60014101 60239407 60020322	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayoum University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Beni-Suef		0	5.72E+10 5.93E+10		Egypt	1
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 60009750 60221126 60011568 131723041 60023291 60014101 60239407 60020322 60274075 60108617 60029258 60018623 60159900	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayourn University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Fain-Suef University Zagazig University Damanhour University Faculty of	5.93E+1 0	5.72E+1 0		-		
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing students	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 60009750 60221126 60011568 131723041 60023291 60014101 60239407 60020322 60274075 60108617 60029258 60018623 60159900	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayourn University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Fain-Suef University Zagazig University Damanhour University Faculty of	5.93E+1	0 5.72E+1	5.93E+10	-		
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing students "Valorisation of	60033041 60012022 60231642 60274388 60016618 60217117 60027423 113673375 60025733 60227471 60274238 60274268 60009750 60221126 60011568 131723041 60023291 60014101 60239407 60020322 60274075 60108617 60029258 60018623 60159900	Future University in Egypt Faculty of Engineering & Technology Alexandria University Mansoura University Faculty of Nursing Faculty of Nursing Ain Shams University College of Nursing Fayourn University Pediatric Nursing Kafrelsheikh University Faculty of Nursing Modern University for Technology and Information Faculty of Nursing Minia University Faculty of Nursing Tanta University Nursing Administration Department University Menoufia University Sohag University Faculty of Nursing Suez Canal University Faculty of Nursing Port Said University Helwan University South Valley University Matrouh University Fain-Suef University Zagazig University Damanhour University Faculty of	5.93E+1 0	5.72E+1 0		-		

thermal and catalytic pyrolysis for the production of diesel- like fuel."								
E-learning ecosystem metaphor: building sustainable education for the post-COVID-19 era	60274042 60108617 60274044	Faculty of Engineering- Port Said University Port Said University Faculty of Medicine	5.59E+1 0	3.71E+1 0	5.59E+10	-	Egypt	1
Nano-integrating green and low-carbon concepts into ideological and political education in higher education institutions through K-means clustering	60083913 60108639 60105222 60274075 60108617 60122462 60105146 60027741 60108339 60111656 60109606 60109334	Jilin Agricultural University Al-Mustaqbal University Prince Sattam Bin Abdulaziz University Faculty of Nursing Port Said University University of Business and Technology Princess Nourah Bint Abdulrahman University King Khalid University Universidad UTE Duy Tan University Saweetha Institute of Medical and Technical Sciences Saveetha Dental College And Hospitals	5.91E+1 0	5.72E+1 0	5771671490 0 5774251090 0 5721099774 8	-	India Iraq China Ecuador Egypt Saudi Arabia Viet Nam	7
From seashells to sustainable energy: Trailblazing the utilization of Anadara uropigimelana shells for sustainable biohydrogen production from leftover cooking oil	60014618 60108625 60004238 60033041 60274043 60108617 60092747	National Research Centre University of Sadat City Faculty of Science Alexandria University Faculty of Science Port Said University Egyptian Propylene and Polypropylene Company	4.74E+1 0	5.72E+1 0	5.72E+10	-	Egypt	1
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	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	5.72E+1 0	5.72E+1 0	5722631579 5 5719269614 3	-	India Egypt Saudi Arabia	3
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	60108617 60274043 60092747 60274042 129212846 60010884 60014618 60108699 60104710 60274485 60021931	Port Said University Faculty of Science Egyptian Propylene and Polypropylene Company Faculty of Engineering- Port Said University Egyptian Methanex Methanol Company (EMethanex) Western University National Research Centre University of Jeddah Suez University Faculty of Science Johannes Kepler University Linz	5.72E+1 0	5.72E+1 0	9.43E+09	_	Austria Egypt Saudi Arabia Canada	4
Waste Cooking Oil Management in Egypt: Production of Biodiesel- Development of Rapid Test Method	60273423 60023356 60012070 60121663 60030612 60274042 60108617 60117770 60023643	Faculty of Engineering The British University in Egypt University of Leeds UC San Diego Jacobs School of Engineering University of California, San Diego Faculty of Engineering- Port Said University Port Said University Department of Engineering, Lancaster University Lancaster University Lancaster University	5.72E+1 0	7.2E+09	5.75E+10	-	United Kingdom Egypt United States	3
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	60108617 60274042 60008708 60033041 113650246 60014439	Port Said University Faculty of Engineering-Port Said University Faculty of Engineering Alexandria University Higher Institute for Engineering and Technology University of California, Davis	4.87E+1 0	5.7E+10	5.7E+10	-	Egypt United States	2
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	60108617 60274042 60239348 60020322	Port Said University Faculty of Engineering- Port Said University Faculty of Engineering Suez Canal University Institute of Living Systems Perm National Research Polytechnic	5.72E+1 0	5.72E+1 0	5.72E+10	-	Egypt	1
Life cycle assessments of biofuel production	127433852 60023325 60108617 60274042	University Port Said University Faculty of Engineering- Port Said University	5.8E+10	5.72E+1 0	5.8E+10	-	Egypt Russian Federation	2

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from beach-cast								
seaweed by pyrolysis and hydrothermal								
liquefaction								
Efficiency of utilizing								
building information								
modeling tools for								
examining smart								
materials behavior in a				5.72E+1				
hot climate	60274042 60108617	Faculty of Engineering- Port Said University Port Said University	5.9E+10	0	5.9E+10	-	Egypt	1
High-Performance								
Glazing for Enhancing								
Sustainable					5773230940			
Environment in Arid		King Faisal University Port Said University Faculty of Engineering-			0			
Region's Healthcare		Port Said University Faculty of Tourisim & Hotel Management	5.77E+1	4.38E+1	4376225060		Egypt Saudi	
Projects	60030736 60108617 60274042 60273335 60029258	Helwan University	0	0	0	-	Arabia	2
Life cycle assessment		,						
and generative design:								
development of a								
national LCA tool for			5.77E+1	5.59E+1				
exterior walls	60108617 60274042	Port Said University Faculty of Engineering- Port Said University	0.772.1	0.002.1	5.77E+10	_	Edvint	1
	0010001/ 002/4042	i ortodia oniversity i acuity of Engineering- Fort Said Offiversity	1 0	U	J.//E+10	<u> </u>	Egypt	1
Evaluating BIPV			1					
Façades in a Building			1					
Envelope in Hot			1					
Districts for Enhancing					5773230940			
Sustainable Ranking:		King Faisal University Port Said University Faculty of Engineering-			0			
A Saudi Arabian		Port Said University Faculty of Tourisim & Hotel Management	5.77E+1	4.38E+1	4376225060		Egypt Saudi	
Perspective	60030736 60108617 60274042 60273335 60029258	Helwan University	0	0	0	-	Arabia	2
Sustainability-Based								
Value Engineering								
Management as an								
Integrated Approach to		King Faisal University Port Said University Faculty of Engineering-				5.77E+1	Egypt Saudi	
Construction Projects	60030736 60108617 60274042	Port Said University	-	-	-	0	Arabia	2
Advanced chitosan-	· ·	,						
based composites for								
sustainable removal of								
Congo red from textile		High Institute of Engineering & Technology Port Said University	5.72E+1	5.91E+1				
wastewater	131097069 60108617 60274042	Faculty of Engineering- Port Said University	0.722.1	0.012.1	5.72E+10	_	Egypt	1
	131097009 00108017 00274042	Faculty of Engineering- Fort Said Offiversity	ļ ,	0	3.72E+10	<u> </u>	Едурі	1
Efficient Geospatial								
Data Analysis								
Framework in Fog			5.61E+1	3.68E+1			_	
Environment	60108617 60274042	Port Said University Faculty of Engineering- Port Said University	0	0	5.61E+10	-	Egypt	1
Rehabilitation and			1					
Exploitation of			1					
Heritage Buildings. An			1					
Investment Approach:			1					
Analytical			1					
Comparative Case		Mansoura University Faculty of Engineering Faculty of Engineering-	5.73E+1	5.75E+1				
Study	60012022 60231617 60274042 60108617	Port Said University Port Said University	0	0	5.73E+10	-	Egypt	1
Artificial intelligence	·							
