Publications at Port Said University
SDG 6

Data set	Publications at Port Said University								
Year range	2019 to 2023								
Subject classification	ASJC								
Filtered by	not filtered								
Types of publications included	All publication types								
Self-citations	-								
Data source	Scopus								
Date last updated	13 November 2024								
Date exported	24 November 2024								
158 publications									
Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	Reference	Abstract	DOI	EID
A critical review of biosorption of dyes, heavy metals and metalloids from wastewater as an efficient and green process	Elgarahy, A.M.| Elwakeel, K.Z.| Mohammad, S.H.| Elshoubaky, G.A.	2021	Cleaner Engineering and Technology	417	9.57	Elgarahy, A.M., Elwakeel, K.Z., Mohammad, S.H. and 1 more (...) (2021).A critical review of biosorption of dyes, heavy metals and metalloids from wastewater as an efficient and green process. Cleaner Engineering and Technology,4	https://www.scopus.com/record/display.uri?eid=2-s2.0-85114025405&origin=resultslist	10.1016/j.clet.2021.100209	2-s2.0-85114025405
A review of polymeric nanocomposite membranes for water purification	Bassyouni, M.| Abdel-Aziz, M.H.| Zoromba, M.S.| Abdel-Hamid, S.M.S.| Drioli, E.	2019	Journal of Industrial and Engineering Chemistry	265	4.29	Bassyouni, M., Abdel-Aziz, M.H., Zoromba, M.S. and 2 more (...) (2019).A review of polymeric nanocomposite membranes for water purification. Journal of Industrial and Engineering Chemistry,7319-46	https://www.scopus.com/record/display.uri?eid=2-s2.0-85061549957&origin=resultslist	10.1016/j.jiec.2019.01.045	2-s2.0-85061549957

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.	2020	Coordination Chemistry Reviews	245	4.33	Abdel Maksoud, M.I.A., Elgarahy, A.M., Farrell, C. and 3 more (...) (2020).Insight on water remediation application using magnetic nanomaterials and biosorbents. Coordination Chemistry Reviews,403	https://www.scopus.com/record/display.url?eid=2-s2.0-85074566536&origin=resultslist	10.1016/j.ccr.2019.213096	2-s2.0-85074566536
Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review	Osman, A.I.| Fawzy, S.| Farghali, M.| El-Azazy, M.| Elgarahy, A.M.| Fahim, R.A.| Maksoud, M.I.A.A.| Ajlan, A.A.| Yousry, M.| Saleem, Y.| Rooney, D.W.	2022	Environmental Chemistry Letters	238	5.9	Osman, A.I., Fawzy, S., Farghali, M. and 8 more (...) (2022).Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review. Environmental Chemistry Letters,20(4) 2385-2485	https://www.scopus.com/record/display.url?eid=2-s2.0-85129487821&origin=resultslist	10.1007/s10311-022-01424-x	2-s2.0-85129487821
Microplastic sources, formation, toxicity and remediation: a review	Osman, A.I.| Hosny, M.| Eltaweil, A.S.| Omar, S.| Elgarahy, A.M.| Farghali, M.| Yap, P.-S.| Wu, Y.-S.| Nagandran, S.| Batumalaie, K.| Gopinath, S.C.B.| John, O.D.| Sekar, M.| Saikia, T.| Karunanithi, P.| Hatta, M.H.M.| Akinyede, K.A.	2023	Environmental Chemistry Letters	186	9.65	Osman, A.I., Hosny, M., Eltaweil, A.S. and 14 more (...) (2023).Microplastic sources, formation, toxicity and remediation: a review. Environmental Chemistry Letters,21(4) 2129-2169	https://www.scopus.com/record/display.url?eid=2-s2.0-85151681648&origin=resultslist	10.1007/s10311-023-01593-3	2-s2.0-85151681648
Perspectives regarding metal/mineral-incorporating materials for water purification: With special focus on Cr(vi) removal	Elwakeel, K.Z.| Elgarahy, A.M.| Khan, Z.A.| Almughamisi, M.S.| Al-Bogami, A.S.	2020	Materials Advances	135	2.5	Elwakeel, K.Z., Elgarahy, A.M., Khan, Z.A. and 2 more (...) (2020).Perspectives regarding metal/mineral-incorporating materials for water purification: With special focus on Cr(vi) removal. Materials Advances,1(6) 1546-1574	https://www.scopus.com/record/display.url?eid=2-s2.0-85089515162&origin=resultslist	10.1039/d0ma00153h	2-s2.0-85089515162

Metal organic framework based polymer mixed matrix membranes: Review on applications in water purification	Elrasheedy, A.| Nady, N.| Bassyouni, M.| El-Shazly, A.	2019	Membranes	112	1.81	Elrasheedy, A., Nady, N., Bassyouni, M. and 1 more (...) (2019).Metal organic framework based polymer mixed matrix membranes: Review on applications in water purification. Membranes,9(7)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85070986381&origin=resultslist	10.3390/membranes9070088	2-s2.0-85070986381
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, P.-S.| Rooney, D.W.| Eltaweil, A.S.	2023	Environmental Chemistry Letters	106	5.5	Osman, A.I., El-Monaem, E.M.A., Elgarahy, A.M. and 10 more (...) (2023).Methods to prepare biosorbents and magnetic sorbents for water treatment: a review. Environmental Chemistry Letters,21(4) 2337-2398	https://www.scopus.com/record/display.uri?eid=2-s2.0-85158063989&origin=resultslist	10.1007/s10311-023-01603-4	2-s2.0-85158063989
Microwave-accelerated sorption of cationic dyes onto green marine algal biomass	Elgarahy, A.M.| Elwakeel, K.Z.| Elshoubaky, G.A.| Mohammad, S.H.	2019	Environmental Science and Pollution Research	100	3.22	Elgarahy, A.M., Elwakeel, K.Z., Elshoubaky, G.A. and 1 more (...) (2019).Microwave-accelerated sorption of cationic dyes onto green marine algal biomass. Environmental Science and Pollution Research,26(22) 22704-22722	https://www.scopus.com/record/display.uri?eid=2-s2.0-85067279961&origin=resultslist	10.1007/s11356-019-05417-2	2-s2.0-85067279961
Microplastics prevalence, interactions, and remediation in the aquatic environment: A critical review	Elgarahy, A.M.| Akhdhar, A.| Elwakeel, K.Z.	2021	Journal of Environmental Chemical Engineering	89	2.38	Elgarahy, A.M., Akhdhar, A., Elwakeel, K.Z. (2021).Microplastics prevalence, interactions, and remediation in the aquatic environment: A critical review. Journal of Environmental Chemical Engineering,9(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113636793&origin=resultslist	10.1016/j.jece.2021.106224	2-s2.0-85113636793
Utilization of carbon nanotubes in removal of heavy metals from wastewater: a review of the CNTs' potential and current challenges	Bassyouni, M.| Mansi, A.E.| Elgabry, A.| Ibrahim, B.A.| Kassem, O.A.| Alhebeshy, R.	2020	Applied Physics A: Materials Science and Processing	86	1.2	Bassyouni, M., Mansi, A.E., Elgabry, A. and 3 more (...) (2020).Utilization of carbon nanotubes in removal of heavy metals from wastewater: a review of the CNTs' potential and current challenges. Applied Physics A: Materials Science and Processing,126(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076495160&origin=resultslist	10.1007/s00339-019-3211-7	2-s2.0-85076495160

Investigation of novel nanomaterial for the removal of toxic substances from contaminated water	El-Sayed, W.N.| Elwakeel, K.Z.| Shahat, A.| Awual, M.R.	2019	RSC Advances	79	2.55	El-Sayed, W.N., Elwakeel, K.Z., Shahat, A. and 1 more (...) (2019).Investigation of novel nanomaterial for the removal of toxic substances from contaminated water. RSC Advances,9(25) 14167-14175	https://www.scopus.com/record/display.url?eid=2-s2.0-85065641122&origin=resultslist	10.1039/c9ra00383e	2-s2.0-85065641122
Phosphorylation of guar gum/magnetite/chitosan nanocomposites for uranium (VI) sorption and antibacterial applications	Hamza, M.F.| Fouda, A.| Elwakeel, K.Z.| Wei, Y.| Guibal, E.| Hamad, N.A.	2021	Molecules	79	6.7	Hamza, M.F., Fouda, A., Elwakeel, K.Z. and 3 more (...) (2021).Phosphorylation of guar gum/magnetite/chitosan nanocomposites for uranium (VI) sorption and antibacterial applications. Molecules,26(7)	https://www.scopus.com/record/display.url?eid=2-s2.0-85103862533&origin=resultslist	10.3390/molecules26071920	2-s2.0-85103862533
Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview	Elgarahy, A.M.| Elwakeel, K.Z.| Akhdhar, A.| Hamza, M.F.	2021	Nanotechnology for Environmental Engineering	77	1.52	Elgarahy, A.M., Elwakeel, K.Z., Akhdhar, A. and 1 more (...) (2021).Recent advances in greenly synthesized nanoengineered materials for water/wastewater remediation: an overview. Nanotechnology for Environmental Engineering,6(1)	https://www.scopus.com/record/display.url?eid=2-s2.0-85101080018&origin=resultslist	10.1007/s41204-021-00104-5	2-s2.0-85101080018
Occurrence and spatial distribution of pharmaceuticals and personal care products (PPCPs) in the aquatic environment, their characteristics, and adopted legislations	Hawash, H.B.| Moneer, A.A.| Galhoum, A.A.| Elgarahy, A.M.| Mohamed, W.A.A.| Samy, M.| El-Seedi, H.R.| Gaballah, M.S.| Mubarak, M.F.| Attia, N.F.	2023	Journal of Water Process Engineering	76	6.06	Hawash, H.B., Moneer, A.A., Galhoum, A.A. and 7 more (...) (2023).Occurrence and spatial distribution of pharmaceuticals and personal care products (PPCPs) in the aquatic environment, their characteristics, and adopted legislations. Journal of Water Process Engineering,52	https://www.scopus.com/record/display.url?eid=2-s2.0-85147580222&origin=resultslist	10.1016/j.jwpe.2023.103490	2-s2.0-85147580222
Adsorption of polluted dyes from water by transition metal oxides: A review	Hosny, N.M.| Gomaa, I.| Elmahgary, M.G.	2023	Applied Surface Science Advances	71	12.29	Hosny, N.M., Gomaa, I., Elmahgary, M.G. (2023).Adsorption of polluted dyes from water by transition metal oxides: A review. Applied Surface Science Advances,15	https://www.scopus.com/record/display.url?eid=2-s2.0-85151405756&origin=resultslist	10.1016/j.apsadv.2023.100395	2-s2.0-85151405756

Microwave assist sorption of crystal violet and Congo red dyes onto amphoteric sorbent based on upcycled Sepia shells 03 Chemical Sciences 0306 Physical Chemistry (incl. Structural)	Elwakeel, K.Z.| Elgarahy, A.M.| Elshoubaky, G.A.| Mohammad, S.H.	2020	Journal of Environmental Health Science and Engineering	71	3.84	Elwakeel, K.Z., Elgarahy, A.M., Elshoubaky, G.A. and 1 more (...) (2020).Microwave assist sorption of crystal violet and Congo red dyes onto amphoteric sorbent based on upcycled Sepia shells 03 Chemical Sciences 0306 Physical Chemistry (incl. Structural). Journal of Environmental Health Science and Engineering,18(1) 35-50	https://www.scopus.com/record/display.uri?eid=2-s2.0-85085162361&origin=resultslist	10.1007/s40201-019-00435-1	2-s2.0-85085162361
Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes	Shalaby, S.M.| Madkour, F.F.| El-Kassas, H.Y.| Mohamed, A.A.| Elgarahy, A.M.	2021	Environmental Science and Pollution Research	66	3.36	Shalaby, S.M., Madkour, F.F., El-Kassas, H.Y. and 2 more (...) (2021).Green synthesis of recyclable iron oxide nanoparticles using Spirulina platensis microalgae for adsorptive removal of cationic and anionic dyes. Environmental Science and Pollution Research,28(46) 65549-65572	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111538461&origin=resultslist	10.1007/s11356-021-15544-4	2-s2.0-85111538461
Chitosan- or glycidyl methacrylate-based adsorbents for the removal of dyes from aqueous solutions: a review	Mashabi, R.A.| Khan, Z.A.| Elwakeel, K.Z.	2022	Materials Advances	62	2.31	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. Materials Advances,3(14) 5645-5671	https://www.scopus.com/record/display.uri?eid=2-s2.0-85133124075&origin=resultslist	10.1039/d2ma00320a	2-s2.0-85133124075
Biofuel production, hydrogen production and water remediation by photocatalysis, biocatalysis and electrocatalysis	Osman, A.I.| Elgarahy, A.M.| Eltaweil, A.S.| Abd El-Monaem, E.M.| El-Aqapa, H.G.| Park, Y.| Hwang, Y.| Ayati, A.| Farghali, M.| Ihara, I.| Al-Muhtaseb, A.H.| Rooney, D.W.| Yap, P.-S.| Sillanpää, M.	2023	Environmental Chemistry Letters	61	3.16	Osman, A.I., Elgarahy, A.M., Eltaweil, A.S. and 11 more (...) (2023).Biofuel production, hydrogen production and water remediation by photocatalysis, biocatalysis and electrocatalysis. Environmental Chemistry Letters,21(3) 1315-1379	https://www.scopus.com/record/display.uri?eid=2-s2.0-85149474869&origin=resultslist	10.1007/s10311-023-01581-7	2-s2.0-85149474869

