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<input type="checkbox"/>	Khattak, Z.A.K. 6					
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<input type="checkbox"/>	Al-Fayoum University 37	A comparative study on the effect of nano-additives on the performance and emissions of a diesel engine run on Jatropa biodiesel	Gad, M.S., Jayaraj, S.	2020	Fuel	48
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<input type="checkbox"/>	Ghent University 5	Techno-economic assessment of biomass power plant fed with rice straw: Sensitivity and parametric analysis of the performance and the LCOE	Abdelhady, S., Borello, D., Shaban, A.	2018	Renewable Energy	46
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<input type="checkbox"/>	All Open Access 7	Plasmon-induced interfacial charge-transfer transition prompts enhanced CO2 photoreduction over Cu/Cu2O octahedrons	Sayed, M., Zhang, L., Yu, J.	2020	Chemical Engineering Journal	21
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<input type="checkbox"/>	≤ 10 37	Viability study of grid connected PV/Wind/Biomass hybrid energy system for a small village in Egypt	Barakat, S., Samy, M.M., Eteiba, M.B. and 1 more	2017	2016 18th International Middle-East Power Systems Conference, MEPCON 2016 - Proceedings	20
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		Effect of summer-fall deficit irrigation on morpho-physiological, anatomical responses, fruit yield and water use efficiency of cucumber under salt affected soil	Abd El-Mageed, T.A., Semida, W.M., Taha, R.S. and 1 more	2018	Scientia Horticulturae	19
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Highly active dinuclear cobalt complexes for solvent-free cycloaddition of CO <sub>2</sub> to epoxides at ambient pressure <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Khattak, Z.A.K.</a> , <a href="#">Younus, H.A.</a> , <a href="#">Ahmad, N.</a> and 5 more	2019	Chemical Communications	18
Assessment of levelized cost of electricity of offshore wind energy in Egypt <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Abdelhady, S.</a> , <a href="#">Borello, D.</a> , <a href="#">Shaban, A.</a>	2017	Wind Engineering	16
ONO pincer type ligand complexes of Al(III) as efficient catalyst for chemical fixation of CO <sub>2</sub> to epoxides at atmospheric pressure <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Ullah, H.</a> , <a href="#">Mousavi, B.</a> , <a href="#">Younus, H.A.</a> and 6 more	2019	Journal of Catalysis	15
Comparative study of combustion characteristics and exhaust emissions of waste cooking-diesel oil blends <i>Open Access</i> <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Mahfouz, A.</a> , <a href="#">Gad, M.S.</a> , <a href="#">El Fatih, A.</a> and 1 more	2018	Ain Shams Engineering Journal	13
Sustainability Evaluation of Rainwater Harvesting-Based Flood Risk Management Strategies: A Multilevel Decision-Making Framework for Arid Environments <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Haider, H.</a> , <a href="#">Ghumman, A.R.</a> , <a href="#">Al-Salamah, I.S.</a> and 2 more	2019	Arabian Journal for Science and Engineering	13
Performance and cost evaluation of solar dish power plant: sensitivity analysis of levelized cost of electricity (LCOE) and net present value (NPV) <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Abdelhady, S.</a>	2021	Renewable Energy	12
Triazole based cobalt catalyst for CO <sub>2</sub> insertion into epoxide at ambient pressure <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Suleman, S.</a> , <a href="#">Younus, H.A.</a> , <a href="#">Ahmad, N.</a> and 6 more	2020	Applied Catalysis A: General	11
Recent Methodology-Based Gradient-Based Optimizer for Economic Load Dispatch Problem <i>Open Access</i> <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	<a href="#">Deb, S.</a> , <a href="#">Abdelminaam, D.S.</a> , <a href="#">Said, M.</a> and 1 more	2021	IEEE Access	10

Title	Authors	Year	Scopus Source	Citations 
Effect of multi carbon nanosheet on diesel engine performance and emissions <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Gad, M.S., Yehia, K.A.A., Abdelhakeem, A.A.	2018	Fullerenes Nanotubes and Carbon Nanostructures	8
Towards a clean environment: The potential application of eco-friendly magnesia-silicate cement in CO2 sequestration <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Abdel-Gawwad, H.A., Hassan, H.S., Vásquez-García, S.R. and 7 more	2020	Journal of Cleaner Production	8
Enhancement of heat and mass transfer performance on humidification tower using injection of different carrier gases into water bed <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Hamed, M.H., Kabeel, A.E., El-Said, E.M.S.	2017	Applied Thermal Engineering	7
Efficient Photoelectrochemical O2 and CO Production Using BiVO4 Water Oxidation Photoanode and CO2 Reduction Au Nanoparticle Cathode Prepared by In Situ Deposition from Au3+ Containing Solution <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Zahran, Z.N., Mohamed, E.A., Haleem, A.A. and 1 more	2017	Advanced Sustainable Systems	6
Co-catalyst and solvent free nitrogen rich triazole based organocatalysts for cycloaddition of CO2 into epoxide <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Suleman, S., Younus, H.A., Khattak, Z.A.K. and 3 more	2020	Molecular Catalysis	6
Marker-trait association for grain weight of spring barley in well-watered and drought environments <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Sallam, A., Amro, A., Elakhdar, A. and 3 more	2019	Molecular Biology Reports	5
CO2 insertion into epoxides using cesium salts as catalysts at ambient pressure <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	Suleman, S., Younus, H.A., Ahmad, N. and 4 more	2019	Catalysis Science and Technology	5
Comparative study of performance and exhaust emissions of a diesel engine fueled with algal, used cooked and Jatropha oils biodiesel mixtures <a href="#">View in Scopus</a>  > <a href="#">View abstract</a>	El-Baz, F.K., Gad, M.S., Abdo, S.M. and 1 more	2017	International Journal of Mechanical and Mechatronics Engineering	5