for sustainable waste			1					
management and			1					
control during and		Faculty of Science Port Said University Faculty of Science Helwan	1					
post COVID-19 crisis:	60274043 60108617 60273143 60029258 60243149	University Faculty of Computers and Artificial Intelligence Cairo	5.72E+1	5.72E+1				
Critical challenges	60010294	University	0.72E+1	0.72E+1	5.72E+10	l <u>.</u>	Egypt	1
	00010204	Oniversity	+ "	- J	J./ZE+10	-	-бурч	1
WASTE REDUCTION IN			1					
PIPE INDUSTRY			1					
THROUGH LEAN SIX			1					
SIGMA	Î.	International Pipe Industry Co Port Said University Faculty of	5.89E+1	5.72E+1				
IMPLEMENTATION	130798455 60108617 60274042	Engineering- Port Said University	0	0	5.89E+10	-	Egypt	1
IMPLEMENTATION Oleaginous fungi as a	130798455 60108617 60274042				5.89E+10	-		1
	130798455 60108617 60274042	Engineering- Port Said University Port Said University Faculty of Science Faculty of Science Suez	5.85E+1	0 5.91E+1		-	Egypt Egypt South	_
Oleaginous fungi as a	130798455 60108617 60274042 60108617 60274043 60239261 60020322 60015706				5.89E+10 5.85E+10	-		2

Current and future								
prospect								
SM-BIM: A NEW								
CONCEPTUAL								
FRAMEWORK FOR								
MULTI-CRITERIA								
DECISION-MAKING								
PROCESS BASED ON								
SMART MATERIALS								
AND BUILDING								
INFORMATION				5.72E+1				
MODELING	60274042	Faculty of Engineering- Port Said University	5.9E+10	0	5.9E+10	-	Egypt	1
		Faculty of Engineering The British University in Egypt Missouri					071	
Conversion of Fish		University of Science and Technology College of Engineering and					Egypt South	
Waste Oil into Biofuel:	60273423 60023356 60024728 60146648 60108617	Computing Port Said University University of the Witwatersrand,	5.94E+1	5.94E+1			Africa United	
An Experimental Study	60016218	Johannesburg	0	0	5.72E+10	_	States	3
Green NiFe2O4nano-			<u> </u>	_				-
sorbent construction								
via Foeniculum								
vulgare extract for		Imam Mohammad Ibn Saud Islamic University Sudan University of					Egypt Saudi	
_		Science and Technology Port Said University Faculty of Science	5.72E+1	5.59E+1				
efficient barium ions	600058801 600717431 601086171 602740421 60025519		5.72E+1 0	5.59E+1 0	5.59E+10	١.	Arabia	3
removal	60005880 60071743 60108617 60274043 60025518	Qassim University	"	0	0.09E+1U	-	Sudan	3
Big Data Analytics and							1	
Its Impact on							1	
Corporate								
Sustainability								
Disclosure in the			5.74E+1				Egypt Saudi	
Digital Era	60030736 60108617	King Faisal University Port Said University	0	5.8E+10	5.8E+10	-	Arabia	2
Predictive modeling of								
sustainable recycled								
materials for stone		Delta University for Science and Technology Faculty of Engineering	5.82E+1	5.72E+1				
column construction	60170200 60273669 60108617 60274042	Port Said University Faculty of Engineering- Port Said University	0	0	5.82E+10	-	Egypt	1
EXPERIMENTAL AND								
STATIC SIMULATION								
STUDY FOR								
ENHANCING								
WASTEWATER								
TREATMENT BY								
ELECTROCOAGULATI		University of Technology and Applied Sciences Suhar Faculty of						
ON USING MAGNETIC		Engineering Minia University Port Said University Faculty of	5.89E+1	5.81E+1				
FIELDS	60281135 60274625 60009750 60108617 60274042	Engineering- Port Said University	0	0	2.17E+10	_	Egypt Oman	2
Slow-release urea		U U	T .				377-1	
fertilizer fabrication								
through the							1	
incorporation of raw								
bentonite and gelatin			5.91E+1	5.72E+1				
binder	60108617 60274043	Port Said University Faculty of Science	0.91E+1	0.72E+1	5.91E+10		Egypt	1
DITIUEI	00100017 00274043		+ · ·	0	3.31E+10	-	-gypt	1
		College of Technological Studies Kuwait The Public Authority of						
Ozzakia d zavozna i i i		Applied Education and Training Faculty of Engineering- Port Said					Obined Face :	
Graphical revamping		University Port Said University University of the Witwatersrand,					China Egypt	
of a delayed coker	000000041 000 40 40 40 40 40 40 40 40 40 40 40 40	Johannesburg Zhejiang Ocean University Faculty of Engineering	0.575	5 705			United	
unit: A case study from	60069831 60043484 60274042 60108617 60016218	Cairo University College of Engineering and Computing Missouri	3.57E+1	5.78E+1			States South	
an Egyptian refinery	60028037 60002575 60010294 60146648 60024728	University of Science and Technology	0	0	5.72E+10	-	Africa Kuwait	5
Sustainable Textile							1	
Wastewater Treatment							1	
Using Biodegradable							1	
Chitosan for High-		High Institute of Engineering and Technology Islamic University of						
Efficiency Dye		Madinah Port Said University Faculty of Engineering-Port Said	5.72E+1	5.92E+1			Egypt Saudi	
Removal	130269950 60105081 60108617 60274042	University	0	0	5.72E+10	-	Arabia	2
Microbial Remediation								
of some Heavy Metals							I	
in Wastewaters of			5.79E+1	5.79E+1			1	
Lake Manzala, Egypt	60108617 60274043 60274067	Port Said University Faculty of Science Faculty of Pharmacy	0	0	5.79E+10	-	Egypt	1
							375.	•

	All Science		Quacquarelli		Quacquarelli		Times Higher
	Journal		Symonds	Quacquarelli Symonds	Symonds		Education
	Classification		(QS) Subject	(QS) Subject area field	(QS) Subject	Quacquarelli Symonds (QS) Subject field	(THE)
Title	(ASJC) code	All Science Journal Classification (ASJC) field name	area code	name	code	name	code
Hydrogen production,							
storage, utilisation and				Natural Sciences			
environmental impacts:				Engineering &		Engineering - Petroleum Environmental	
a review	2304	Environmental Chemistry	4 2	Technology	249 424	Sciences	37
Conversion of biomass		,	·	Engineering &	i i		
to biofuels and life cycle				Technology Natural		Environmental Sciences Engineering -	
assessment: a review	2304	Environmental Chemistry	2 4	Sciences	424 249	Petroleum	37
Biochar for agronomy,		•	<u> </u>		·		
animal farming,							
anaerobic digestion,							
composting, water							
treatment, soil							
remediation,							
				Natural Sciences			
construction, energy						Fasing and Return Fasing and Fasing	
storage, and carbon	2304	Facility and the contract of t	41.0	Engineering &	0401.404	Engineering - Petroleum Environmental	07
sequestration: a review	2304	Environmental Chemistry	4 2	Technology	249 424	Sciences	37
Insight on water							
remediation application							
using magnetic				Engineering &			
nanomaterials and	1600 1604	General Chemistry Inorganic Chemistry Physical and Theoretical Chemistry		Technology Natural	409 433	Chemistry Materials Science	
biosorbents	1606 2505	Materials Chemistry	2 4	Sciences	249	Engineering - Petroleum	37 36
Plant growth-promoting							
microorganisms as							
biocontrol agents of							
plant diseases:							
Mechanisms, challenges				Life Sciences &			
and future perspectives	1110	Plant Science	5	Medicine	502	Agriculture & Forestry	32
Methods to prepare							
biosorbents and							
magnetic sorbents for				Engineering &			
water treatment: a				Technology Natural		Environmental Sciences Engineering -	
review	2304	Environmental Chemistry	2 4	Sciences	424 249	Petroleum	37
Membrane Technology							
for Energy Saving:				Engineering &			
Principles, Techniques,				Technology Natural			
Applications,				Sciences Social		Environmental Sciences Engineering -	
Challenges, and	2102 2301	Energy Engineering and Power Technology Environmental Science		Sciences &	424 249	Petroleum Engineering - Electrical &	
Prospects	2303 2311	(miscellaneous) Ecology Waste Management and Disposal	2 4 3	Management	221	Electronic	36 37
Materials, fuels,		· · · · · · · · · · · · · · · · · · ·					
upgrading, economy,							
and life cycle							
assessment of the			1				
pyrolysis of algal and			1	Engineering &			
lignocellulosic biomass:			1	Technology Natural		Engineering - Petroleum Environmental	
a review	2304	Environmental Chemistry	2 4	Sciences	249 424	Sciences	37
Optimizing biomass		,	1 '				
pathways to bioenergy			1				
and biochar application			İ				
in electricity generation,			1				
biodiesel production,			1	Natural Sciences			
and biohydrogen			İ	Engineering &		Environmental Sciences Engineering -	
production	2304	Environmental Chemistry	4 2	Technology	424 249	Petroleum	37
production	2304	Environmental Orientally	1 41 4	recimology	444 443	1 GUSTEUM	3/

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2- Mercaptobenzimidazole							
derivative of chitosan for							
silver sorption –							
Contribution of							
magnetite incorporation							
and sonication effects				Engineering &	219 222	Engineering - Chemical Engineering -	
on enhanced metal	1500 1600	General Chemical Engineering General Chemistry Industrial and Manufacturing		Technology Natural	249 409	Mechanical Engineering - Petroleum	