Recovery of heavy metal ions using magnetic glycine-modified chitosan—application to aqueous solutions and tailing leachate	Benettayeb, A.| Morsli, A.| Elwakeel, K.Z.| Hamza, M.F.| Guibal, E.	2021	Applied Sciences (Switzerland)	60	4.63	Benettayeb, A., Morsli, A., Elwakeel, K.Z. and 2 more (...) (2021).Recovery of heavy metal ions using magnetic glycine-modified chitosan—application to aqueous solutions and tailing leachate. Applied Sciences (Switzerland),11(18)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85114695350&origin=resultslist	10.3390/app11188377	2-s2.0-85114695350
Multifunctional eco-friendly sorbent based on marine brown algae and bivalve shells for subsequent uptake of Congo red dye and copper(II) ions	Elgarahy, A.M.| Elwakeel, K.Z.| Mohammad, S.H.| Elshoubaky, G.A.	2020	Journal of Environmental Chemical Engineering	59	2.56	Elgarahy, A.M., Elwakeel, K.Z., Mohammad, S.H. and 1 more (...) (2020).Multifunctional eco-friendly sorbent based on marine brown algae and bivalve shells for subsequent uptake of Congo red dye and copper(II) ions. Journal of Environmental Chemical Engineering,8(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85087517122&origin=resultslist	10.1016/j.jece.2020.103915	2-s2.0-85087517122
Untapped Sepia Shell–Based Composite for the Sorption of Cationic and Anionic Dyes	Elgarahy, A.M.| Elwakeel, K.Z.| Elshoubaky, G.A.| Mohammad, S.H.	2019	Water, Air, and Soil Pollution	58	2.54	Elgarahy, A.M., Elwakeel, K.Z., Elshoubaky, G.A. and 1 more (...) (2019).Untapped Sepia Shell–Based Composite for the Sorption of Cationic and Anionic Dyes. Water, Air, and Soil Pollution,230(9)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85071608290&origin=resultslist	10.1007/s11270-019-4247-1	2-s2.0-85071608290
Experimental and theoretical investigation of a new air gap membrane distillation module with a corrugated feed channel	Elhenawy, Y.| Elminshawy, N.A.S.| Bassyouni, M.| Alhathal Alanezi, A.| Drioli, E.	2020	Journal of Membrane Science	56	2.73	Elhenawy, Y., Elminshawy, N.A.S., Bassyouni, M. and 2 more (...) (2020).Experimental and theoretical investigation of a new air gap membrane distillation module with a corrugated feed channel. Journal of Membrane Science,594	https://www.scopus.com/record/display.uri?eid=2-s2.0-85072258053&origin=resultslist	10.1016/j.memsci.2019.117461	2-s2.0-85072258053

Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation	Osman, A.I.| Elgarahy, A.M.| Mehta, N.| Al-Muhtaseb, A.H.| Al-Fatesh, A.S.| Rooney, D.W.	2022	ACS Sustainable Chemistry and Engineering	55	4.22	Osman, A.I., Elgarahy, A.M., Mehta, N. and 3 more (...) (2022).Facile Synthesis and Life Cycle Assessment of Highly Active Magnetic Sorbent Composite Derived from Mixed Plastic and Biomass Waste for Water Remediation. ACS Sustainable Chemistry and Engineering,10(37) 12433-12447	https://www.scopus.com/record/display.uri?eid=2-s2.0-85138060052&origin=resultslist	10.1021/acssuschemeng.2c04095	2-s2.0-85138060052
Removal of nitrates from water by electrocoagulation using a cell with horizontally oriented Al serpentine tube anode	Abdel-Aziz, M.H.| El-Ashtoukhy, E.-S.Z.| Sh. Zoromba, M.| Bassyouni, M.| Sedahmed, G.H.	2020	Journal of Industrial and Engineering Chemistry	55	3.36	Abdel-Aziz, M.H., El-Ashtoukhy, E.-S.Z., Sh. Zoromba, M. and 2 more (...) (2020).Removal of nitrates from water by electrocoagulation using a cell with horizontally oriented Al serpentine tube anode. Journal of Industrial and Engineering Chemistry,82105-112	https://www.scopus.com/record/display.uri?eid=2-s2.0-85073709760&origin=resultslist	10.1016/j.jiec.2019.10.001	2-s2.0-85073709760
Experimental and simulation study of multichannel air gap membrane distillation process with two types of solar collectors	Marni Sandid, A.| Bassyouni, M.| Nehari, D.| Elhenawy, Y.	2021	Energy Conversion and Management	50	3.47	Marni Sandid, A., Bassyouni, M., Nehari, D. and 1 more (...) (2021).Experimental and simulation study of multichannel air gap membrane distillation process with two types of solar collectors. Energy Conversion and Management,243	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108903443&origin=resultslist	10.1016/j.enconman.2021.114431	2-s2.0-85108903443
2-Mercaptobenzimidazole-functionalized chitosan for enhanced removal of methylene blue: Batch and column studies	Elwakeel, K.Z.| Elgarahy, A.M.| Al-Bogami, A.S.| Hamza, M.F.| Guibal, E.	2021	Journal of Environmental Chemical Engineering	50	2.94	Elwakeel, K.Z., Elgarahy, A.M., Al-Bogami, A.S. and 2 more (...) (2021).2-Mercaptobenzimidazole-functionalized chitosan for enhanced removal of methylene blue: Batch and column studies. Journal of Environmental Chemical Engineering,9(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105945914&origin=resultslist	10.1016/j.jece.2021.105609	2-s2.0-85105945914

A novel concentrated photovoltaic-driven membrane distillation hybrid system for the simultaneous production of electricity and potable water	Elminshawy, N.A.S.| Gadalla, M.A.| Bassyouni, M.| El-Nahhas, K.| Elminshawy, A.| Elhenawy, Y.	2020	Renewable Energy	49	1.66	Elminshawy, N.A.S., Gadalla, M.A., Bassyouni, M. and 3 more (...) (2020).A novel concentrated photovoltaic-driven membrane distillation hybrid system for the simultaneous production of electricity and potable water. Renewable Energy,162802-817	https://www.scopus.com/record/display.uri?eid=2-s2.0-85089946938&origin=resultslist	10.1016/j.renene.2020.08.041	2-s2.0-85089946938
Enhanced structural, optical, and photocatalytic activities of Cd–Co doped Zn ferrites for degrading methyl orange dye under irradiation by visible light	Shakil, M.| Inayat, U.| Khalid, N.R.| Tanveer, M.| Gillani, S.S.A.| Tariq, N.H.| Shah, A.| Mahmood, A.| Dahshan, A.	2022	Journal of Physics and Chemistry of Solids	48	4.78	Shakil, M., Inayat, U., Khalid, N.R. and 6 more (...) (2022).Enhanced structural, optical, and photocatalytic activities of Cd–Co doped Zn ferrites for degrading methyl orange dye under irradiation by visible light. Journal of Physics and Chemistry of Solids,161	https://www.scopus.com/record/display.uri?eid=2-s2.0-85116622456&origin=resultslist	10.1016/j.jpcs.2021.110419	2-s2.0-85116622456
Oily wastewater treatment using polyamide thin film composite membrane technology	Elhady, S.| Bassyouni, M.| Mansour, R.A.| Elzahar, M.H.| Abdel-Hamid, S.| Elhenawy, Y.| Saleh, M.Y.	2020	Membranes	47	1.94	Elhady, S., Bassyouni, M., Mansour, R.A. and 4 more (...) (2020).Oily wastewater treatment using polyamide thin film composite membrane technology. Membranes,10(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85084227656&origin=resultslist	10.3390/membranes10050084	2-s2.0-85084227656
A novel photocatalytic reactor for the extended reuse of W–TiO2 in the degradation of sulfamethazine	Fouad, K.| Gar Alalm, M.| Bassyouni, M.| Saleh, M.Y.	2020	Chemosphere	46	1.87	Fouad, K., Gar Alalm, M., Bassyouni, M. and 1 more (...) (2020).A novel photocatalytic reactor for the extended reuse of W–TiO2 in the degradation of sulfamethazine. Chemosphere,257	https://www.scopus.com/record/display.uri?eid=2-s2.0-85085953095&origin=resultslist	10.1016/j.chemosphere.2020.127270	2-s2.0-85085953095
Tuning cationic/anionic dyes sorption from aqueous solution onto green algal biomass for biohydrogen production	Elgarahy, A.M.| Maged, A.| Elwakeel, K.Z.| El-Gohary, F.| El-Qelish, M.	2023	Environmental Research	40	7.88	Elgarahy, A.M., Maged, A., Elwakeel, K.Z. and 2 more (...) (2023).Tuning cationic/anionic dyes sorption from aqueous solution onto green algal biomass for biohydrogen production. Environmental Research,216	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141223489&origin=resultslist	10.1016/j.envres.2022.114522	2-s2.0-85141223489

Modeling flash floods and induced recharge into alluvial aquifers using multi-temporal remote sensing and electrical resistivity imaging	El-Saadawy, O.| Gaber, A.| Othman, A.| Abotalib, A.Z.| Bastawesy, M.E.| Attwa, M.	2020	Sustainability (Switzerland)	39	2.57	El-Saadawy, O., Gaber, A., Othman, A. and 3 more (...) (2020).Modeling flash floods and induced recharge into alluvial aquifers using multi-temporal remote sensing and electrical resistivity imaging. Sustainability (Switzerland),12(23) 1-20	https://www.scopus.com/record/display.uri?eid=2-s2.0-85097413393&origin=resultslist	10.3390/su122310204	2-s2.0-85097413393
Synthesis and characterization of NH2-MIL-88(Fe) for efficient adsorption of dyes	Hassan, N.| Shahat, A.| El-Deen, I.M.| El-Afify, M.A.M.| El-Bindary, M.A.	2022	Journal of Molecular Structure	39	4.71	Hassan, N., Shahat, A., El-Deen, I.M. and 2 more (...) (2022).Synthesis and characterization of NH2-MIL-88(Fe) for efficient adsorption of dyes. Journal of Molecular Structure,1258	https://www.scopus.com/record/display.uri?eid=2-s2.0-85125505498&origin=resultslist	10.1016/j.molstruc.2022.132662	2-s2.0-85125505498
Use of biopolymers in wastewater treatment: A brief review of current trends and prospects	Elgarahy, A.M.| Eloffy, M.G.| Guibal, E.| Alghamdi, H.M.| Elwakeel, K.Z.	2023	Chinese Journal of Chemical Engineering	37	2.77	Elgarahy, A.M., Eloffy, M.G., Guibal, E. and 2 more (...) (2023).Use of biopolymers in wastewater treatment: A brief review of current trends and prospects. Chinese Journal of Chemical Engineering,64292-320	https://www.scopus.com/record/display.uri?eid=2-s2.0-85176979694&origin=resultslist	10.1016/j.cjche.2023.05.018	2-s2.0-85176979694
A biogenic tunable sorbent produced from upcycling of aquatic biota-based materials functionalized with methylene blue dye for the removal of chromium(VI) ions	Elwakeel, K.Z.| Elgarahy, A.M.| Guibal, E.	2021	Journal of Environmental Chemical Engineering	36	2.1	Elwakeel, K.Z., Elgarahy, A.M., Guibal, E. (2021).A biogenic tunable sorbent produced from upcycling of aquatic biota-based materials functionalized with methylene blue dye for the removal of chromium(VI) ions. Journal of Environmental Chemical Engineering,9(2)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85097605779&origin=resultslist	10.1016/j.jece.2020.104767	2-s2.0-85097605779
Recent developments in recalcitrant organic pollutants degradation using immobilized photocatalysts	Fouad, K.| Bassyouni, M.| Alalm, M.G.| Saleh, M.Y.	2021	Applied Physics A: Materials Science and Processing	36	2.04	Fouad, K., Bassyouni, M., Alalm, M.G. and 1 more (...) (2021).Recent developments in recalcitrant organic pollutants degradation using immobilized photocatalysts. Applied Physics A: Materials Science and Processing,127(8)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110989528&origin=resultslist	10.1007/s00339-021-04724-1	2-s2.0-85110989528