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Experimental study on the effect of preheated Egyptian Jatropha oil and biodiesel on the performance and emissions of a diesel engine <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Ibrahim, S.M.A., Abed, K.A., Gad, M.S. and 1 more	2020	International Journal of Mechanical and Mechatronics Engineering	4
Do risk perceptions and constraints influence the adoption of climate change practices among small livestock herders in Punjab, Pakistan? <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Faisal, M., Chunping, X., Abbas, A. and 4 more	2021	Environmental Science and Pollution Research	3
Investigation of heat-induced changes in the grain yield and grains metabolites, with molecular insights on the candidate genes in barley <i>Open Access</i> <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Dawood, M.F.A., Moursi, Y.S., Amro, A. and 2 more	2020	Agronomy	3
Chemical fixation of carbon dioxide catalyzed via cobalt (III) ONO pincer ligated complexes <i>Open Access</i> <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Ullah, H., Mousavi, B., Younus, H.A. and 4 more	2019	Communications Chemistry	2
Biogenic-mediated synthesis of the Cs <sub>2</sub> O-MgO/MPC nanocomposite for biodiesel production from olive oil <i>Open Access</i> <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Hassan, H.M.A., Alhumaimess, M.S., Alsohaimi, I.H. and 4 more	2020	ACS Omega	2
Performance and emissions characteristics of diesel engine running using biodiesel and its blends with kerosene compared to regular diesel <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Zaher, F.A., Gad, M.S.	2018	Egyptian Journal of Chemistry	2
Multi-objective optimization of dynamic electricity generation-mix with CO <sub>2</sub> reduction target: A case study of South Africa <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Yahia, Z., Kholopane, P.	2019	Proceedings of the International Conference on Industrial Engineering and Operations Management	1
Utilizing local natural pozzolan as partial replacement for cement and sand in cement mortar cubes with silica fume <a href="#">View in Scopus</a> > <a href="#">View abstract</a>	Dahish, H.A., Almutairi, S., Elragi, A.F. and 1 more	2020	ARPN Journal of Engineering and Applied Sciences	1

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Impact of HHO gas on diesel engine performance and emissions <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Gad, M.S.</a> , <a href="#">Sayed, M.M.A.</a> , <a href="#">Mahmoud, T.A.T.</a>	2020	IEEE Aerospace Conference Proceedings	1
Multi-objective preemptive optimization of residential load scheduling problem under price and CO2 signals <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Yahia, Z.</a> , <a href="#">Pradhan, A.</a>	2019	Proceedings of the International Conference on Industrial Engineering and Operations Management	1
Optimization and system dynamics-based simulation for electricity generation-mix planning and ghg emissions mitigation <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Yahia, Z.</a> , <a href="#">Pradhan, A.</a>	2020	Towards the Digital World and Industry X.0 - Proceedings of the 29th International Conference of the International Association for Management of Technology, IAMOT 2020	0
Recent Methodology Based Gradient-Based Optimizer for Economic Load Dispatch Problem <i>Open Access</i> <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Deb, S.</a> , <a href="#">Houssein, E.H.</a> , <a href="#">Said, M.</a> and 1 more	2021	IEEE Access	0
Predicting the strength of cement mortars containing natural pozzolan and silica fume using multivariate regression analysis <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Dahish, H.A.</a> , <a href="#">Bakri, M.</a> , <a href="#">Alfawzan, M.S.</a>	2021	International Journal of GEOMATE	0
Assessment of urban resilience through the development of an urban resilience assessment model (resilience performance index) <a href="#">View in Scopus ↗</a> > <a href="#">View abstract</a>	<a href="#">Gaber, R.M.</a> , <a href="#">El-Kader, M.H.A.</a> , <a href="#">Okba, E.M.</a>	2019	International Journal of Engineering Research and Technology	0