recovery	2209 2304	Engineering Environmental Chemistry	2 4	Sciences	424	Chemistry Environmental Sciences	36 37
Experiment-based	2200 2004	Engineering Environmental Orientstry	217	OCICIOCO	727	Engineering - Chemical Computer	00 07
process modeling and						Science & Information Systems	
optimization for high-	1507 1508	Fluid Flow and Transfer Processes Process Chemistry and Technology		Natural Sciences	219 212	Materials Science Physics &	
quality and resource-	1706 2200	Computer Science Applications General Engineering General Materials		Engineering &	433 439	Astronomy Engineering - Petroleum	38 37
efficient FFF 3D printing	2500 3105	Science Instrumentation	4 2	Technology	249 213	Data Science	36
Chitosan- or glycidyl	2000 0100	objetice instrumentation	712	тесниотову	240 210	Buttu delicine	- 00
methacrylate-based							
adsorbents for the							
removal of dyes from				Natural Sciences			
aqueous solutions: a				Engineering &			
review	1601 2500	Chemistry (miscellaneous) General Materials Science	4 2	Technology	433 409	Materials Science Chemistry	36 37
Facile Synthesis and Life	,		1-		,		1-1-1-
Cycle Assessment of							
Highly Active Magnetic							
Sorbent Composite							
Derived from Mixed						Engineering - Electrical & Electronic	
Plastic and Biomass				Natural Sciences	221 409	Chemistry Engineering - Petroleum	
Waste for Water	1500 1600	General Chemical Engineering General Chemistry Renewable Energy,		Engineering &	249 219	Engineering - Chemical Environmental	
Remediation	2105 2304	Sustainability and the Environment Environmental Chemistry	4 2	Technology	424	Sciences	37 36
Geopolymers as							,
sustainable eco-friendly							
materials:							
Classification, synthesis				Natural Sciences			
routes, and applications				Engineering &	219 249	Engineering - Chemical Engineering -	
in wastewater treatment	1506 1602	Filtration and Separation Analytical Chemistry	4 2	Technology	409	Petroleum Chemistry	37 36
Use of biopolymers in				Life Sciences &			
wastewater treatment: A				Medicine Natural		Engineering - Chemical Biological	
brief review of current	1303 1500	Biochemistry General Chemical Engineering General Chemistry		Sciences Engineering	219 507	Sciences Chemistry Environmental	32 36
trends and prospects	1600 2305	Environmental Engineering	5 4 2	& Technology	409 424	Sciences	37
Biomass-to-sustainable							
biohydrogen: Insights							
into the production				Engineering &	249 222	Engineering - Petroleum Engineering -	
routes, and technical	1500 1600	General Chemical Engineering General Chemistry Industrial and Manufacturing		Technology Natural	219 424	Mechanical Engineering - Chemical	
challenges	2209 2304	Engineering Environmental Chemistry	2 4	Sciences	409	Environmental Sciences Chemistry	36 37
Sustainable							
management of food							
waste; pre-treatment							
strategies, techno-							
economic assessment,							
bibliometric analysis,							
and potential				Life Sciences &			
utilizations: A systematic	1303 2300	Biochemistry General Environmental Science Public Health, Environmental and		Medicine Engineering	424 532	Environmental Sciences Medicine	34 32
review	2739	Occupational Health	5 2	& Technology	507	Biological Sciences	37
2-							
Mercaptobenzimidazole-							
functionalized chitosan				Engineering &			
for enhanced removal of				Technology Social			
methylene blue: Batch	1501 1508	Chemical Engineering (miscellaneous) Process Chemistry and Technology		Sciences &	219 249	Engineering - Chemical Engineering -	
and column studies	2310 2311	Pollution Waste Management and Disposal	2 3	Management	424	Petroleum Environmental Sciences	36 37
Tuning cationic/anionic							
dyes sorption from							I
aqueous solution onto				Life Sciences &			
green algal biomass for				Medicine Engineering		Environmental Sciences Biological	
biohydrogen production	1303 2300	Biochemistry General Environmental Science	5 2	& Technology	424 507	Sciences	37 32

Oil spill clean-up using combined sorbents: a comparative investigation and design	1111 1602 2304 2307 2310 2311	Soil Science Analytical Chemistry Environmental Chemistry Health, Toxicology and Mutagenesis Pollution Waste Management and Disposal Water Science	0151410	Social Sciences & Management Life Sciences & Medicine Natural Sciences Engineering &	502 424 532 249	Agriculture & Forestry Environmental Sciences Medicine Engineering -	32 37
aspects	2312 2739	and Technology Public Health, Environmental and Occupational Health	3 5 4 2	Technology	409	Petroleum Chemistry	34
Toward a circular economy: Investigating the effectiveness of different plastic waste management strategies: A comprehensive review	1501 1508 2310 2311	Chemical Engineering (miscellaneous) Process Chemistry and Technology Pollution Waste Management and Disposal	2 3	Engineering & Technology Social Sciences & Management	424 249 219	Environmental Sciences Engineering - Petroleum Engineering - Chemical	37 36
Biosolids management and utilizations: A review	1408 2105 2209 2300	Strategy and Management Renewable Energy, Sustainability and the Environment Industrial and Manufacturing Engineering General Environmental Science	2 3	Engineering & Technology Social Sciences & Management	424 221 222 308	Environmental Sciences Engineering - Electrical & Electronic Engineering - Mechanical Business & Management Studies	35 37 36
Catalytic fast pyrolysis of lignocellulosic biomass: Recent advances and comprehensive overview	1602 2103	Analytical Chemistry Fuel Technology	2 4	Engineering & Technology Natural Sciences	409 249 221	Chemistry Engineering - Petroleum Engineering - Electrical & Electronic	36 37
Dual valorization of coastal biowastes for tetracycline remediation and biomethane production: A composite assisted anaerobic digestion	2304 2305 2307 2310 2311	Environmental Chemistry Environmental Engineering Health, Toxicology and Mutagenesis Pollution Waste Management and Disposal	3 4 2 5	Social Sciences & Management Natural Sciences Engineering & Technology Life Sciences & Medicine	424 249	Environmental Sciences Engineering - Petroleum	34 37
Utilization of chemically modified coal fly ash as cost-effective adsorbent for removal of hazardous organic wastes	1100 2304 2305	General Agricultural and Biological Sciences Environmental Chemistry Environmental Engineering	2 5 4	Engineering & Technology Life Sciences & Medicine Natural Sciences	249 424 502	Engineering - Petroleum Environmental Sciences Agriculture & Forestry	32 37
Toward a national life cycle assessment tool: Generative design for early decision support	2205 2208 2210 2215	Civil and Structural Engineering Electrical and Electronic Engineering Mechanical Engineering Building and Construction	2	Engineering & Technology	106 221 222 249 220	Architecture Engineering - Electrical & Electronic Engineering - Mechanical Engineering - Petroleum Engineering - Civil & Structural	36
Green stability indicating organic solvent-free hplc determination of remdesivir in substances and pharmaceutical dosage forms	1506 1602	Filtration and Separation Analytical Chemistry	4 2	Natural Sciences Engineering & Technology	409 219 249	Chemistry Engineering - Chemical Engineering - Petroleum	36 37
Integration of active solar cooling technology into passively designed facade in hot climates	2205 2211 2213 2215 2216	Civil and Structural Engineering Mechanics of Materials Safety, Risk, Reliability and Quality Building and Construction Architecture	2 1	Engineering & Technology Arts & Humanities	106 220 249 433 222	Architecture Engineering - Civil & Structural Engineering - Petroleum Materials Science Engineering - Mechanical	36 33
Exploring the potential of sheep wool as an eco- friendly insulation material: A comprehensive review and analytical ranking	2105 2209 2311 2500	Renewable Energy, Sustainability and the Environment Industrial and Manufacturing Engineering Waste Management and Disposal General Materials Science	3 2	Social Sciences & Management Engineering & Technology	222 424 221 433	Engineering - Mechanical Environmental Sciences Engineering - Electrical & Electronic Materials Science	36 37
How management accounting practices integrate with big data analytics and its impact on corporate sustainability	1402 1404 2001	Accounting Management Information Systems Economics, Econometrics and Finance (miscellaneous)	3	Social Sciences & Management	317 308 301	Economics & Econometrics Business & Management Studies Accounting & Finance	35
Climate anxiety, environmental attitude, and job engagement	2900	General Nursing	5	Life Sciences & Medicine	534	Nursing	34

among nursing	ı			1	ı	I	
university colleagues: a							
multicenter descriptive							