Design and performance a novel hybrid membrane distillation/humidification–dehumidification system	Elhenawy, Y.| Fouad, K.| Bassyouni, M.| Majozi, T.	2023	Energy Conversion and Management	34	6.32	Elhenawy, Y., Fouad, K., Bassyouni, M. and 1 more (...) (2023).Design and performance a novel hybrid membrane distillation/humidification–dehumidification system. Energy Conversion and Management,286	https://www.scopus.com/record/display.url?eid=2-s2.0-85153602253&origin=resultslist	10.1016/j.enconman.2023.117039	2-s2.0-85153602253
Performance estimation of a mini-passive solar still via machine learning	Maddah, H.A.| Bassyouni, M.| Abdel-Aziz, M.H.| Zoromba, M.S.| Al-Hossainy, A.F.	2020	Renewable Energy	32	1.04	Maddah, H.A., Bassyouni, M., Abdel-Aziz, M.H. and 2 more (...) (2020).Performance estimation of a mini-passive solar still via machine learning. Renewable Energy,162489-503	https://www.scopus.com/record/display.url?eid=2-s2.0-85089946148&origin=resultslist	10.1016/j.renene.2020.08.006	2-s2.0-85089946148
Modification of Non-Activated Carbon from Rubber Fruit Shells with 3-(Aminopropyl)-Triethoxysilane and Its Adsorption Study on Coomassie Brilliant Blue and Methylene Blue in Solution	Buhani| Dewi, J.S.| Fajriyah, N.S.| Rilyanti, M.| Suharso| Sumadi| Elwakeel, K.Z.	2023	Water, Air, and Soil Pollution	31	5.7	Buhani, Dewi, J.S., Fajriyah, N.S. and 4 more (...) (2023).Modification of Non-Activated Carbon from Rubber Fruit Shells with 3-(Aminopropyl)-Triethoxysilane and Its Adsorption Study on Coomassie Brilliant Blue and Methylene Blue in Solution. Water, Air, and Soil Pollution,234(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85168707127&origin=resultslist	10.1007/s11270-023-06506-2	2-s2.0-85168707127
Geopolymers as sustainable eco-friendly materials: Classification, synthesis routes, and applications in wastewater treatment	Elgarahy, A.M.| Maged, A.| Eloffy, M.G.| Zahran, M.| Kharbish, S.| Elwakeel, K.Z.| Bhatnagar, A.	2023	Separation and Purification Technology	31	2.55	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	https://www.scopus.com/record/display.url?eid=2-s2.0-85165602917&origin=resultslist	10.1016/j.seppur.2023.124631	2-s2.0-85165602917
Performance enhancement of a hybrid multi effect evaporation/membrane distillation system driven by solar energy for desalination	Elhenawy, Y.| Moustafa, G.H.| Attia, A.M.| Mansi, A.E.| Majozi, T.| Bassyouni, M.	2022	Journal of Environmental Chemical Engineering	30	2.91	Elhenawy, Y., Moustafa, G.H., Attia, A.M. and 3 more (...) (2022).Performance enhancement of a hybrid multi effect evaporation/membrane distillation system driven by solar energy for desalination. Journal of Environmental Chemical Engineering,10(6)	https://www.scopus.com/record/display.url?eid=2-s2.0-85141848777&origin=resultslist	10.1016/j.jece.2022.108855	2-s2.0-85141848777

Hydrogen production from wastewater, storage, economy, governance and applications: a review	Elgarahy, A.M.| Eloffy, M.G.| Hammad, A.| Saber, A.N.| El-Sherif, D.M.| Mohsen, A.| Abouzid, M.| Elwakeel, K.Z.	2022	Environmental Chemistry Letters	30	0.74	Elgarahy, A.M., Eloffy, M.G., Hammad, A. and 5 more (...) (2022).Hydrogen production from wastewater, storage, economy, governance and applications: a review. Environmental Chemistry Letters,20(6) 3453-3504	https://www.scopus.com/record/display.url?eid=2-s2.0-85136583562&origin=resultslist	10.1007/s10311-022-01480-3	2-s2.0-85136583562
Effective methods for removing different types of dyes – modelling analysisstatistical physics treatment and DFT calculations: a review	El-Desouky, M.G.| Khalil, M.A.G.| El-Afify, M.A.M.| El-Bindary, A.A.| El-Bindary, M.A.	2022	Desalination and Water Treatment	28	3.4	El-Desouky, M.G., Khalil, M.A.G., El-Afify, M.A.M. and 2 more (...) (2022).Effective methods for removing different types of dyes – modelling analysisstatistical physics treatment and DFT calculations: a review. Desalination and Water Treatment,28089-127	https://www.scopus.com/record/display.url?eid=2-s2.0-85148444891&origin=resultslist	10.5004/dwt.2022.29029	2-s2.0-85148444891
Conceptual design and numerical analysis of a novel floating desalination plant powered by marine renewable energy for Egypt	Amin, I.| Ali, M.E.A.| Bayoumi, S.| Oterkus, S.| Shawky, H.| Oterkus, E.	2020	Journal of Marine Science and Engineering	28	1.9	Amin, I., Ali, M.E.A., Bayoumi, S. and 3 more (...) (2020).Conceptual design and numerical analysis of a novel floating desalination plant powered by marine renewable energy for Egypt. Journal of Marine Science and Engineering,8(2) 1-23	https://www.scopus.com/record/display.url?eid=2-s2.0-85085759976&origin=resultslist	10.3390/jmse8020095	2-s2.0-85085759976
Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt	Hermas, E.| Gaber, A.| El Bastawesy, M.	2021	Egyptian Journal of Remote Sensing and Space Science	27	2.18	Hermas, E., Gaber, A., El Bastawesy, M. (2021).Application of remote sensing and GIS for assessing and proposing mitigation measures in flood-affected urban areas, Egypt. Egyptian Journal of Remote Sensing and Space Science,24(1) 119-130	https://www.scopus.com/record/display.url?eid=2-s2.0-85082829338&origin=resultslist	10.1016/j.ejrs.2020.03.002	2-s2.0-85082829338

Role of identified bacterial consortium in treatment of Quhafa Wastewater Treatment Plant influent in Fayuom, Egypt	Ibrahim, S.| El-Liethy, M.A.| Elwakeel, K.Z.| Hasan, M.A.E.-G.| Al Zanaty, A.M.| Kamel, M.M.	2020	Environmental Monitoring and Assessment	26	1.3	Ibrahim, S., El-Liethy, M.A., Elwakeel, K.Z. and 3 more (...) (2020).Role of identified bacterial consortium in treatment of Quhafa Wastewater Treatment Plant influent in Fayuom, Egypt. Environmental Monitoring and Assessment,192(3)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078942646&origin=resultslist	10.1007/s10661-020-8105-9	2-s2.0-85078942646
Performance assessment of sub-daily and daily precipitation estimates derived from GPM and GSMaP products over an arid environment	Shawky, M.| Moussa, A.| Hassan, Q.K.| El-Sheimy, N.	2019	Remote Sensing	24	1.06	Shawky, M., Moussa, A., Hassan, Q.K. and 1 more (...) (2019).Performance assessment of sub-daily and daily precipitation estimates derived from GPM and GSMaP products over an arid environment. Remote Sensing,11(23)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076567043&origin=resultslist	10.3390/rs11232840	2-s2.0-85076567043
Water Desalination Using Solar Thermal Collectors Enhanced by Nanofluids	Zakaria, M.| Sharaky, A.M.| Al-Sherbini, A.-S.| Bassyouni, M.| Rezakazemi, M.| Elhenawy, Y.	2022	Chemical Engineering and Technology	24	2.14	Zakaria, M., Sharaky, A.M., Al-Sherbini, A.-S. and 3 more (...) (2022).Water Desalination Using Solar Thermal Collectors Enhanced by Nanofluids. Chemical Engineering and Technology,45(1) 15-25	https://www.scopus.com/record/display.uri?eid=2-s2.0-85119113578&origin=resultslist	10.1002/ceat.202100339	2-s2.0-85119113578
Comprehensive environmental assessment of heavy metal contamination of surface water, sediments and Nile Tilapia in Lake Nasser, Egypt	Rizk, R.| Juzsakova, T.| Ben Ali, M.| Rawash, M.A.| Domokos, E.| Hedfi, A.| Almalki, M.| Boufahja, F.| Shafik, H.M.| Rédey, Á.	2022	Journal of King Saud University - Science	23	2.21	Rizk, R., Juzsakova, T., Ben Ali, M. and 7 more (...) (2022).Comprehensive environmental assessment of heavy metal contamination of surface water, sediments and Nile Tilapia in Lake Nasser, Egypt. Journal of King Saud University - Science,34(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85121100293&origin=resultslist	10.1016/j.jksus.2021.101748	2-s2.0-85121100293
Advanced oxidation of acid yellow 11 dye; detoxification and degradation mechanism	Hassaan, M.A.| El Nemr, A.| Madkour, F.F.| Idris, A.M.| Said, T.O.| Sahlabji, T.| Alghamdi, M.M.| El-Zahhar, A.A.	2021	Toxin Reviews	23	1.85	Hassaan, M.A., El Nemr, A., Madkour, F.F. and 5 more (...) (2021).Advanced oxidation of acid yellow 11 dye; detoxification and degradation mechanism. Toxin Reviews,40(4) 1472-1480	https://www.scopus.com/record/display.uri?eid=2-s2.0-85081366993&origin=resultslist	10.1080/15569543.2020.1736098	2-s2.0-85081366993

Soil ciliates of the Indian Delhi Region: Their community characteristics with emphasis on their ecological implications as sensitive bio-indicators for soil quality	Abraham, J.S.| Sripoorna, S.| Dagar, J.| Jangra, S.| Kumar, A.| Yadav, K.| Singh, S.| Goyal, A.| Maurya, S.| Gambhir, G.| Toteja, R.| Gupta, R.| Singh, D.K.| El-Serehy, H.A.| Al-Misned, F.A.| Al-Farraj, S.A.| Al-Rasheid, K.A.| Maodaa, S.A.| Makhija, S.	2019	Saudi Journal of Biological Sciences	23	1.47	Abraham, J.S., Sripoorna, S., Dagar, J. and 16 more (...) (2019).Soil ciliates of the Indian Delhi Region: Their community characteristics with emphasis on their ecological implications as sensitive bio-indicators for soil quality. Saudi Journal of Biological Sciences,26(6) 1305-1313	https://www.scopus.com/record/display.uri?eid=2-s2.0-85064506292&origin=resultslist	10.1016/j.sjbs.2019.04.013	2-s2.0-85064506292
Numerical hydrodynamics-based design of an offshore platform to support a desalination plant and a wind turbine in Egypt	Amin, I.| Ali, M.E.A.| Bayoumi, S.| Balah, A.| Oterkus, S.| Shawky, H.| Oterkus, E.	2021	Ocean Engineering	22	1.64	Amin, I., Ali, M.E.A., Bayoumi, S. and 4 more (...) (2021).Numerical hydrodynamics-based design of an offshore platform to support a desalination plant and a wind turbine in Egypt. Ocean Engineering,229	https://www.scopus.com/record/display.uri?eid=2-s2.0-85104281636&origin=resultslist	10.1016/j.oceaneng.2021.108598	2-s2.0-85104281636
Photocatalytic performance of novel zinc ferrite/copper sulfide composites for the degradation of Rhodamine B dye from wastewater using visible spectrum	Shakil, M.| Inayat, U.| Ashraf, M.| Tanveer, M.| Gillani, S.S.A.| Dahshan, A.	2023	Optik	22	4.89	Shakil, M., Inayat, U., Ashraf, M. and 3 more (...) (2023).Photocatalytic performance of novel zinc ferrite/copper sulfide composites for the degradation of Rhodamine B dye from wastewater using visible spectrum. Optik,272	https://www.scopus.com/record/display.uri?eid=2-s2.0-85144609874&origin=resultslist	10.1016/j.ijleo.2022.170353	2-s2.0-85144609874
Modeling of fertilizer transport for various fertigation scenarios under drip irrigation	Elasbah, R.| Selim, T.| Mirdan, A.| Berndtsson, R.	2019	Water (Switzerland)	21	1.23	Elasbah, R., Selim, T., Mirdan, A. and 1 more (...) (2019).Modeling of fertilizer transport for various fertigation scenarios under drip irrigation. Water (Switzerland),11(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85066339033&origin=resultslist	10.3390/w11050893	2-s2.0-85066339033
Evaluation of root water uptake and urea fertigation distribution under subsurface drip irrigation	Eltarabily, M.G.| Bali, K.M.| Negm, A.M.| Yoshimura, C.	2019	Water (Switzerland)	21	1.23	Eltarabily, M.G., Bali, K.M., Negm, A.M. and 1 more (...) (2019).Evaluation of root water uptake and urea fertigation distribution under subsurface drip irrigation. Water (Switzerland),11(7)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85073893878&origin=resultslist	10.3390/w11071487	2-s2.0-85073893878