study							
Single crystal, Hirshfeld							
surface and theoretical							
analysis of methyl 4-							
hydroxybenzoate, a							
common cosmetic, drug							
and food preservative-							
Experiment versus							
theory	1000	Multidisciplinary	-	_	_	_	
Revitalizing the circular	2000	Traction parties;					
economy: An exploration							
of e-waste recycling				Engineering &		Materials Science Engineering -	
approaches in a	1601 2304			Technology Natural	433 249	Petroleum Environmental Sciences	
technological epoch	2505	Chemistry (miscellaneous) Environmental Chemistry Materials Chemistry	2 4	Sciences	424 409	Chemistry	37 36
Aqueous Phase from				Engineering &			
Hydrothermal				Technology Life			
Liquefaction:				Sciences & Medicine		Geography Environmental Sciences	
Composition and	1104 1303	Aquatic Science Biochemistry Water Science and Technology Geography,		Social Sciences &	425 424	Agriculture & Forestry Biological	32 40
Toxicity Assessment	2312 3305	Planning and Development	2 5 3	Management	502 507	Sciences	37
Impact of COVID-19			-1-1-				-
lockdown on small-scale							
farming in Northeastern							
Nile Delta of Egypt and							
learned lessons for							
water conservation				Engineering &			
potentials	2200	General Engineering	2	Technology			36
The Moderating Role of	2200	OCHOTAL ENGINEERING	-	тесниотову			- 00
Digital Environmental							
Management		Computer Science (miscellaneous) Computer Networks and Communications					
Accounting in the	1701 1705	Hardware and Architecture Energy Engineering and Power Technology		Social Sciences &		Computer Science & Information	
Relationship between	1708 2102	Renewable Energy, Sustainability and the Environment Environmental Science		Management	212 425	Systems Geography Engineering -	
Eco-Efficiency and	2105 2301	(miscellaneous) Management, Monitoring, Policy and Law Geography, Planning		Engineering &	249 221	Petroleum Engineering - Electrical &	37 40
Corporate Sustainability	2308 3305	and Development	3 2	Technology	424	Electronic Environmental Sciences	38 36
Risk Assessment of	2000 0000	and Borotophione	0,2	Toolinotogy		Etectionic Environmental colonics	55,55
Potential Groundwater							
Contamination by							
Agricultural Drainage				Social Sciences &			
Water in the Central	2304 2306			Management Natural			
Valley Watershed,	2310 2311	Environmental Chemistry Global and Planetary Change Pollution Waste		Sciences Engineering		Environmental Sciences Engineering -	
California, USA	2312	Management and Disposal Water Science and Technology	3 4 2	& Technology	424 249	Petroleum	37
Heuristic Approach for	2012	Transportation Disposari Water delicited and Technology	V 7 4	a recimiotopy	.27 270	- Cuctoum	- 37
Net-Zero Energy							
Residential Buildings in							
Arid Region Using Dual				Engineering &			
Renewable Energy	2205 2215			Technology Arts &		Engineering - Civil & Structural	
Sources	2205 2215 2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	220 106	Architecture	36 33
Correction to: Hydrogen							30,00
production, storage,							
utilisation and							
environmental impacts:							
a review (Environmental							
Chemistry Letters,							
(2022), 20, 1, (153-188),				Natural Sciences			
10.1007/s10311-021-				Engineering &		Engineering - Petroleum Environmental	
01322-8)	2304	Environmental Chemistry	4 2	Technology	249 424	Sciences	37
Towards an adaptive	2504	zamonius Onomiony	714	. сенногову	2701724	0.0.000	37
design of quality,							
productivity and	1700 2200			Engineering &		Computer Science & Information	
economic aspects when	2500	General Computer Science General Engineering General Materials Science	2	Technology	212 433	Systems Materials Science	36 38
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Enhancing Healing							
Environment and							
Sustainable Finishing				Engineering &			
Materials in Healthcare	2205 2215			Technology Arts &		Architecture Engineering - Civil &	
Buildings	2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	106 220	Structural	33 36
Sustainable Building		3 31 3 1		Engineering &	· ·		i i
Optimization Model for	2205 2215			Technology Arts &		Engineering - Civil & Structural	
Early-Stage Design	2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	220 106	Architecture	36 33
	2210	OWIT and Structural Engineering Duitaing and Construction Architecture	2 1 1	Hamanites	220 100	Alcilitecture	30 33
Predictors of climate							
change literacy in the era							
of global boiling: a cross-							
sectional survey of							
Egyptian nursing				Life Sciences &			
students	2900	General Nursing	5	Medicine	534	Nursing	34
"Valorisation of							
shredded waste tyres							
through sequential]		
thermal and catalytic]		
pyrolysis for the]		
production of diesel-like				Engineering &			
fuel."	2200	General Engineering	2	Technology	١.	l .	36
E-learning ecosystem	2200	Ocherac Engineering	+	reciniology	-		30
metaphor: building							
sustainable education							
for the post-COVID-19				Social Sciences &			
era	3304	Education	3	Management	318	Education & Training	41
Nano-integrating green							
and low-carbon							
concepts into							
ideological and political							
education in higher							
education institutions							
through K-means							
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sustainable energy:							
Trailblazing the							
utilization of Anadara							
uropigimelana shells for				Social Sciences &]		
sustainable biohydrogen				Management			
production from leftover	1501 1508	Chemical Engineering (miscellaneous) Process Chemistry and Technology		Engineering &	249 424	Engineering - Petroleum Environmental	
cooking oil	2310 2311	Pollution Waste Management and Disposal	3 2	Technology	219	Sciences Engineering - Chemical	36 37
Bioaerogels from							
biomass waste: An]		
alternative sustainable				1			
approach for wastewater	1303 1312			Life Sciences &			
treatment	1315	Biochemistry Molecular Biology Structural Biology	5	Medicine	507	Biological Sciences	32
Reliable sustainable	 	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	+		""		- V2
management strategies				Life Sciences &]		
for flare gas recovery:]		
technical,				Medicine Engineering			
environmental,				& Technology Natural			
modeling, and economic				Sciences Social]		
assessment: a	2304 2307			Sciences &		Engineering - Petroleum Environmental	
comprehensive review	2310	Environmental Chemistry Health, Toxicology and Mutagenesis Pollution	5 2 4 3	Management	249 424	Sciences	37 34
Waste Cooking Oil							
Management in Egypt:				1			
Production of Biodiesel-]			Ì			
Development of Rapid]			Ì			
Test Method	3100	General Physics and Astronomy	4	Natural Sciences	439	Physics & Astronomy	37
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Sustainable agricultural							
development under							
different climate change							
scenarios for El Moghra							
region, Western Desert	2002 2308	Economics and Econometrics Management, Monitoring, Policy and Law		Social Sciences &	425 424	Geography Environmental Sciences	40 37
of Egypt	3305	Geography, Planning and Development	3	Management	317	Economics & Econometrics	35
Developing a holistic				1 10			
green urban meter: An				Social Sciences &			
°							
analytical study of global				Management			
assessment tools for	2105 2308	Renewable Energy, Sustainability and the Environment Management, Monitoring,		Engineering &	221 425	Engineering - Electrical & Electronic	40 37
urban sustainability	3305	Policy and Law Geography, Planning and Development	3 2	Technology	424	Geography Environmental Sciences	36
Life cycle assessments							
of biofuel production							
from beach-cast							
seaweed by pyrolysis							
and hydrothermal	2102 2103	Energy Engineering and Power Technology Fuel Technology Nuclear Energy and		Engineering &		Engineering - Petroleum Engineering -	
liquefaction	2104 2105	Engineering Renewable Energy, Sustainability and the Environment	2	Technology	249 221	Electrical & Electronic	36
	2104 2105	Engineering Renewable Energy, Sustainability and the Environment		rechilology	249 221	Electrical & Electronic	30
Efficiency of utilizing							
building information							
modeling tools for							
examining smart	2205 2211			Arts & Humanities	249 106	Engineering - Petroleum Architecture	
materials behavior in a	2213 2215	Civil and Structural Engineering Mechanics of Materials Safety, Risk, Reliability		Engineering &	220 433	Engineering - Civil & Structural Materials	1
hot climate	2216	and Quality Building and Construction Architecture	1 2	Technology	222	Science Engineering - Mechanical	36 33
High-Performance							, 50
Glazing for Enhancing							
Sustainable							
Environment in Arid				Engineering &			
Region's Healthcare	2205 2215			Technology Arts &		Engineering - Civil & Structural	
Projects	2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	220 106	Architecture	33 36
Life cycle assessment				Social Sciences &			
and generative design:				Management			
development of a				Engineering &		Business & Management Studies	
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national LCA tool for	1400 2205	General Business, Management and Accounting Civil and Structural Engineering		Technology Arts &	308 220	Engineering - Civil & Structural	36 33
exterior walls	2215 2216	Building and Construction Architecture	3 2 1	Humanities	106	Architecture	35
Evaluating BIPV Façades							
in a Building Envelope in							
Hot Districts for							
Enhancing Sustainable				Engineering &			
Ranking: A Saudi Arabian	2205 2215			Technology Arts &		Architecture Engineering - Civil &	
Perspective	2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	106 220	Structural	36 33
Sustainability-Based	2210	Own and other target entire Building and Oorist detail Attended to		Tumumues	100 220	Gractarat	00 00
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Value Engineering							
Management as an				Engineering &			
Integrated Approach to	2205 2215			Technology Arts &		Engineering - Civil & Structural	
Construction Projects	2216	Civil and Structural Engineering Building and Construction Architecture	2 1	Humanities	220 106	Architecture	36 33
Advanced chitosan-							
based composites for				Engineering &			
sustainable removal of				Technology Social		Environmental Sciences Geography	1
	2101 2105	Energy (miscellaneous) Renewable Energy, Sustainability and the Environment		Sciences &	424 425		401.271
Congo red from textile			1	Sciences a		Engineering - Petroleum Engineering - Electrical & Electronic	40 37 36
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wastewater	2301 3305	Environmental Science (miscellaneous) Geography, Planning and Development	2 3	Management	249 221	Electrical & Electronic	30
Efficient Geospatial			2 3	Management	249 221	Electrical & Electronic	30
Efficient Geospatial Data Analysis	2301 3305		2 3		249 221	Electrical & Electronic	30
Efficient Geospatial			2 3	Management Engineering &	249 221	Computer Science & Information	30
Efficient Geospatial Data Analysis	2301 3305		2 3		249 221		38 36
Efficient Geospatial Data Analysis Framework in Fog Environment	2301 3305	Environmental Science (miscellaneous) Geography, Planning and Development	·	Engineering &		Computer Science & Information	
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and	2301 3305	Environmental Science (miscellaneous) Geography, Planning and Development	·	Engineering & Technology		Computer Science & Information	
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage	2301 3305	Environmental Science (miscellaneous) Geography, Planning and Development	·	Engineering & Technology Engineering &		Computer Science & Information Systems Materials Science	
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment	2301 3305 1700 2200 2500	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science	·	Engineering & Technology Engineering & Technology Natural	212 433	Computer Science & Information Systems Materials Science Environmental Sciences Architecture	38 36
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical	2301 3305 1700 2200 2500 2105 2216	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science Renewable Energy, Sustainability and the Environment Architecture	2	Engineering & Technology Engineering & Technology Natural Sciences Arts &	212 433	Computer Science & Information Systems Materials Science Environmental Sciences Architecture Engineering - Electrical & Electronic	38 36 37 33
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment	2301 3305 1700 2200 2500	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science	·	Engineering & Technology Engineering & Technology Natural	212 433	Computer Science & Information Systems Materials Science Environmental Sciences Architecture	38 36
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical	2301 3305 1700 2200 2500 2105 2216	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science Renewable Energy, Sustainability and the Environment Architecture	2	Engineering & Technology Engineering & Technology Natural Sciences Arts &	212 433	Computer Science & Information Systems Materials Science Environmental Sciences Architecture Engineering - Electrical & Electronic	38 36 37 33
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study Artificial intelligence for	2301 3305 1700 2200 2500 2105 2216 2304 1701 1801	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science Renewable Energy, Sustainability and the Environment Architecture Environmental Chemistry Computer Science (miscellaneous) Decision Sciences (miscellaneous)	2	Engineering & Technology Engineering & Technology Natural Sciences Arts & Humanities	212 433 424 106 221 249	Computer Science & Information Systems Materials Science Environmental Sciences Architecture Engineering - Electrical & Electronic Engineering - Petroleum Economics & Econometrics Computer	38 36 37 33 36
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study Artificial intelligence for sustainable waste	2301 3305 1700 2200 2500 2105 2216 2304 1701 1801 2001 2203	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science Renewable Energy, Sustainability and the Environment Architecture Environmental Chemistry Computer Science (miscellaneous) Decision Sciences (miscellaneous) Economics, Econometrics and Finance (miscellaneous) Automotive	2	Engineering & Technology Engineering & Technology Natural Sciences Arts & Humanities Engineering &	212 433 424 106 221 249 317 212	Computer Science & Information Systems Materials Science Environmental Sciences Architecture Engineering - Electrical & Electronic Engineering - Petroleum Economics & Econometrics Computer Science & Information Systems	38 36 37 33 36 36 38
Efficient Geospatial Data Analysis Framework in Fog Environment Rehabilitation and Exploitation of Heritage Buildings. An Investment Approach: Analytical Comparative Case Study Artificial intelligence for	2301 3305 1700 2200 2500 2105 2216 2304 1701 1801	Environmental Science (miscellaneous) Geography, Planning and Development General Computer Science General Engineering General Materials Science Renewable Energy, Sustainability and the Environment Architecture Environmental Chemistry Computer Science (miscellaneous) Decision Sciences (miscellaneous)	2	Engineering & Technology Engineering & Technology Natural Sciences Arts & Humanities	212 433 424 106 221 249	Computer Science & Information Systems Materials Science Environmental Sciences Architecture Engineering - Electrical & Electronic Engineering - Petroleum Economics & Econometrics Computer	38 36 37 33 36

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COVID-19 crisis: Critical				Sciences &			
challenges				Management			
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PIPE INDUSTRY							
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IMPLEMENTATION	2311	Waste Management and Disposal	3	Management	424	Environmental Sciences	37
Oleaginous fungi as a							
sustainable source for							
biodiesel production:	4404104001	And the standard British and Original Control of the standard Control of the s		1:6-0-1		Biological Colonia de Colonia	
Current and future	1101 2402	Agricultural and Biological Sciences (miscellaneous) Applied Microbiology and	_	Life Sciences &	5071 500	Biological Sciences Agriculture &	
prospect	2403 2404	Biotechnology Immunology Microbiology	5	Medicine	507 502	Forestry	32
SM-BIM: A NEW							
CONCEPTUAL							
FRAMEWORK FOR MULTI-CRITERIA				Life Sciences &			
DECISION-MAKING	00051 00451			Medicine Arts &			
PROCESS BASED ON	2205 2215	0.710		Humanities Social			
SMART MATERIALS AND	2216 2300	Civil and Structural Engineering Building and Construction Architecture		Sciences &	40.41.4051		041.001
BUILDING	2305 2308	General Environmental Science Environmental Engineering Management,		Management	424 425	Environmental Sciences Geography	34 36
INFORMATION	2309 2739	Monitoring, Policy and Law Nature and Landscape Conservation Public Health,	5141010	Engineering &	532 220	Medicine Engineering - Civil &	40 37
MODELING	3305	Environmental and Occupational Health Geography, Planning and Development	5 1 3 2	Technology	106	Structural Architecture	33
Conversion of Fish				life Cairman 0	1		
Waste Oil into Biofuel:	4005	Planetering	_	Life Sciences &	507	B. J. S. 10 S.	