Effect of the magnetic core in alginate/gum composite on adsorption of divalent copper, cadmium, and lead ions in the aqueous system	Elwakeel, K.Z.| Ahmed, M.M.| Akhdhar, A.| Alghamdi, H.M.| Sulaiman, M.G.M.| Hamza, M.F.| Khan, Z.A.	2023	International Journal of Biological Macromolecules	20	4.14	Elwakeel, K.Z., Ahmed, M.M., Akhdhar, A. and 4 more (...) (2023).Effect of the magnetic core in alginate/gum composite on adsorption of divalent copper, cadmium, and lead ions in the aqueous system. International Journal of Biological Macromolecules,253	https://www.scopus.com/record/display.uri?eid=2-s2.0-85172195013&origin=resultslist	10.1016/j.ijbiomac.2023.126884	2-s2.0-85172195013
A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook	Maged, A.| El-Fattah, H.A.| Kamel, R.M.| Kharbish, S.| Elgarahy, A.M.	2023	Environmental Monitoring and Assessment	20	3.57	Maged, A., El-Fattah, H.A., Kamel, R.M. and 2 more (...) (2023).A comprehensive review on sustainable clay-based geopolymers for wastewater treatment: circular economy and future outlook. Environmental Monitoring and Assessment,195(6)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85159769957&origin=resultslist	10.1007/s10661-023-11303-9	2-s2.0-85159769957
Modelling the impact of lining and covering irrigation canals on underlying groundwater stores in the Nile Delta, Egypt	Abd-Elaty, I.| Pugliese, L.| Bali, K.M.| Grismer, M.E.| Eltarabily, M.G.	2022	Hydrological Processes	19	2.66	Abd-Elaty, I., Pugliese, L., Bali, K.M. and 2 more (...) (2022).Modelling the impact of lining and covering irrigation canals on underlying groundwater stores in the Nile Delta, Egypt. Hydrological Processes,36(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85123711145&origin=resultslist	10.1002/hyp.14466	2-s2.0-85123711145
Assessing the potential and limitations of membrane-based technologies for the treatment of oilfield produced water	Mansi, A.E.| El-Marsafy, S.M.| Elhenawy, Y.| Bassyouni, M.	2023	Alexandria Engineering Journal	19	1.55	Mansi, A.E., El-Marsafy, S.M., Elhenawy, Y. and 1 more (...) (2023).Assessing the potential and limitations of membrane-based technologies for the treatment of oilfield produced water. Alexandria Engineering Journal,68787-815	https://www.scopus.com/record/display.uri?eid=2-s2.0-85147040618&origin=resultslist	10.1016/j.aej.2022.12.013	2-s2.0-85147040618
Theoretical investigation of vapor transport mechanism using tubular membrane distillation module	Alhathal Alanezi, A.| Bassyouni, M.| Abdel-Hamid, S.M.S.| Ahmed, H.S.| Abdel-Aziz, M.H.| Zoromba, M.S.| Elhenawy, Y.	2021	Membranes	19	1.2	Alhathal Alanezi, A., Bassyouni, M., Abdel-Hamid, S.M.S. and 4 more (...) (2021).Theoretical investigation of vapor transport mechanism using tubular membrane distillation module. Membranes,11(8)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111731753&origin=resultslist	10.3390/membranes11080560	2-s2.0-85111731753

Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials	Selim, T.| Eltarabily, M.G.	2022	Ain Shams Engineering Journal	18	2.52	Selim, T., Eltarabily, M.G. (2022).Impact of COVID-19 lockdown on small-scale farming in Northeastern Nile Delta of Egypt and learned lessons for water conservation potentials. Ain Shams Engineering Journal,13(4)	https://www.scopus.com/record/display.url?eid=2-s2.0-85120801785&origin=resultslist	10.1016/j.asej.2021.11.018	2-s2.0-85120801785
Synergistic mechanisms for the superior sorptive removal of aquatic pollutants via functionalized biochar-clay composite	Maged, A.| Elgarahy, A.M.| Hlawitschka, M.W.| Haneklaus, N.H.| Gupta, A.K.| Bhatnagar, A.	2023	Bioresource Technology	18	2.83	Maged, A., Elgarahy, A.M., Hlawitschka, M.W. and 3 more (...) (2023).Synergistic mechanisms for the superior sorptive removal of aquatic pollutants via functionalized biochar-clay composite. Bioresource Technology,387	https://www.scopus.com/record/display.url?eid=2-s2.0-85167804859&origin=resultslist	10.1016/j.biortech.2023.129593	2-s2.0-85167804859
Photocatalytic degradation of remazol red b and rhodamine b dyes using tio2 nanomaterial: Estimation of the effective operating parameters	El-Dossoki, F.I.| Atwee, T.M.| Hamada, A.M.| El-Bindary, A.A.	2021	Desalination and Water Treatment	18	1.45	El-Dossoki, F.I., Atwee, T.M., Hamada, A.M. and 1 more (...) (2021).Photocatalytic degradation of remazol red b and rhodamine b dyes using tio2 nanomaterial: Estimation of the effective operating parameters. Desalination and Water Treatment,233319-330	https://www.scopus.com/record/display.url?eid=2-s2.0-85116965488&origin=resultslist	10.5004/dwt.2021.27519	2-s2.0-85116965488
Groundwater management of quaternary aquifer of the Nile Valley under different recharge and discharge scenarios: A case study Assiut governorate, Egypt	El-Rawy, M.| Makhloof, A.A.| Hashem, M.D.| Eltarabily, M.G.	2021	Ain Shams Engineering Journal	17	1.65	El-Rawy, M., Makhloof, A.A., Hashem, M.D. and 1 more (...) (2021).Groundwater management of quaternary aquifer of the Nile Valley under different recharge and discharge scenarios: A case study Assiut governorate, Egypt. Ain Shams Engineering Journal,12(3) 2563-2574	https://www.scopus.com/record/display.url?eid=2-s2.0-85103735796&origin=resultslist	10.1016/j.asej.2021.02.023	2-s2.0-85103735796
Removal of direct dyes from wastewater using chitosan and polyacrylamide blends	Elzahar, M.M.H.| Bassyouni, M.	2023	Scientific Reports	17	3.58	Elzahar, M.M.H., Bassyouni, M. (2023).Removal of direct dyes from wastewater using chitosan and polyacrylamide blends. Scientific Reports,13(1)	https://www.scopus.com/record/display.url?eid=2-s2.0-85171860967&origin=resultslist	10.1038/s41598-023-42960-y	2-s2.0-85171860967

Utilization of chemically modified coal fly ash as cost-effective adsorbent for removal of hazardous organic wastes	Eteba, A.| Bassyouni, M.| Saleh, M.	2023	International Journal of Environmental Science and Technology	17	3.59	Eteba, A., Bassyouni, M., Saleh, M. (2023).Utilization of chemically modified coal fly ash as cost-effective adsorbent for removal of hazardous organic wastes. International Journal of Environmental Science and Technology,20(7) 7589-7602	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136852051&origin=resultslist	10.1007/s13762-022-04457-5	2-s2.0-85136852051
Extraction of Nanocellulose for Eco-Friendly Biocomposite Adsorbent for Wastewater Treatment	Bassyouni, M.| Zoromba, M.Sh.| Abdel-Aziz, M.H.| Mosly, I.	2022	Polymers	17	1.67	Bassyouni, M., Zoromba, M.Sh., Abdel-Aziz, M.H. and 1 more (...) (2022).Extraction of Nanocellulose for Eco-Friendly Biocomposite Adsorbent for Wastewater Treatment. Polymers,14(9)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85129799576&origin=resultslist	10.3390/polym14091852	2-s2.0-85129799576
Effect of deficit irrigation on nitrogen uptake of sunflower in the low desert region of California	Eltarabily, M.G.| Burke, J.M.| Bali, K.M.	2019	Water (Switzerland)	15	0.85	Eltarabily, M.G., Burke, J.M., Bali, K.M. (2019).Effect of deficit irrigation on nitrogen uptake of sunflower in the low desert region of California. Water (Switzerland),11(11)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075545817&origin=resultslist	10.3390/w11112340	2-s2.0-85075545817
Anionic Dye Removal Using a Date Palm Seed-Derived Activated Carbon/Chitosan Polymer Microbead Biocomposite	Sait, H.H.| Hussain, A.| Bassyouni, M.| Ali, I.| Kanthasamy, R.| Ayodele, B.V.| Elhenawy, Y.	2022	Polymers	15	1.47	Sait, H.H., Hussain, A., Bassyouni, M. and 4 more (...) (2022).Anionic Dye Removal Using a Date Palm Seed-Derived Activated Carbon/Chitosan Polymer Microbead Biocomposite. Polymers,14(12)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85134414980&origin=resultslist	10.3390/polym14122503	2-s2.0-85134414980
Experimental study of simultaneous effect of evacuated tube collectors coupled with parabolic reflectors on traditional single slope solar still efficiency	Farghaly, M.B.| Alahmadi, R.N.| Sarhan, H.H.| Abdelghany, E.S.	2023	Case Studies in Thermal Engineering	14	3.25	Farghaly, M.B., Alahmadi, R.N., Sarhan, H.H. and 1 more (...) (2023).Experimental study of simultaneous effect of evacuated tube collectors coupled with parabolic reflectors on traditional single slope solar still efficiency. Case Studies in Thermal Engineering,49	https://www.scopus.com/record/display.uri?eid=2-s2.0-85165228243&origin=resultslist	10.1016/j.csite.2023.103304	2-s2.0-85165228243

Coastal Lakes as Hot Spots for Plant Diversity in Egypt	Shaltout, K.| El-Bana, M.| Galal, T.	2019	Handbook of Environmental Chemistry	14	2.36	Shaltout, K., El-Bana, M., Galal, T. (2019).Coastal Lakes as Hot Spots for Plant Diversity in Egypt. Handbook of Environmental Chemistry,72129-146	https://www.scopus.com/record/display.uri?eid=2-s2.0-85055669800&origin=resultslist	10.1007/698_2017_80	2-s2.0-85055669800
Experimental investigation on the motion response of a novel floating desalination plant for Egypt	Amin, I.| Dai, S.| Oterkus, S.| Day, S.| Oterkus, E.	2020	Ocean Engineering	14	0.92	Amin, I., Dai, S., Oterkus, S. and 2 more (...) (2020).Experimental investigation on the motion response of a novel floating desalination plant for Egypt. Ocean Engineering,210	https://www.scopus.com/record/display.uri?eid=2-s2.0-85085741626&origin=resultslist	10.1016/j.oceaneng.2020.107535	2-s2.0-85085741626
Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass	Salama, A.M.| Helmy, E.A.| Abd El-ghany, T.M.| Ganash, M.	2021	Waste and Biomass Valorization	13	0.59	Salama, A.M., Helmy, E.A., Abd El-ghany, T.M. and 1 more (...) (2021).Nickel Oxide Nanoparticles Application for Enhancing Biogas Production Using Certain Wastewater Bacteria and Aquatic Macrophytes Biomass. Waste and Biomass Valorization,12(4) 2059-2070	https://www.scopus.com/record/display.uri?eid=2-s2.0-85087572009&origin=resultslist	10.1007/s12649-020-01144-9	2-s2.0-85087572009
Experimental investigation of two novel arrangements of air gap membrane distillation module with heat recovery	Elhenawy, Y.| Moustafa, G.H.| Abdel-Hamid, S.M.S.| Bassyouni, M.| Elsakka, M.M.	2022	Energy Reports	13	1.04	Elhenawy, Y., Moustafa, G.H., Abdel-Hamid, S.M.S. and 2 more (...) (2022).Experimental investigation of two novel arrangements of air gap membrane distillation module with heat recovery. Energy Reports,88563-8573	https://www.scopus.com/record/display.uri?eid=2-s2.0-85133266172&origin=resultslist	10.1016/j.egyr.2022.06.068	2-s2.0-85133266172
GIS-based evaluation and statistical determination of groundwater geochemistry for potential irrigation use in El Moghra, Egypt	Eltarabily, M.G.| Moghazy, H.E.M.	2021	Environmental Monitoring and Assessment	13	0.79	Eltarabily, M.G., Moghazy, H.E.M. (2021).GIS-based evaluation and statistical determination of groundwater geochemistry for potential irrigation use in El Moghra, Egypt. Environmental Monitoring and Assessment,193(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105058851&origin=resultslist	10.1007/s10661-021-09058-2	2-s2.0-85105058851

In situ fabrication of green CoFe2O4 loaded on g-C3N4 nanosheets for Cu (II) decontamination	Elamin, N.Y.| Abd El-Fattah, W.| Modwi, A.	2023	Inorganic Chemistry Communications	13	3.07	Elamin, N.Y., Abd El-Fattah, W., Modwi, A. (2023).In situ fabrication of green CoFe2O4 loaded on g-C3N4 nanosheets for Cu (II) decontamination. Inorganic Chemistry Communications,156	https://www.scopus.com/record/display.url?eid=2-s2.0-85167838306&origin=resultslist	10.1016/j.inoche.2023.111184	2-s2.0-85167838306
COVID-19 from mysterious enemy to an environmental detection process: a critical review	El-Baz, L.M.F.| Elwakeel, K.Z.| Elgarahy, A.M.	2020	Innovative Infrastructure Solutions	12	0.34	El-Baz, L.M.F., Elwakeel, K.Z., Elgarahy, A.M. (2020).COVID-19 from mysterious enemy to an environmental detection process: a critical review. Innovative Infrastructure Solutions,5(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85087869182&origin=resultslist	10.1007/s41062-020-00334-7	2-s2.0-85087869182
Experimental and numerical simulation of solar membrane distillation and humidification – dehumidification water desalination system	Elhenawy, Y.| Bassyouni, M.| Fouad, K.| Sandid, A.M.| Abu-Zeid, M.A.E.-R.| Majozi, T.	2023	Renewable Energy	12	1.53	Elhenawy, Y., Bassyouni, M., Fouad, K. and 3 more (...) (2023).Experimental and numerical simulation of solar membrane distillation and humidification – dehumidification water desalination system. Renewable Energy,215	https://www.scopus.com/record/display.url?eid=2-s2.0-85162152883&origin=resultslist	10.1016/j.renene.2023.118915	2-s2.0-85162152883
An innovative unit for water desalination based on humidification dehumidification technique	El-Ashtoukhy, E.-S.Z.| Abdel-Aziz, M.H.| Farag, H.A.| El Azab, I.H.| Sh. Zoromba, M.| Naim, M.M.	2022	Alexandria Engineering Journal	12	1.68	El-Ashtoukhy, E.-S.Z., Abdel-Aziz, M.H., Farag, H.A. and 3 more (...) (2022).An innovative unit for water desalination based on humidification dehumidification technique. Alexandria Engineering Journal,61(11) 8729-8742	https://www.scopus.com/record/display.url?eid=2-s2.0-85124811917&origin=resultslist	10.1016/j.aej.2022.02.017	2-s2.0-85124811917
Response surface methodological optimization of batch Cu(II) sorption onto succinic acid functionalized SiO2 nanoparticles	Yakout, A.A.| Shaker, M.A.| Elwakeel, K.Z.| Alshitari, W.	2019	Canadian Journal of Chemistry	11	0.54	Yakout, A.A., Shaker, M.A., Elwakeel, K.Z. and 1 more (...) (2019).Response surface methodological optimization of batch Cu(II) sorption onto succinic acid functionalized SiO2 nanoparticles. Canadian Journal of Chemistry,97(4) 1-10	https://www.scopus.com/record/display.url?eid=2-s2.0-85076090468&origin=resultslist	10.1139/cjc-2018-0086	2-s2.0-85076090468

Modeling surface water and groundwater interactions for seepage losses estimation from unlined and lined canals	Eltarabily, M.G.| Elshaarawy, M.K.| Elkiki, M.| Selim, T.	2023	Water Science	11	2.77	Eltarabily, M.G., Elshaarawy, M.K., Elkiki, M. and 1 more (...) (2023).Modeling surface water and groundwater interactions for seepage losses estimation from unlined and lined canals. Water Science,37(1) 315-328	https://www.scopus.com/record/display.uri?eid=2-s2.0-85169314559&origin=resultslist	10.1080/23570008.2023.2248734	2-s2.0-85169314559
Response Surface Method Based Modeling and Optimization of CMC-g Terpolymer Interpenetrating Network/Bentonite Superabsorbent Composite for Enhancing Water Retention	Elsaeed, S.M.| Zaki, E.G.| Abdelhafes, A.| Al-Hussaini, A.S.	2022	ACS Omega	11	1	Elsaeed, S.M., Zaki, E.G., Abdelhafes, A. and 1 more (...) (2022).Response Surface Method Based Modeling and Optimization of CMC-g Terpolymer Interpenetrating Network/Bentonite Superabsorbent Composite for Enhancing Water Retention. ACS Omega,7(10) 8219-8228	https://www.scopus.com/record/display.uri?eid=2-s2.0-85126735792&origin=resultslist	10.1021/acsomega.1c03194	2-s2.0-85126735792
Influences of greenly synthesized iron oxide nanoparticles on the bioremediation of dairy effluent using selected microbial isolates	Salama, A.M.| Abedin, R.M.A.| Elwakeel, K.Z.	2022	International Journal of Environmental Science and Technology	10	1.11	Salama, A.M., Abedin, R.M.A., Elwakeel, K.Z. (2022).Influences of greenly synthesized iron oxide nanoparticles on the bioremediation of dairy effluent using selected microbial isolates. International Journal of Environmental Science and Technology,19(8) 7019-7030	https://www.scopus.com/record/display.uri?eid=2-s2.0-85114432697&origin=resultslist	10.1007/s13762-021-03625-3	2-s2.0-85114432697
Assessing environmental and radiological impacts and lithological mapping of beryl-bearing rocks in Egypt using high-resolution sentinel-2 remote sensing images	Khaleal, F.M.| El-Bialy, M.Z.| Saleh, G.M.| Lasheen, E.S.R.| Kamar, M.S.| Omar, M.M.| El-dawy, M.N.| Abdelaal, A.	2023	Scientific Reports	10	2.1	Khaleal, F.M., El-Bialy, M.Z., Saleh, G.M. and 5 more (...) (2023).Assessing environmental and radiological impacts and lithological mapping of beryl-bearing rocks in Egypt using high-resolution sentinel-2 remote sensing images. Scientific Reports,13(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85165181853&origin=resultslist	10.1038/s41598-023-38298-0	2-s2.0-85165181853

Environmental assessment of physical-chemical features of Lake Nasser, Egypt	Rizk, R.| Juzsakova, T.| Cretescu, I.| Rawash, M.| Sebestyén, V.| Le Phuoc, C.| Kovács, Z.| Domokos, E.| Rédey, Á.| Shafik, H.	2020	Environmental Science and Pollution Research	10	0.3	Rizk, R., Juzsakova, T., Cretescu, I. and 7 more (...) (2020).Environmental assessment of physical-chemical features of Lake Nasser, Egypt. Environmental Science and Pollution Research,27(16) 20136-20148	https://www.scopus.com/record/display.url?eid=2-s2.0-85084649573&origin=resultslist	10.1007/s11356-020-08366-3	2-s2.0-85084649573
Groundwater management for sustainable development plans for the western nile delta	Eltarabily, M.G.A.| Negm, A.M.	2019	Handbook of Environmental Chemistry	10	1.31	Eltarabily, M.G.A., Negm, A.M. (2019).Groundwater management for sustainable development plans for the western nile delta. Handbook of Environmental Chemistry,73709-727	https://www.scopus.com/record/display.url?eid=2-s2.0-85059461554&origin=resultslist	10.1007/698_2018_247	2-s2.0-85059461554
Emerging mercury and methylmercury contamination from new artisanal and small-scale gold mining along the Nile Valley, Egypt	Abdelaal, A.| Sultan, M.| Abotalib, A.Z.| Bedair, M.| Krishnamurthy, R.V.| Elhebiry, M.	2023	Environmental Science and Pollution Research	10	1.58	Abdelaal, A., Sultan, M., Abotalib, A.Z. and 3 more (...) (2023).Emerging mercury and methylmercury contamination from new artisanal and small-scale gold mining along the Nile Valley, Egypt. Environmental Science and Pollution Research,30(18) 52514-52534	https://www.scopus.com/record/display.url?eid=2-s2.0-85148658920&origin=resultslist	10.1007/s11356-023-25895-9	2-s2.0-85148658920
Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment	Kulikova, Y.| Klementev, S.| Sirotkin, A.| Mokrushin, I.| Bassyouni, M.| Elhenawy, Y.| El-Hadek, M.A.| Babich, O.	2023	Water (Switzerland)	10	2.8	Kulikova, Y., Klementev, S., Sirotkin, A. and 5 more (...) (2023).Aqueous Phase from Hydrothermal Liquefaction: Composition and Toxicity Assessment. Water (Switzerland),15(9)	https://www.scopus.com/record/display.url?eid=2-s2.0-85159372607&origin=resultslist	10.3390/w15091681	2-s2.0-85159372607
Impact of deficit irrigation on shallow saline groundwater contribution and sunflower productivity in the imperial Valley, California	Eltarabily, M.G.| Burke, J.M.| Bali, K.M.	2020	Water (Switzerland)	10	0.61	Eltarabily, M.G., Burke, J.M., Bali, K.M. (2020).Impact of deficit irrigation on shallow saline groundwater contribution and sunflower productivity in the imperial Valley, California. Water (Switzerland),12(2)	https://www.scopus.com/record/display.url?eid=2-s2.0-85081369948&origin=resultslist	10.3390/w12020571	2-s2.0-85081369948

Integrated studies to identify site-specific parameters for environmentally benign mining operations: A case study from the Sukari Gold Mine, Egypt	Abdelaal, A.| Sultan, M.| Elhebiry, M.| Krishnamurthy, R.V.| Sturchio, N.	2021	Science of the Total Environment	10	0.47	Abdelaal, A., Sultan, M., Elhebiry, M. and 2 more (...) (2021).Integrated studies to identify site-specific parameters for environmentally benign mining operations: A case study from the Sukari Gold Mine, Egypt. Science of the Total Environment,750	https://www.scopus.com/record/display.uri?eid=2-s2.0-85090828091&origin=resultslist	10.1016/j.scitotenv.2020.141654	2-s2.0-85090828091
Multi-functional core-shell pomegranate peel amended alginate beads for phenol decontamination and bio-hydrogen production: Synthesis, characterization, and kinetics investigation	El-Qelish, M.| Elgarahy, A.M.| Ibrahim, H.S.| El-Kholly, H.K.| Gad, M.| M. Ali, M.E.	2023	Biochemical Engineering Journal	9	1.82	El-Qelish, M., Elgarahy, A.M., Ibrahim, H.S. and 3 more (...) (2023).Multi-functional core-shell pomegranate peel amended alginate beads for phenol decontamination and bio-hydrogen production: Synthesis, characterization, and kinetics investigation. Biochemical Engineering Journal,195	https://www.scopus.com/record/display.uri?eid=2-s2.0-85152100999&origin=resultslist	10.1016/j.bej.2023.108932	2-s2.0-85152100999
Groundwater management for sustainable development east of the nile delta aquifer	Eltarabily, M.G.A.| Negm, A.M.	2019	Handbook of Environmental Chemistry	9	1.31	Eltarabily, M.G.A., Negm, A.M. (2019).Groundwater management for sustainable development east of the nile delta aquifer. Handbook of Environmental Chemistry,73687-708	https://www.scopus.com/record/display.uri?eid=2-s2.0-85059485964&origin=resultslist	10.1007/698_2017_102	2-s2.0-85059485964
Environmental remediation of tilapia aquaculture wastewater using ceratophyllum demersum and lemna minor	Beheary, M.| Sheta, B.M.| Hussein, M.| Nawareg, M.| El-Matary, F.A.| Hyder, A.	2019	Egyptian Journal of Aquatic Biology and Fisheries	9	0.33	Beheary, M., Sheta, B.M., Hussein, M. and 3 more (...) (2019).Environmental remediation of tilapia aquaculture wastewater using ceratophyllum demersum and lemna minor. Egyptian Journal of Aquatic Biology and Fisheries,23(2) 379-396	https://www.scopus.com/record/display.uri?eid=2-s2.0-85088487361&origin=resultslist	10.21608/ejabf.2019.31974	2-s2.0-85088487361
Experimental study on the motion response of an integrated floating desalination plant and offshore wind turbine on a non-ship platform	Amin, I.| Dai, S.| Day, S.| Ali, M.E.A.| Balah, A.| Shawky, H.| Oterkus, S.| Oterkus, E.	2021	Ocean Engineering	8	0.6	Amin, I., Dai, S., Day, S. and 5 more (...) (2021).Experimental study on the motion response of an integrated floating desalination plant and offshore wind turbine on a non-ship platform. Ocean Engineering,234	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108684182&origin=resultslist	10.1016/j.oceaneng.2021.109275	2-s2.0-85108684182

Predicting seepage losses from lined irrigation canals using machine learning models	Eltarabily, M.G.| Abd-Elhamid, H.F.| Zeleňáková, M.| Elshaarawy, M.K.| Elkiki, M.| Selim, T.	2023	Frontiers in Water	8	2.22	Eltarabily, M.G., Abd-Elhamid, H.F., Zeleňáková, M. and 3 more (...) (2023).Predicting seepage losses from lined irrigation canals using machine learning models. Frontiers in Water,5	https://www.scopus.com/record/display.url?eid=2-s2.0-85180643487&origin=resultslist	10.3389/frwa.2023.1287357	2-s2.0-85180643487
Hydrogeophysical and Hydrochemical Assessment of the Northeastern Coastal Aquifer of Egypt for Desalination Suitability	Abdelfattah, M.| Abu-Bakr, H.A.-A.| Mewafy, F.M.| Hassan, T.M.| Geriesh, M.H.| Saber, M.| Gaber, A.	2023	Water (Switzerland)	8	2.24	Abdelfattah, M., Abu-Bakr, H.A.-A., Mewafy, F.M. and 4 more (...) (2023).Hydrogeophysical and Hydrochemical Assessment of the Northeastern Coastal Aquifer of Egypt for Desalination Suitability. Water (Switzerland),15(3)	https://www.scopus.com/record/display.url?eid=2-s2.0-85147793429&origin=resultslist	10.3390/w15030423	2-s2.0-85147793429
Modelling mass transport within the membrane of direct contact membrane distillation modules used for desalination and wastewater treatment: Scrutinising assumptions	Ismail, M.S.| Mohamed, A.M.| Poggio, D.| Walker, M.| Pourkashanian, M.	2022	Journal of Water Process Engineering	8	0.79	Ismail, M.S., Mohamed, A.M., Poggio, D. and 2 more (...) (2022).Modelling mass transport within the membrane of direct contact membrane distillation modules used for desalination and wastewater treatment: Scrutinising assumptions. Journal of Water Process Engineering,45	https://www.scopus.com/record/display.url?eid=2-s2.0-85120491449&origin=resultslist	10.1016/j.jwpe.2021.102460	2-s2.0-85120491449
The use of nanomaterials for the elimination of antibiotic-resistant bacteria from water and wastewater: An African overview	El-Liethy, M.A.| Mahmoud, M.| King Abia, A.L.| Elwakeel, K.Z.	2023	Antimicrobial Research and One Health in Africa	7	16.15	El-Liethy, M.A., Mahmoud, M., King Abia, A.L. and 1 more (...) (2023).The use of nanomaterials for the elimination of antibiotic-resistant bacteria from water and wastewater: An African overview. Antimicrobial Research and One Health in Africa,275-303	https://www.scopus.com/record/display.url?eid=2-s2.0-85160664872&origin=resultslist	10.1007/978-3-031-23796-6_12	2-s2.0-85160664872

Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods	Rizk, R.| Alameraw, M.| Rawash, M.A.| Juzsakova, T.| Domokos, E.| Hedfi, A.| Almalki, M.| Boufahja, F.| Gabriel, P.| Shafik, H.M.| Rédey, Á.	2021	Saudi Journal of Biological Sciences	7	0.9	Rizk, R., Alameraw, M., Rawash, M.A. and 8 more (...) (2021).Does Lake Balaton affected by pollution? Assessment through surface water quality monitoring by using different assessment methods. Saudi Journal of Biological Sciences,28(9) 5250-5260	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110234183&origin=resultslist	10.1016/j.sjbs.2021.05.039	2-s2.0-85110234183
Fracture simulation of viscoelastic membranes by ordinary state-based peridynamics	Ozdemir, M.| Oterkus, S.| Oterkus, E.| Amin, I.| El-Aassar, A.| Shawky, H.	2022	Procedia Structural Integrity	7	8.26	Ozdemir, M., Oterkus, S., Oterkus, E. and 3 more (...) (2022).Fracture simulation of viscoelastic membranes by ordinary state-based peridynamics. Procedia Structural Integrity,41(C) 333-342	https://www.scopus.com/record/display.uri?eid=2-s2.0-85134574014&origin=resultslist	10.1016/j.prostr.2022.05.039	2-s2.0-85134574014
Microwave enhanced sorption of methylene blue dye onto bio-synthesized iron oxide nanoparticles: kinetics, isotherms, and thermodynamics studies	Shalaby, S.M.| Madkour, F.F.| El-Kassas, H.Y.| Mohamed, A.A.| Elgarahy, A.M.	2022	International Journal of Phytoremediation	7	0.7	Shalaby, S.M., Madkour, F.F., El-Kassas, H.Y. and 2 more (...) (2022).Microwave enhanced sorption of methylene blue dye onto bio-synthesized iron oxide nanoparticles: kinetics, isotherms, and thermodynamics studies. International Journal of Phytoremediation,24(9) 902-918	https://www.scopus.com/record/display.uri?eid=2-s2.0-85116472420&origin=resultslist	10.1080/15226514.2021.1984389	2-s2.0-85116472420
Removal of hazardous organic pollutants using fly ash	Eteba, A.| Bassyouni, M.| Saleh, M.	2021	Environment and Ecology Research	7	0.62	Eteba, A., Bassyouni, M., Saleh, M. (2021).Removal of hazardous organic pollutants using fly ash. Environment and Ecology Research,9(4) 196-203	https://www.scopus.com/record/display.uri?eid=2-s2.0-85114496359&origin=resultslist	10.13189/eer.2021.090407	2-s2.0-85114496359
Experimental investigation on a towing assessment for a floating desalination plant for Egypt	Amin, I.| Oterkus, S.| Ali, M.E.A.| Shawky, H.| Oterkus, E.	2021	Ocean Engineering	7	0.52	Amin, I., Oterkus, S., Ali, M.E.A. and 2 more (...) (2021).Experimental investigation on a towing assessment for a floating desalination plant for Egypt. Ocean Engineering,238	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113792470&origin=resultslist	10.1016/j.oceaneng.2021.109746	2-s2.0-85113792470

Proper predictions of the water fate in agricultural lands: Indispensable condition for better crop water requirements estimates	Awad, A.| Wan, L.| El-Rawy, M.| Eltarabily, M.G.	2021	Ain Shams Engineering Journal	6	0.58	Awad, A., Wan, L., El-Rawy, M. and 1 more (...) (2021).Proper predictions of the water fate in agricultural lands: Indispensable condition for better crop water requirements estimates. Ain Shams Engineering Journal,12(3) 2435-2442	https://www.scopus.com/record/display.uri?eid=2-s2.0-85101576214&origin=resultslist	10.1016/j.asej.2021.02.003	2-s2.0-85101576214
Synthesis and application of a novel self-smart sensor based on a modified amino-functionalized Zr-metal–organic framework for rapid and selective detection of some toxic metals in wastewater	El-Bindary, M.A.| Shahat, A.| El-Deen, I.M.| El-Afify, M.A.M.| Hassan, N.	2023	Applied Organometallic Chemistry	6	1.21	El-Bindary, M.A., Shahat, A., El-Deen, I.M. and 2 more (...) (2023).Synthesis and application of a novel self-smart sensor based on a modified amino-functionalized Zr-metal–organic framework for rapid and selective detection of some toxic metals in wastewater. Applied Organometallic Chemistry,37(4)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85147504692&origin=resultslist	10.1002/aoc.7029	2-s2.0-85147504692
Improvement of Selected Morphological, Physiological, and Biochemical Parameters of Banana (Musa acuminata L.) Using Potassium Silicate under Drought Stress Condition Grown in vitro	Aziz, H.A.| Sharaf, M.| Omar, M.| El-Yazied, A.A.| Aljwaizea, N.I.| Ismail, S.| Omar, M.M.A.| Alharbi, K.| Elkelish, A.| Tawfik, M.	2023	Phyton-International Journal of Experimental Botany	6	1.59	Aziz, H.A., Sharaf, M., Omar, M. and 7 more (...) (2023).Improvement of Selected Morphological, Physiological, and Biochemical Parameters of Banana (Musa acuminata L.) Using Potassium Silicate under Drought Stress Condition Grown in vitro. Phyton-International Journal of Experimental Botany,92(4) 1019-1036	https://www.scopus.com/record/display.uri?eid=2-s2.0-85146249647&origin=resultslist	10.32604/phyton.2023.026769	2-s2.0-85146249647
Use of Chitosan for Enhancing the Process of Surface Water Purification in Egypt	Hamdon, R.S.M.A.| Salem, A.| Ahmed, H.G.I.| ElZahar, M.M.H.	2022	International Journal of Environmental Science and Development	6	0.56	Hamdon, R.S.M.A., Salem, A., Ahmed, H.G.I. and 1 more (...) (2022).Use of Chitosan for Enhancing the Process of Surface Water Purification in Egypt. International Journal of Environmental Science and Development,13(2) 26-34	https://www.scopus.com/record/display.uri?eid=2-s2.0-85124986117&origin=resultslist	10.18178/ijesd.2022.13.2.1368	2-s2.0-85124986117

Cellulose microfibrils-embedded sulfonated polyethersulfone for efficient Zn2+ ions removal from aqueous effluents	Mustafa, F.H.A.| Attia, H.A.E.-A.| Yahya, R.| Elshaarawy, R.F.M.| Hassan, N.	2022	Chemical Engineering Research and Design	5	0.46	Mustafa, F.H.A., Attia, H.A.E.-A., Yahya, R. and 2 more (...) (2022).Cellulose microfibrils-embedded sulfonated polyethersulfone for efficient Zn2+ ions removal from aqueous effluents. Chemical Engineering Research and Design,186374-386	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136114670&origin=resultslist	10.1016/j.cherd.2022.08.007	2-s2.0-85136114670
Pentoxifylline as Add-On Treatment to Donepezil in Copper Sulphate-Induced Alzheimer's Disease-Like Neurodegeneration in Rats	Elseweidy, M.M.| Mahrous, M.| Ali, S.I.| Shaheen, M.A.| Younis, N.N.	2023	Neurotoxicity Research	5	1.49	Elseweidy, M.M., Mahrous, M., Ali, S.I. and 2 more (...) (2023).Pentoxifylline as Add-On Treatment to Donepezil in Copper Sulphate-Induced Alzheimer's Disease-Like Neurodegeneration in Rats. Neurotoxicity Research,41(6) 546-558	https://www.scopus.com/record/display.uri?eid=2-s2.0-85173862006&origin=resultslist	10.1007/s12640-023-00672-1	2-s2.0-85173862006
TiO2 NPs-immobilized silica granules: New insight for nano catalyst fixation for hydrogen generation and sustained wastewater treatment	Barakat, N.A.M.| Irfan, O.M.| Mohamed, O.A.	2023	PLoS ONE	5	1.05	Barakat, N.A.M., Irfan, O.M., Mohamed, O.A. (2023).TiO2 NPs-immobilized silica granules: New insight for nano catalyst fixation for hydrogen generation and sustained wastewater treatment. PLoS ONE,18(6)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85163133529&origin=resultslist	10.1371/journal.pone.0287424	2-s2.0-85163133529
Exploring Groundwater Resources and Recharge Potentialities at El-Gallaba Plain, Western Desert, Egypt	Geriesh, M.H.| Mansour, B.M.H.| Gaber, A.| Mamoun, K.	2020	Groundwater	5	0.15	Geriesh, M.H., Mansour, B.M.H., Gaber, A. and 1 more (...) (2020).Exploring Groundwater Resources and Recharge Potentialities at El-Gallaba Plain, Western Desert, Egypt. Groundwater,58(5) 842-855	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075747825&origin=resultslist	10.1111/gwat.12952	2-s2.0-85075747825
Nutrient and salinity management for spinach production under sprinkler irrigation in the low desert region of California	Bali, K.M.| Eltarabily, M.G.| Berndtsson, R.| Selim, T.	2021	Irrigation Science	5	0.45	Bali, K.M., Eltarabily, M.G., Berndtsson, R. and 1 more (...) (2021).Nutrient and salinity management for spinach production under sprinkler irrigation in the low desert region of California. Irrigation Science,39(6) 735-749	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107481685&origin=resultslist	10.1007/s00271-021-00740-4	2-s2.0-85107481685

Environmentally-driven design of a floating desalination platform (Case study: Reverse osmosis floating desalination platform of ras gharib, Egypt)	Bayoumi, S.| Ali, M.E.A.| Amin, I.| El Torky, R.| Oterkus, S.| Shawky, H.| Oterkus, E.	2021	AIMS Energy	5	0.29	Bayoumi, S., Ali, M.E.A., Amin, I. and 4 more (...) (2021).Environmentally-driven design of a floating desalination platform (Case study: Reverse osmosis floating desalination platform of ras gharib, Egypt). AIMS Energy,9(3) 623-650	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108560360&origin=resultslist	10.3934/energy.2021030	2-s2.0-85108560360
The use of HYDRUS-2D to simulate intermittent Agricultural Managed Aquifer Recharge (Ag-MAR) in Alfalfa in the San Joaquin Valley	Bali, K.M.| Mohamed, A.Z.| Begna, S.| Wang, D.| Putnam, D.| Dahlke, H.E.| Eltarabily, M.G.	2023	Agricultural Water Management	5	1.4	Bali, K.M., Mohamed, A.Z., Begna, S. and 4 more (...) (2023).The use of HYDRUS-2D to simulate intermittent Agricultural Managed Aquifer Recharge (Ag-MAR) in Alfalfa in the San Joaquin Valley. Agricultural Water Management,282	https://www.scopus.com/record/display.uri?eid=2-s2.0-85151232305&origin=resultslist	10.1016/j.agwat.2023.108296	2-s2.0-85151232305
Groundwater Quality and Suitability Assessment for Irrigation Using Hydrogeochemical Characteristics and Pollution Indices: A Case Study of North Al-Quwayiyah Governorate, Central Saudi Arabia	Alogayell, H.M.| EL-Bana, E.M.M.| Abdelfattah, M.	2023	Water (Switzerland)	5	1.4	Alogayell, H.M., EL-Bana, E.M.M., Abdelfattah, M. (2023).Groundwater Quality and Suitability Assessment for Irrigation Using Hydrogeochemical Characteristics and Pollution Indices: A Case Study of North Al-Quwayiyah Governorate, Central Saudi Arabia. Water (Switzerland),15(18)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85172919606&origin=resultslist	10.3390/w15183321	2-s2.0-85172919606
Sonochemical degradation of benzothiophene (BT) in deionized water, natural water and sea water	Al-Zaydi, K.M.| Petrier, C.| Mousally, S.M.M.| Arab, S.T.| Refat, M.S.	2019	Molecules	5	0.25	Al-Zaydi, K.M., Petrier, C., Mousally, S.M.M. and 2 more (...) (2019).Sonochemical degradation of benzothiophene (BT) in deionized water, natural water and sea water. Molecules,24(2)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85059901217&origin=resultslist	10.3390/molecules24020257	2-s2.0-85059901217