An Experimental Study	1305	Biotechnology	5	Medicine	507	Biological Sciences	32
Green NiFe2O4nano-							
sorbent construction via							
Foeniculum vulgare				Natural Sciences			
extract for efficient	1606 2610	Physical and Theoretical Chemistry Mathematical Physics General Physics and	41.0	Engineering &	409 249	Chemistry Engineering - Petroleum	
barium ions removal	3100	Astronomy	4 2	Technology	439	Physics & Astronomy	37
	.=			Social Sciences &		<u> </u>	
Big Data Analytics and	1701 1801	Computer Science (miscellaneous) Decision Sciences (miscellaneous)		Management		Engineering - Mechanical Mathematics	
Its Impact on Corporate	2001 2203	Economics, Econometrics and Finance (miscellaneous) Automotive		Engineering &	222 431	Data Science Computer Science &	38 37
Sustainability Disclosure	2207 2606	Engineering Control and Systems Engineering Control and Optimization Social	01014	Technology Natural	213 212	Information Systems Economics &	36 35
in the Digital Era	3301	Sciences (miscellaneous)	3 2 4	Sciences	317	Econometrics	40
Burgar and the said					4541.0401	Geophysics Engineering - Petroleum	
Predictive modeling of	10001 00011	One-to-bailed Engineering and Engineering One-to-bail Engineering		Fasinansias 0	451 249	Architecture Engineering - Civil &	
sustainable recycled	1909 2201	Geotechnical Engineering and Engineering Geology Engineering		Engineering &	106 220	Structural Geology Earth & Marine	
materials for stone	2205 2215	(miscellaneous) Civil and Structural Engineering Building and Construction	0.4	Technology Natural	450 416	Sciences Engineering - Mineral &	071.00
column construction	2305	Environmental Engineering	2 4	Sciences	247 424	Mining Environmental Sciences	37 36
EXPERIMENTAL AND							
STATIC SIMULATION STUDY FOR							
ENHANCING							
WASTEWATER TREATMENT BY				Social Sciences &			1
ELECTROCOAGULATION				Social Sciences & Management			
USING MAGNETIC	22051 22001						
FIELDS	2305 2308 2310	Environmental Engineering Management, Monitoring, Policy and Law Pollution	3 2	Engineering & Technology	424	Environmental Sciences	37
Slow-release urea	2010	Environmental Engineering management, monitoring, rodey and Law Follution	012	reciniology	424	Livioninental ociences	3/
fertilizer fabrication					1		
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incorporation of raw				Engineering &	1		
bentonite and gelatin	1600 2500	General Chemistry General Materials Science Materials Science		Technology Natural			
binder	2501	(miscellaneous)	2 4	Sciences	433 409	Materials Science Chemistry	37 36
Graphical revamping of	2001	(miscedaneous)	 4	Sciences	400 400	Frateriats Science Chemistry	3/ 30
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a delayed coker unit: A case study from an				Engineering &		 Engineering - Petroleum Engineering -	
	1507	Fluid Flow and Transfer Processes	2	Technology	2401.210		20
Egyptian refinery	1507	Fluid Flow and Transfer Processes	2		249 219	Chemical	36
Sustainable Textile Wastewater Treatment	16001 25001	General Chemistry General Materials Science Materials Science		Natural Sciences Engineering &			1
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Chitosan for High-							
Efficiency Dye Removal							
Microbial Remediation							
of some Heavy Metals in							
Wastewaters of Lake				Life Sciences &			
Manzala, Egypt	1104	Aquatic Science	5	Medicine	502	Agriculture & Forestry	32

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Title	Times Higher Education (THE) field name	code	ANZSRC FoR (2020) parent name	code	ANZSRC FoR (2020) name	(2025)
Hydrogen production, storage, utilisation and		34 41	Chemical Sciences Environmental			SDG 7 SDG 9 SDG
environmental impacts: a review	Physical Sciences	31	Sciences Biological Sciences		-	12 SDG 13
Conversion of biomass to biofuels and life		31 41	Biological Sciences Environmental			SDG 7 SDG 9 SDG
cycle assessment: a review	Physical Sciences	34	Sciences Chemical Sciences	-	-	12 SDG 13
Biochar for agronomy, animal farming,						
anaerobic digestion, composting, water						
treatment, soil remediation, construction,						
energy storage, and carbon sequestration: a		34 41	Chemical Sciences Environmental			SDG 6 SDG 7 SDG
review	Physical Sciences	31	Sciences Biological Sciences		-	8 SDG 12 SDG 13
Insight on water remediation application using				3402		SDG 6 SDG 9 SDG
magnetic nanomaterials and biosorbents	Physical Sciences Engineering	34 40	Chemical Sciences Engineering	4003	Inorganic chemistry Biomedical engineering	12
Plant growth-promoting microorganisms as						
biocontrol agents of plant diseases:						
Mechanisms, challenges and future			Biological Sciences Agricultural,	3108		SDG 2 SDG 3 SDG
perspectives	Life Sciences	31 30	Veterinary And Food Sciences	3004	Plant biology Crop and pasture production	8 SDG 12
Methods to prepare biosorbents and magnetic		31 41	Biological Sciences Environmental			SDG 6 SDG 7 SDG
sorbents for water treatment: a review	Physical Sciences	34	Sciences Chemical Sciences	-	-	12 SDG 14
Membrane Technology for Energy Saving:						
Principles, Techniques, Applications,						SDG 6 SDG 7 SDG
Challenges, and Prospects	Engineering Physical Sciences	-	-	-	-	9 SDG 12
Materials, fuels, upgrading, economy, and life						
cycle assessment of the pyrolysis of algal and		31 41	Biological Sciences Environmental			SDG 7 SDG 8 SDG
lignocellulosic biomass: a review	Physical Sciences	34	Sciences Chemical Sciences	-	-	9 SDG 12 SDG 13
Optimizing biomass pathways to bioenergy						
and biochar application in electricity						SDG 7 SDG 8 SDG
generation, biodiesel production, and		41 34	Environmental Sciences Chemical			9 SDG 11 SDG 12
biohydrogen production	Physical Sciences	31	Sciences Biological Sciences	-	-	SDG 13
2-Mercaptobenzimidazole derivative of						
chitosan for silver sorption - Contribution of				4011		
magnetite incorporation and sonication				4004	Environmental engineering Chemical	
effects on enhanced metal recovery	Engineering Physical Sciences	40	Engineering	4016	engineering Materials engineering	SDG 12
Experiment-based process modeling and						
optimization for high-quality and resource-	Computer Science Physical Sciences					
efficient FFF 3D printing	Engineering	MD	Multidisciplinary	MD	Multidisciplinary	SDG 9 SDG 12
Chitosan- or glycidyl methacrylate-based						
adsorbents for the removal of dyes from				4016		SDG 6 SDG 9 SDG
aqueous solutions: a review	Engineering Physical Sciences	40 34	Engineering Chemical Sciences	3406	Materials engineering Physical chemistry	12
Facile Synthesis and Life Cycle Assessment of						
Highly Active Magnetic Sorbent Composite						
Derived from Mixed Plastic and Biomass				3401		SDG 6 SDG 9 SDG
Waste for Water Remediation	Physical Sciences Engineering	40 34	Engineering Chemical Sciences	4004	Analytical chemistry Chemical engineering	12 SDG 13
Geopolymers as sustainable eco-friendly						
materials: Classification, synthesis routes,				4004	Chemical engineering Environmental	SDG 6 SDG 9 SDG
and applications in wastewater treatment	Physical Sciences Engineering	40	Engineering	4011	engineering	12

11	T		T	1	T	SDG 6 SDG 9 SDG
Use of biopolymers in wastewater treatment: A brief review of current trends and prospects	Life Sciences Engineering Physical Sciences	40	Engineering	4004	Chemical engineering	12
	Life Sciences Engineering Friysical Sciences	40	Engineering	4004	Chemical engineering	12
Biomass-to-sustainable biohydrogen: Insights into the production routes, and technical						SDG 7 SDG 12 SDG
challenges	Engineering Physical Sciences					13
Sustainable management of food waste; pre-	Engineering Friysical Sciences	-	-	+	-	13
treatment strategies, techno-economic						
assessment, bibliometric analysis, and	Medical and Health Life Sciences Physical	34 31	Chemical Sciences Biological Sciences			SDG 7 SDG 9 SDG
potential utilizations: A systematic review	Sciences	41	Environmental Sciences			12
2-Mercaptobenzimidazole-functionalized	Sciences	41	Environmental Sciences	3406	-	12
chitosan for enhanced removal of methylene				4004	Physical chemistry! Chemical engineering!	
blue: Batch and column studies	Engineering Physical Sciences	34 40	Chemical Sciences Engineering	4011	Physical chemistry Chemical engineering Environmental engineering	SDG 6 SDG 12
	Engineening Friysical Sciences	34 40	Chemical Sciences Engineering	4011	Environmental engineering	300 0 300 12
Tuning cationic/anionic dyes sorption from		41 31	Facility and the Colonia of Biological			SDG 6 SDG 7 SDG
aqueous solution onto green algal biomass for biohydrogen production	Physical Sciences Life Sciences	34	Environmental Sciences Biological Sciences Chemical Sciences			9 SDG 12
		34	·	3401	Analytical about the Landson Continuous and all	SDG 9 SDG 12 SDG
Oil spill clean-up using combined sorbents: a	Life Sciences Physical Sciences Medical	041.44	Chemical Sciences Environmental	1	Analytical chemistry Environmental	
comparative investigation and design aspects	and Health	34 41	Sciences	4104	management	14
Toward a circular economy: Investigating the				40041		
effectiveness of different plastic waste				4004	l <u>.</u>	
management strategies: A comprehensive	Blood of the state	401.04	5 - 4 4 - 0 4 - 0	4011	Chemical engineering Environmental	SDG 12 SDG 13
review	Physical Sciences Engineering	40 34	Engineering Chemical Sciences	3406	engineering Physical chemistry	SDG 14
Biosolids management and utilizations: A	Business and Economics Physical Sciences	401.00	F. 4 4 1			SDG 6 SDG 8 SDG
review	Engineering	40 33	Engineering Built Environment And Design	ļ -	-	12 SDG 15
Catalytic fast pyrolysis of lignocellulosic						
biomass: Recent advances and						SDG 7 SDG 9 SDG
comprehensive overview	Engineering Physical Sciences	40	Engineering	4004	Chemical engineering	12
Dual valorization of coastal biowastes for						
tetracycline remediation and biomethane						
production: A composite assisted anaerobic		41 40	Environmental Sciences Engineering			SDG 7 SDG 12 SDG
digestion	Medical and Health Physical Sciences	34	Chemical Sciences	-	-	14
Utilization of chemically modified coal fly ash						
as cost-effective adsorbent for removal of						SDG 6 SDG 9 SDG
hazardous organic wastes	Life Sciences Physical Sciences	MD	Multidisciplinary	MD	Multidisciplinary	12
Toward a national life cycle assessment tool:						SDG 7 SDG 9 SDG
Generative design for early decision support	Engineering	33 40	Built Environment And Design Engineering	-	-	12
Green stability indicating organic solvent-free						
hplc determination of remdesivir in						
substances and pharmaceutical dosage forms	Engineering Physical Sciences	34	Chemical Sciences	3401	Analytical chemistry	SDG 3 SDG 12
Integration of active solar cooling technology				3302		
into passively designed facade in hot climates	Engineering Arts and Humanities	33 40	Built Environment And Design Engineering	4005	Building Civil engineering	SDG 7 SDG 12
Exploring the potential of sheep wool as an						
eco-friendly insulation material: A				3403	Macromolecular and materials chemistry	SDG 7 SDG 12 SDG
comprehensive review and analytical ranking	Engineering Physical Sciences	40 34	Engineering Chemical Sciences	4016	Materials engineering	13
How management accounting practices						
integrate with big data analytics and its impact			Commerce, Management, Tourism And			
on corporate sustainability	Business and Economics	35	Services	3501	Accounting, auditing and accountability	SDG 9 SDG 12
Climate anxiety, environmental attitude, and						
job engagement among nursing university				4204		
colleagues: a multicenter descriptive study	Medical and Health	42	Health Sciences	4205	Midwifery Nursing	SDG 12 SDG 13
Single crystal, Hirshfeld surface and						
theoretical analysis of methyl 4-		1				
hydroxybenzoate, a common cosmetic, drug						
and food preservative-Experiment versus						
theory	-	MD	Multidisciplinary	MD	Multidisciplinary	SDG 12
Revitalizing the circular economy: An			. ,		<u> </u>	
exploration of e-waste recycling approaches in						
a technological epoch	Physical Sciences Engineering	-	-	-	-	SDG 9 SDG 12
Aqueous Phase from Hydrothermal	, , , , , , , , , , , , , , , , , , , ,					
Liquefaction: Composition and Toxicity	Life Sciences Social Sciences Physical					SDG 6 SDG 7 SDG
Assessment	Sciences	MD	Multidisciplinary	MD	Multidisciplinary	9 SDG 12
Impact of COVID-19 lockdown on small-scale			· · · · · · · · · · · · · · · · · · ·	1.5	· · · · · · · · · · · · · · · · · · ·	SDG 2 SDG 6 SDG
farming in Northeastern Nile Delta of Egypt	Engineering	40	Engineering	1 .		8 SDG 12 SDG 15
tarming in Northeastern Nile Delta of Fount	Engineering	40	Engineering	-	-	I 8 SDG 12 I SDG 15

and learned lessons for water conservation						
potentials						
The Moderating Role of Digital Environmental Management Accounting in the Relationship between Eco-Efficiency and Corporate Sustainability	Physical Sciences Social Sciences Computer Science Engineering	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8 SDG 9 SDG 12
Risk Assessment of Potential Groundwater Contamination by Agricultural Drainage Water in the Central Valley Watershed, California, USA	Physical Sciences	31 41	Biological Sciences Environmental Sciences	4105 4104 3103	Pollution and contamination Environmental management Ecology	SDG 2 SDG 3 SDG 6 SDG 8 SDG 12
Heuristic Approach for Net-Zero Energy Residential Buildings in Arid Region Using Dual Renewable Energy Sources	Engineering Arts and Humanities	33 40	Built Environment And Design Engineering	3301 3302 4005	Architecture Building Civil engineering	SDG 7 SDG 12
Correction to: Hydrogen production, storage, utilisation and environmental impacts: a review (Environmental Chemistry Letters, (2022), 20, 1, (153-188), 10.1007/s10311-021-01322-8)	Physical Sciences	41 31 34	Environmental Sciences Biological Sciences Chemical Sciences	_		SDG 7 SDG 9 SDG 12
Towards an adaptive design of quality, productivity and economic aspects when machining aisi 4340 steel with wiper inserts	Engineering Computer Science	40 46	Engineering Information And Computing Sciences	_	-	SDG 9 SDG 12
Enhancing Healing Environment and Sustainable Finishing Materials in Healthcare Buildings	Arts and Humanities Engineering	40 33	Engineering Built Environment And Design	4005 3302 3301	Civil engineering Building Architecture	SDG 7 SDG 12
Sustainable Building Optimization Model for Early-Stage Design	Engineering Arts and Humanities	40 33	Engineering Built Environment And Design	4005 3301 3302	Civil engineering Architecture Building	SDG 7 SDG 12 SDG 13
Predictors of climate change literacy in the era of global boiling: a cross-sectional survey of Egyptian nursing students	Medical and Health	42	Health Sciences	4205 4204	Nursing Midwifery	SDG 12 SDG 13
"Valorisation of shredded waste tyres through sequential thermal and catalytic pyrolysis for the production of diesel-like fuel."	Engineering	40	Engineering	_	-	SDG 12
E-learning ecosystem metaphor: building sustainable education for the post-COVID-19 era	Education Studies	39 46	Education Information And Computing Sciences	3904 3903 4601	Specialist studies in education Education systems Applied computing	SDG 4 SDG 12
Nano-integrating green and low-carbon concepts into ideological and political education in higher education institutions through K-means clustering		MD	Multidisciplinary	MD	Multidisciplinary	SDG 4 SDG 12 SDG 13
From seashells to sustainable energy: Trailblazing the utilization of Anadara uropigimelana shells for sustainable biohydrogen production from leftover cooking oil	Engineering Physical Sciences	40 34	Engineering Chemical Sciences	3406 4004 4011	Physical chemistry Chemical engineering Environmental engineering	SDG 7 SDG 12 SDG 13
Bioaerogels from biomass waste: An alternative sustainable approach for wastewater treatment	Life Sciences	31	Biological Sciences	3101	Biochemistry and cell biology	SDG 3 SDG 6 SDG 8 SDG 11 SDG 12 SDG 13