Compressive strength of geopolymeric cubes produced from solid wastes of alum industry and drinking water treatment plants	Abdelmawla, M.| Abdelaal, A.| Beheary, M.S.| Abdullah, N.A.| Razek, T.M.A.	2019	Egyptian Journal of Chemistry	4	0.25	Abdelmawla, M., Abdelaal, A., Beheary, M.S. and 2 more (...) (2019).Compressive strength of geopolymeric cubes produced from solid wastes of alum industry and drinking water treatment plants. Egyptian Journal of Chemistry,62(12) 2331-2340	https://www.scopus.com/record/display.uri?eid=2-s2.0-85077646146&origin=resultslist	10.21608/EJCHEM.2019.12745.1790	2-s2.0-85077646146
Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus	Ismaeil, E.M.H.| Sobaih, A.E.E.	2022	Water (Switzerland)	4	0.57	Ismaeil, E.M.H., Sobaih, A.E.E. (2022).Assessing Xeriscaping as a Retrofit Sustainable Water Consumption Approach for a Desert University Campus. Water (Switzerland),14(11)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85131559735&origin=resultslist	10.3390/w14111681	2-s2.0-85131559735
A novel renewable energy powered zero liquid discharge scheme for RO desalination applications	Gadalla, M.A.| Abdel Fatah, A.| Elazab, H.A.	2023	Case Studies in Chemical and Environmental Engineering	4	0.8	Gadalla, M.A., Abdel Fatah, A., Elazab, H.A. (2023).A novel renewable energy powered zero liquid discharge scheme for RO desalination applications. Case Studies in Chemical and Environmental Engineering,8	https://www.scopus.com/record/display.uri?eid=2-s2.0-85164359844&origin=resultslist	10.1016/j.cscee.2023.100407	2-s2.0-85164359844
Reuse of Agriculture Drainage Water – Case Studies: Central Valley of California and the Nile Delta in Egypt	Eltarabily, M.G.	2023	Handbook of Environmental Chemistry	4	4.17	Eltarabily, M.G. (2023).Reuse of Agriculture Drainage Water – Case Studies: Central Valley of California and the Nile Delta in Egypt. Handbook of Environmental Chemistry,117325-344	https://www.scopus.com/record/display.uri?eid=2-s2.0-85145836720&origin=resultslist	10.1007/698_2022_863	2-s2.0-85145836720
Exergy analysis and performance study for sour water stripper units, amine regenerator units and a Sulphur recovery unit of a refining plant	Ibrahim, A.Y.| Ashour, F.H.| Gadalla, M.A.	2021	Journal of Engineering and Applied Science	4	0.39	Ibrahim, A.Y., Ashour, F.H., Gadalla, M.A. (2021).Exergy analysis and performance study for sour water stripper units, amine regenerator units and a Sulphur recovery unit of a refining plant. Journal of Engineering and Applied Science,68(1)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113302420&origin=resultslist	10.1186/s44147-021-00006-y	2-s2.0-85113302420

Sensitive ratiometric sensor for Al(III) detection in water samples using luminescence or eye-vision	Khairy, G.M.| Amin, A.S.| Moalla, S.M.N.| Medhat, A.| Hassan, N.	2023	Analytical Sciences	4	0.66	Khairy, G.M., Amin, A.S., Moalla, S.M.N. and 2 more (...) (2023).Sensitive ratiometric sensor for Al(III) detection in water samples using luminescence or eye-vision. Analytical Sciences,39(8) 1307-1316	https://www.scopus.com/record/display.url?eid=2-s2.0-85153045987&origin=resultslist	10.1007/s44211-023-00340-6	2-s2.0-85153045987
Comparative analysis of root growth modules in HYDRUS for SWC of rice under deficit drip irrigation	Eltarabily, M.G.| Berndtsson, R.| Abdou, N.M.| El-Rawy, M.| Selim, T.	2021	Water (Switzerland)	4	0.37	Eltarabily, M.G., Berndtsson, R., Abdou, N.M. and 2 more (...) (2021).Comparative analysis of root growth modules in HYDRUS for SWC of rice under deficit drip irrigation. Water (Switzerland),13(14)	https://www.scopus.com/record/display.url?eid=2-s2.0-85111154665&origin=resultslist	10.3390/w13141892	2-s2.0-85111154665
Groundwater quality assessment along the West of New Damietta Coastal City of Egypt using an integrated geophysical and hydrochemical approaches	Gamal, G.| Hassan, T.M.| Gaber, A.| Abdelfattah, M.	2023	Environmental Earth Sciences	4	0.96	Gamal, G., Hassan, T.M., Gaber, A. and 1 more (...) (2023).Groundwater quality assessment along the West of New Damietta Coastal City of Egypt using an integrated geophysical and hydrochemical approaches. Environmental Earth Sciences,82(4)	https://www.scopus.com/record/display.url?eid=2-s2.0-85150678913&origin=resultslist	10.1007/s12665-023-10762-0	2-s2.0-85150678913
Forecasting Methods in Various Applications Using Algorithm of Estimation Regression Models and Converting Data Sets into Markov Model	El Genidy, M.M.| Beheary, M.S.	2022	Complexity	4	0.45	El Genidy, M.M., Beheary, M.S. (2022).Forecasting Methods in Various Applications Using Algorithm of Estimation Regression Models and Converting Data Sets into Markov Model. Complexity,2022	https://www.scopus.com/record/display.url?eid=2-s2.0-85124276566&origin=resultslist	10.1155/2022/2631939	2-s2.0-85124276566
Mapping the impacts of the anthropogenic activities and seawater intrusion on the shallow coastal aquifer of Port Said, Egypt	Abdelfattah, M.| Abdel-Aziz Abu-Bakr, H.| Aretouyap, Z.| Sheta, M.H.| Hassan, T.M.| Geriesh, M.H.| Shaheen, S.E.-D.| Alogayell, H.M.| M. EL-Bana, E.M.| Gaber, A.	2023	Frontiers in Earth Science	3	0.8	Abdelfattah, M., Abdel-Aziz Abu-Bakr, H., Aretouyap, Z. and 7 more (...) (2023).Mapping the impacts of the anthropogenic activities and seawater intrusion on the shallow coastal aquifer of Port Said, Egypt. Frontiers in Earth Science,11	https://www.scopus.com/record/display.url?eid=2-s2.0-85163706337&origin=resultslist	10.3389/feart.2023.1204742	2-s2.0-85163706337

Impacts of Constructing the Grand Ethiopian Renaissance Dam on the Nile River	Elsanabary, M.H.| Ahmed, A.T.	2019	Handbook of Environmental Chemistry	3	0.53	Elsanabary, M.H., Ahmed, A.T. (2019).Impacts of Constructing the Grand Ethiopian Renaissance Dam on the Nile River. Handbook of Environmental Chemistry,7975-93	https://www.scopus.com/record/display.uri?eid=2-s2.0-85055656099&origin=resultslist	10.1007/698_2017_228	2-s2.0-85055656099
Studying the tidal-induced water circulation pattern within EL-Burullus fishing harbor, Egypt, using CMS-PTM numerical modeling	Sharaan, M.| Lebleb, A.A.| ElZahar, M.M.H.| Iskander, M.	2022	Marine Environmental Research	3	0.46	Sharaan, M., Lebleb, A.A., ElZahar, M.M.H. and 1 more (...) (2022).Studying the tidal-induced water circulation pattern within EL-Burullus fishing harbor, Egypt, using CMS-PTM numerical modeling. Marine Environmental Research,180	https://www.scopus.com/record/display.uri?eid=2-s2.0-85135874263&origin=resultslist	10.1016/j.marenvres.2022.105726	2-s2.0-85135874263
AN APPROXIMATION OF USING VERTICAL-AXIS TIDAL TURBINE FOR WATER DESALINATION IN THE SUEZ CANAL WATERWAY	Gharib-Yosry, A.| Valdes, R.E.| Blanco-Marigorta, E.| Alvarez-Alvarez, E.	2022	Proceedings of ASME 2022 16th International Conference on Energy Sustainability, ES 2022	3	2.07	Gharib-Yosry, A., Valdes, R.E., Blanco-Marigorta, E. and 1 more (...) (2022).AN APPROXIMATION OF USING VERTICAL-AXIS TIDAL TURBINE FOR WATER DESALINATION IN THE SUEZ CANAL WATERWAY. Proceedings of ASME 2022 16th International Conference on Energy Sustainability, ES 2022,	https://www.scopus.com/record/display.uri?eid=2-s2.0-85140788437&origin=resultslist	10.1115/ES2022-85533	2-s2.0-85140788437
Proposing the optimum withdrawing scenarios to provide the western coastal area of port said, Egypt, with sufficient groundwater with less salinity	Abdelfattah, M.| Abu-Bakr, H.A.-A.| Gaber, A.| Geriesh, M.H.| Elnaggar, A.Y.| El Nahhas, N.| Hassan, T.M.	2021	Water (Switzerland)	3	0.28	Abdelfattah, M., Abu-Bakr, H.A.-A., Gaber, A. and 4 more (...) (2021).Proposing the optimum withdrawing scenarios to provide the western coastal area of port said, Egypt, with sufficient groundwater with less salinity. Water (Switzerland),13(23)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85120159552&origin=resultslist	10.3390/w13233359	2-s2.0-85120159552

Correlation between Polyaromatic Hydrocarbons (PAHs) Discharges at El-Manzala Wetland with the Relative Gene Expression of CYP19 Gene of the Nile Tilapia (Oreochromis. niloticus)	El-Kady, M.A.H.| Mansour, H.A.A.| Abu Almaaty, A.H.	2022	Egyptian Journal of Aquatic Biology and Fisheries	3	0.55	El-Kady, M.A.H., Mansour, H.A.A., Abu Almaaty, A.H. (2022).Correlation between Polyaromatic Hydrocarbons (PAHs) Discharges at El-Manzala Wetland with the Relative Gene Expression of CYP19 Gene of the Nile Tilapia (Oreochromis. niloticus). Egyptian Journal of Aquatic Biology and Fisheries,26(4) 395-407	https://www.scopus.com/record/display.uri?eid=2-s2.0-85134760503&origin=resultslist	10.21608/ejabf.2022.250854	2-s2.0-85134760503
Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt	Sheta, M.H.| El Kafrawy, S.B.| Salama, A.M.| Beheary, M.S.| Zaghloul, E.-S.A.	2023	Modeling Earth Systems and Environment	2	0.65	Sheta, M.H., El Kafrawy, S.B., Salama, A.M. and 2 more (...) (2023).Spatiotemporal modelling for assessing the impacts of land use/land cover on Idku lake, Egypt. Modeling Earth Systems and Environment,9(2) 1923-1936	https://www.scopus.com/record/display.uri?eid=2-s2.0-85142293099&origin=resultslist	10.1007/s40808-022-01599-w	2-s2.0-85142293099
Evaluation of Different Irrigation Treatments with Saline Water in a Future Climate in Tunisia	Selim, T.| Karlsson, L.| Bouksila, F.| Ben Slimane, A.| Persson, M.	2019	Irrigation and Drainage	2	0.1	Selim, T., Karlsson, L., Bouksila, F. and 2 more (...) (2019).Evaluation of Different Irrigation Treatments with Saline Water in a Future Climate in Tunisia. Irrigation and Drainage,68(2) 281-296	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056864759&origin=resultslist	10.1002/ird.2307	2-s2.0-85056864759
Influence of cerium oxide nanoparticles on dairy effluent nitrate and phosphate bioremediation	Salama, A.M.| Behaery, M.S.| Elaal, A.E.A.| Abdelaal, A.	2022	Environmental Monitoring and Assessment	2	0.19	Salama, A.M., Behaery, M.S., Elaal, A.E.A. and 1 more (...) (2022).Influence of cerium oxide nanoparticles on dairy effluent nitrate and phosphate bioremediation. Environmental Monitoring and Assessment,194(5)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85127710449&origin=resultslist	10.1007/s10661-022-10003-0	2-s2.0-85127710449
A novel hybrid compact system of photovoltaic solar still air gap membrane distillation for the simultaneous production of water and energy	Alanezi, A.A.| Hakobyan, A.| Hakobyan, A.| Bassyouni, M.	2023	Desalination and Water Treatment	2	0.46	Alanezi, A.A., Hakobyan, A., Hakobyan, A. and 1 more (...) (2023).A novel hybrid compact system of photovoltaic solar still air gap membrane distillation for the simultaneous production of water and energy. Desalination and Water Treatment,2921-9	https://www.scopus.com/record/display.uri?eid=2-s2.0-85162086970&origin=resultslist	10.5004/dwt.2023.29493	2-s2.0-85162086970

Can Potato Crop on Sandy Soil Be Safely Irrigated with Heavy Metal Polluted Water?	Selim, T.| Elkefafy, S.M.| Berndtsson, R.| Elkiki, M.| El-Kharbotly, A.A.	2022	Water (Switzerland)	2	0.29	Selim, T., Elkefafy, S.M., Berndtsson, R. and 2 more (...) (2022).Can Potato Crop on Sandy Soil Be Safely Irrigated with Heavy Metal Polluted Water?. Water (Switzerland),14(8)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85128811127&origin=resultslist	10.3390/w14081226	2-s2.0-85128811127
Extraction of Copper from Liquid Effluents by Cementation in Agitated Vessels Equipped with Expanded Aluminum Cylindrical Sheets	El-Naggar, M.A.| Hassan, D.M.| Zewail, T.M.| Zaatout, A.A.| El-Ashtoukhy, E.-S.Z.| Azab, I.H.E.| Zoromba, M.S.| Abdel-Aziz, M.H.| Sedahmed, G.H.| Fathalla, A.S.	2022	Journal of Sustainable Metallurgy	2	0.25	El-Naggar, M.A., Hassan, D.M., Zewail, T.M. and 7 more (...) (2022).Extraction of Copper from Liquid Effluents by Cementation in Agitated Vessels Equipped with Expanded Aluminum Cylindrical Sheets. Journal of Sustainable Metallurgy,8(3) 1318-1329	https://www.scopus.com/record/display.uri?eid=2-s2.0-85135691527&origin=resultslist	10.1007/s40831-022-00573-1	2-s2.0-85135691527
INTERNET OF ENERGY APPLIED TO WATER HYDROKINETIC SMART-GRIDS: A TEST RIG EXAMPLE	Gharib-Yosry, A.| Fernandez-Jimenez, A.| Pacheco, V.M.F.| Rico-Secades, M.	2022	Proceedings of ASME 2022 16th International Conference on Energy Sustainability, ES 2022	1	0.69	Gharib-Yosry, A., Fernandez-Jimenez, A., Pacheco, V.M.F. and 1 more (...) (2022).INTERNET OF ENERGY APPLIED TO WATER HYDROKINETIC SMART-GRIDS: A TEST RIG EXAMPLE. Proceedings of ASME 2022 16th International Conference on Energy Sustainability, ES 2022,	https://www.scopus.com/record/display.uri?eid=2-s2.0-85140763782&origin=resultslist	10.1115/ES2022-85552	2-s2.0-85140763782
Hybrid concentrator photovoltaic/membrane distillation system for potable water production using new fabricated PS/ZIF_L membrane	Rabie, M.| Elrasheedy, A.| Zkria, A.| Elkady, M.F.| Yoshitake, T.| El-Shazly, A.H.	2023	Journal of Water Process Engineering	1	0.19	Rabie, M., Elrasheedy, A., Zkria, A. and 3 more (...) (2023).Hybrid concentrator photovoltaic/membrane distillation system for potable water production using new fabricated PS/ZIF_L membrane. Journal of Water Process Engineering,53	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160813966&origin=resultslist	10.1016/j.jwpe.2023.103872	2-s2.0-85160813966
Experimental and Simulation Study of Solar-Powered Air-Gap Membrane Distillation Technology for Water Desalination	Abu-Zeid, M.A.-R.| Bassyouni, M.| Fouad, Y.| Monica, T.| Sandid, A.M.| Elhenawy, Y.	2023	Membranes	1	0.19	Abu-Zeid, M.A.-R., Bassyouni, M., Fouad, Y. and 3 more (...) (2023).Experimental and Simulation Study of Solar-Powered Air-Gap Membrane Distillation Technology for Water Desalination. Membranes,13(10)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85175008951&origin=resultslist	10.3390/membranes13100821	2-s2.0-85175008951

Synthesis of iron(III) oxide nanoparticles via simple and cheap procedures for adsorption of environmentally harmful toxic heavy metals	Alhadhrami, A.| Adam, A.M.A.| Almalki, A.S.A.| Refat, M.S.	2019	Revue Roumaine de Chimie	1	0.06	Alhadhrami, A., Adam, A.M.A., Almalki, A.S.A. and 1 more (...) (2019).Synthesis of iron(III) oxide nanoparticles via simple and cheap procedures for adsorption of environmentally harmful toxic heavy metals. Revue Roumaine de Chimie,64(9) 817-828	https://www.scopus.com/record/display.uri?eid=2-s2.0-85074904360&origin=resultslist	10.33224/rrch.2019.64.909	2-s2.0-85074904360
Groundwater contamination risks from conservative point source pollutants in a future climate	Persson, M.| Selim, T.| Olsson, J.	2019	Hydrological Sciences Journal	1	0	Persson, M., Selim, T., Olsson, J. (2019).Groundwater contamination risks from conservative point source pollutants in a future climate. Hydrological Sciences Journal,64(13) 1659-1671	https://www.scopus.com/record/display.uri?eid=2-s2.0-85073601474&origin=resultslist	10.1080/02626667.2019.1662022	2-s2.0-85073601474
Optimization of Water Pipe Network and Formulation of Pumping Rate	ElZahar, M.M.H.| Amin, M.M.M.	2023	KSCE Journal of Civil Engineering	1	0.2	ElZahar, M.M.H., Amin, M.M.M. (2023).Optimization of Water Pipe Network and Formulation of Pumping Rate. KSCE Journal of Civil Engineering,27(7) 2882-2890	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160861298&origin=resultslist	10.1007/s12205-023-0872-8	2-s2.0-85160861298
Computational fluid dynamics-based design of anoxic bioreactor zone in wastewater treatment plant	Amin, I.| Elsakka, M.| Oterkus, S.| Nguyen, C.T.| Ozdemir, M.| El-Aassar, A.-H.| Shawky, H.| Oterkus, E.	2022	Desalination and Water Treatment	1	0.12	Amin, I., Elsakka, M., Oterkus, S. and 5 more (...) (2022).Computational fluid dynamics-based design of anoxic bioreactor zone in wastewater treatment plant. Desalination and Water Treatment,2539-23	https://www.scopus.com/record/display.uri?eid=2-s2.0-85128953323&origin=resultslist	10.5004/dwt.2022.28300	2-s2.0-85128953323
Terbium Removal from Aqueous Solutions Using a In2O3 Nanoadsorbent and Arthrospira platensis Biomass	Al-Bagawi, A.H.| Yushin, N.| Hosny, N.M.| Gomaa, I.| Ali, S.| Boyd, W.C.| Kalil, H.| Zinicovscaia, I.	2023	Nanomaterials	1	0.18	Al-Bagawi, A.H., Yushin, N., Hosny, N.M. and 5 more (...) (2023).Terbium Removal from Aqueous Solutions Using a In2O3 Nanoadsorbent and Arthrospira platensis Biomass. Nanomaterials,13(19)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85173816697&origin=resultslist	10.3390/nano13192698	2-s2.0-85173816697

New Efficient Configurations for Sour Wastewater Treatment	Gadalla, M.A.| Ghallab, A.| Mansour, A.M.| Ashour, F.H.| Elazab, H.A.	2022	Recent Innovations in Chemical Engineering	0	0	Gadalla, M.A., Ghallab, A., Mansour, A.M. and 2 more (...) (2022).New Efficient Configurations for Sour Wastewater Treatment. Recent Innovations in Chemical Engineering,15(1) 14-30	https://www.scopus.com/record/display.url?eid=2-s2.0-85134328327&origin=resultslist	10.2174/2405520415666211229123400	2-s2.0-85134328327
Investigation of Biosurfactants Production from Petroleum Oil Wastes Using Response Surface Methodology	Tayeb, A.M.| Mostafa, N.A.| Olfat, M.A.| Farouq, R.| Monazie, A.M.	2022	Petroleum Chemistry	0	0	Tayeb, A.M., Mostafa, N.A., Olfat, M.A. and 2 more (...) (2022).Investigation of Biosurfactants Production from Petroleum Oil Wastes Using Response Surface Methodology. Petroleum Chemistry,62(7) 800-807	https://www.scopus.com/record/display.url?eid=2-s2.0-85127477600&origin=resultslist	10.1134/S0965544122020256	2-s2.0-85127477600
EXPERIMENTAL AND STATIC SIMULATION STUDY FOR ENHANCING WASTEWATER TREATMENT BY ELECTROCOAGULATION USING MAGNETIC FIELDS	Mahrouqi, J.A.| Meqbali, N.A.| Mahmoud, M.S.| Barakat, N.A.M.| Farrag, T.E.| Abdel-Aty, M.M.	2023	Environmental Engineering and Management Journal	0	0	Mahrouqi, J.A., Meqbali, N.A., Mahmoud, M.S. and 3 more (...) (2023).EXPERIMENTAL AND STATIC SIMULATION STUDY FOR ENHANCING WASTEWATER TREATMENT BY ELECTROCOAGULATION USING MAGNETIC FIELDS. Environmental Engineering and Management Journal,22(12) 2003-2018	https://www.scopus.com/record/display.url?eid=2-s2.0-85185327759&origin=resultslist	10.30638/eemj.2023.173	2-s2.0-85185327759
Water Quality and Bacteriological Assessment of Two Drains; in the Deltaic Mediterranean Coast of Egypt	Ameen, M.M.| Darwish, D.H.| Salama, A.M.| Serag, M.S.| Beheary, M.S.	2023	Egyptian Journal of Aquatic Biology and Fisheries	0	0	Ameen, M.M., Darwish, D.H., Salama, A.M. and 2 more (...) (2023).Water Quality and Bacteriological Assessment of Two Drains; in the Deltaic Mediterranean Coast of Egypt. Egyptian Journal of Aquatic Biology and Fisheries,27(6) 117-139	https://www.scopus.com/record/display.url?eid=2-s2.0-85178446376&origin=resultslist	10.21608/ejabf.2023.327965	2-s2.0-85178446376

Correction to: Role of identified bacterial consortium in treatment of Quhafa wastewater treatment plant influent in Fayuom, Egypt (Environmental Monitoring and Assessment, (2020), 192, 3, (161), 10.1007/s10661-020-8105-9)	Ibrahim, S.| El-Liethy, M.A.| Elwakeel, K.Z.| Hasan, M.A.E.-G.| Al Zanaty, A.M.| Kamel, M.M.	2020	Environmental Monitoring and Assessment	0	0	Ibrahim, S., El-Liethy, M.A., Elwakeel, K.Z. and 3 more (...) (2020).Correction to: Role of identified bacterial consortium in treatment of Quhafa wastewater treatment plant influent in Fayuom, Egypt (Environmental Monitoring and Assessment, (2020), 192, 3, (161), 10.1007/s10661-020-8105-9). Environmental Monitoring and Assessment,192(5)	https://www.scopus.com/record/display.url?eid=2-s2.0-85083356516&origin=resultslist	10.1007/s10661-020-8211-8	2-s2.0-85083356516
Recharging the Freshwater Coastal Aquifer of Sidi Kirayr Area Using Sustainable Infiltration Trenches	ElZahar, M.M.H.| Amin, M.M.M.	2023	International Journal of Environmental Science and Development	0	0	ElZahar, M.M.H., Amin, M.M.M. (2023).Recharging the Freshwater Coastal Aquifer of Sidi Kirayr Area Using Sustainable Infiltration Trenches. International Journal of Environmental Science and Development,14(2) 125-133	https://www.scopus.com/record/display.url?eid=2-s2.0-85159343853&origin=resultslist	10.18178/ijesd.2023.14.2.1424	2-s2.0-85159343853
Mechanical analyses of hollow-fibre water treatment membranes	Ozdemir, M.| Oterkus, S.| Oterkus, E.| Amin, I.| El-Aassar, A.| Shawky, H.	2023	Desalination and Water Treatment	0	0	Ozdemir, M., Oterkus, S., Oterkus, E. and 3 more (...) (2023).Mechanical analyses of hollow-fibre water treatment membranes. Desalination and Water Treatment,28640-51	https://www.scopus.com/record/display.url?eid=2-s2.0-85158154545&origin=resultslist	10.5004/dwt.2023.29329	2-s2.0-85158154545
Mechanical analyses of flat sheet water treatment membranes	Ozdemir, M.| Oterkus, S.| Oterkus, E.| Amin, I.| El-Aassar, A.-H.| Shawky, H.	2022	AIMS Materials Science	0	0	Ozdemir, M., Oterkus, S., Oterkus, E. and 3 more (...) (2022).Mechanical analyses of flat sheet water treatment membranes. AIMS Materials Science,9(6) 863-883	https://www.scopus.com/record/display.url?eid=2-s2.0-85142213933&origin=resultslist	10.3934/matersci.2022052	2-s2.0-85142213933
Heavy Metal Transport in Different Drip-Irrigated Soil Types with Potato Crop	Selim, T.| Elkefafy, S.M.| Berndtsson, R.| Elkiki, M.| El-kharbotly, A.A.	2023	Sustainability (Switzerland)	0	0	Selim, T., Elkefafy, S.M., Berndtsson, R. and 2 more (...) (2023).Heavy Metal Transport in Different Drip-Irrigated Soil Types with Potato Crop. Sustainability (Switzerland),15(13)	https://www.scopus.com/record/display.url?eid=2-s2.0-85165076300&origin=resultslist	10.3390/su151310542	2-s2.0-85165076300

Microbial Remediation of some Heavy Metals in Wastewaters of Lake Manzala, Egypt	Abd El-Kader, A.I.| Zaky, M.| El-Serafy, M.A.	2022	Egyptian Journal of Aquatic Biology and Fisheries	0	0	Abd El-Kader, A.I., Zaky, M., El-Serafy, M.A. (2022).Microbial Remediation of some Heavy Metals in Wastewaters of Lake Manzala, Egypt. Egyptian Journal of Aquatic Biology and Fisheries,26(5) 483-493	https://www.scopus.com/record/display.uri?eid=2-s2.0-85139149477&origin=resultslist	10.21608/ejabf.2022.262658	2-s2.0-85139149477
Removal of Pathogenic Bacteria from Water Using Pomegranate Peels	Zaki, M.R.| Farrag, T.E.| Mohamedin, A.H.| El-Bana, M.I.B.| Saber, W.I.A.	2023	Egyptian Journal of Botany	0	0	Zaki, M.R., Farrag, T.E., Mohamedin, A.H. and 2 more (...) (2023).Removal of Pathogenic Bacteria from Water Using Pomegranate Peels. Egyptian Journal of Botany,63(3) 865-876	https://www.scopus.com/record/display.uri?eid=2-s2.0-85175072352&origin=resultslist	10.21608/EJBO.2023.172401.2183	2-s2.0-85175072352