Reliable sustainable management strategies for flare gas recovery: technical, environmental, modeling, and economic assessment: a comprehensive review	Physical Sciences Medical and Health	MD	Multidisciplinary	MD	Multidisciplinary	SDG 8 SDG 9 SDG 12 SDG 13
Waste Cooking Oil Management in Egypt: Production of Biodiesel-Development of Rapid Test Method	Physical Sciences	51	Physical Sciences	_	-	SDG 7 SDG 12
Sustainable agricultural development under different climate change scenarios for El Moghra region, Western Desert of Egypt	Social Sciences Physical Sciences Business and Economics	30 44 41	Agricultural, Veterinary And Food Sciences Human Society Environmental Sciences	4104 3002 4404	Environmental management Agriculture, land and farm management Development studies	SDG 2 SDG 6 SDG 8 SDG 12 SDG 13
Developing a holistic green urban meter: An analytical study of global assessment tools for urban sustainability	Social Sciences Physical Sciences Engineering	44 33	Human Society Built Environment And Design	4404 3304	Development studies Urban and regional planning	SDG 11 SDG 12 SDG 13

Life cycle assessments of biofuel production	T		Ī	4012	T	
from beach-cast seaweed by pyrolysis and				40081	Fluid mechanics and thermal engineering	SDG 7 SDG 9 SDG
hydrothermal liquefaction	Engineering	40	Engineering	4004	Electrical engineering Chemical engineering	12 SDG 13 SDG 14
Efficiency of utilizing building information						
modeling tools for examining smart materials				3302		SDG 4 SDG 7 SDG
behavior in a hot climate	Engineering Arts and Humanities	33 40	Built Environment And Design Engineering	4005	Building Civil engineering	8 SDG 12
High-Performance Glazing for Enhancing				3302		
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Healthcare Projects	Arts and Humanities Engineering	40 33	Engineering Built Environment And Design	3301	Building Civil engineering Architecture	SDG 7 SDG 12
Life cycle assessment and generative design:				3302		
development of a national LCA tool for exterior	Engineering Arts and Humanities Business			4005		SDG 8 SDG 9 SDG
walls	and Economics	40 33	Engineering Built Environment And Design	3301	Building Civil engineering Architecture	12
Evaluating BIPV Façades in a Building						
Envelope in Hot Districts for Enhancing				33021		
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Perspective	Engineering Arts and Humanities	33 40	Built Environment And Design Engineering	3301	Building Civil engineering Architecture	13 SDG 15
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Management as an Integrated Approach to				3301		
Construction Projects	Engineering Arts and Humanities	33 40	Built Environment And Design Engineering	4005	Building Architecture Civil engineering	SDG 4 SDG 12
Advanced chitosan-based composites for	0 10 01					
sustainable removal of Congo red from textile	Social Sciences Physical Sciences					SDG 6 SDG 9 SDG
wastewater	Engineering	_	-			12
Efficient Geospatial Data Analysis Framework			Information And Computing Sciences			
in Fog Environment	Computer Science Engineering	46 40	Engineering	-	_	SDG 12
Rehabilitation and Exploitation of Heritage				3301	Architecture Pollution and contamination	
Buildings. An Investment Approach: Analytical	Physical Sciences Arts and Humanities	41 37	Environmental Sciences Earth Sciences	4105	Physical geography and environmental	
Comparative Case Study	Engineering	33	Built Environment And Design	3709	geoscience	SDG 11 SDG 12
Artificial intelligence for sustainable waste	Engineering Computer Science Physical	100	Balk Environment/ and Boolgin	40061	Communications engineering Control	05011 05012
management and control during and post	Sciences Social Sciences Business and			4007	engineering, mechatronics and robotics Applied	SDG 11 SDG 12
COVID-19 crisis: Critical challenges	Economics	49 40	Mathematical Sciences Engineering	4901	mathematics	SDG 16
COVID 10 CH313. Officer Charlenges	Legionics	70 70	Tradicination defended Engineering	4004	matiemates	00010
WASTE REDUCTION IN PIPE INDUSTRY				4005	Chemical engineering Civil engineering	
THROUGH LEAN SIX SIGMA IMPLEMENTATION	Physical Sciences	41 40	Environmental Sciences Engineering	4104	Environmental management	SDG 9 SDG 12
Oleaginous fungi as a sustainable source for	1 Hysical ocienies	71170	Environmental defences Engineering	4104	Environmentatinanagement	0000 00012
biodiesel production: Current and future						SDG 7 SDG 12 SDG
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SM-BIM: A NEW CONCEPTUAL FRAMEWORK	Life deletides					10
FOR MULTI-CRITERIA DECISION-MAKING	Medical and Health Engineering Social					
PROCESS BASED ON SMART MATERIALS AND	Sciences Physical Sciences Arts and			3302		SDG 4 SDG 7 SDG
BUILDING INFORMATION MODELING	Humanities	33	Built Environment And Design	3301	Building Architecture	8 SDG 12
Conversion of Fish Waste Oil into Biofuel: An	Hamanites	- 55	Butt Environment/tild Besign	0001	Dullaring / Tremtestare	SDG 7 SDG 12 SDG
Experimental Study	Life Sciences	_		l _		14
Green NiFe2O4nano-sorbent construction via	Life ociences	-		5104		14
Foeniculum vulgare extract for efficient barium				3406	Condensed matter physics Physical chemistry	
ions removal	Physical Sciences	51 34	Physical Sciences Chemical Sciences	3400	Inorganic chemistry	SDG 12
ions removat	Computer Science Physical Sciences	31 34	Thysical ociences Orientical ociences	4901	Applied mathematics Control engineering,	30012
Big Data Analytics and Its Impact on Corporate	Engineering Business and Economics Social			4007	mechatronics and robotics Communications	
Sustainability Disclosure in the Digital Era	Sciences	40 49	Engineering Mathematical Sciences	4007	engineering	SDG 9 SDG 12
Predictive modeling of sustainable recycled	5555555	70140	Z. B. Joen III Franchiatical Ociences	7000		350 0 0 050 12
materials for stone column construction	Physical Sciences Engineering	40 37	Engineering Earth Sciences	1 .		SDG 12 SDG 13
EXPERIMENTAL AND STATIC SIMULATION	i nysicat sciences Engliteeting	40 3/	Engineering Latti Sciences	- -		300 12 300 13
STUDY FOR ENHANCING WASTEWATER			Commerce, Management, Tourism And			
TREATMENT BY ELECTROCOAGULATION		35 41				SDG 6 SDG 9 SDG
USING MAGNETIC FIELDS	Physical Sciences	40	Services Environmental Sciences Engineering	١.		12
Slow-release urea fertilizer fabrication through	i nysicut sciences	+0	Engineering	3405		14
=		221 401	Piomodical And Clinical Sciences	4004	Organic chamictayl Chamical anginacring!	SDC 31 SDC 91 SDC
the incorporation of raw bentonite and gelatin	Physical Sciences I Engineering	32 40 34	Biomedical And Clinical Sciences	1 '	Organic chemistry Chemical engineering	SDG 2 SDG 8 SDG 12
Craphical revenuing of a deleved calcar unit: A	Physical Sciences Engineering	34	Engineering Chemical Sciences	3214	Pharmacology and pharmaceutical sciences	
Graphical revamping of a delayed coker unit: A	Engineering	40	Engineering	4012 4017	Fluid mechanics and thermal engineering	SDG 7 SDG 9 SDG
case study from an Egyptian refinery	Engineering	40	Engineering		Mechanical engineering	12 SDG 13
Sustainable Textile Wastewater Treatment		221 401	Riemadical And Clinical Cairanas	4004	Chamical angineering Coronic about the	600 61 600 01 600
Using Biodegradable Chitosan for High- Efficiency Dye Removal	Farings of Dhysical Cainess	32 40	Biomedical And Clinical Sciences	3405	Chemical engineering Organic chemistry	SDG 6 SDG 9 SDG
	Engineering Physical Sciences	34	Engineering Chemical Sciences	3214	Pharmacology and pharmaceutical sciences	12

			Agricultural, Veterinary And Food	3005		
Microbial Remediation of some Heavy Metals		30 31	Sciences Biological Sciences	4104	Fisheries sciences Environmental management	SDG 3 SDG 6 SDG
in Wastewaters of Lake Manzala, Egypt	Life Sciences	41	Environmental Sciences	3109	Zoology	12 SDG 15

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