

## Theme 6-2: Renewable Energy and Power Systems - 2019

Title	Authors	Scopus Source title	Volume	Pages	Source type	Publication type	Open Access
Towards Energy Efficient Servers' Utilization in Datacenters	Osman, A.   Sagahyroon, A.   Aburukba, R.   Aloul, F.	Advances in Intelligent Systems and Computing	997	254-262	Book Series	Conference Paper	0
Direct hydrocarbon fuel cells: A promising technology for improving energy efficiency	Mohammed, H.   Al-Othman, A.   Nancarrow, P.   Tawalbeh, M.   El Haj Assad, M.	Energy	172	207-219	Journal	Article	
Fast pyrolysis of date palm (Phoenix dactylifera) waste in a bubbling fluidized bed reactor	Makkawi, Y.   El Sayed, Y.   Salih, M.   Nancarrow, P.   Banks, S.   Bridgwater, T.	Renewable Energy	143	719-730	Journal	Article	Green
Parametric analysis of biomass fast pyrolysis in a downer fluidized bed reactor	Makkawi, Y.   Yu, X.   Ocone, R.	Renewable Energy	143	1225-1234	Journal	Article	Green
Dynamic Model of a Proton-Exchange Membrane Fuel Cell using Equivalent Electrical Circuit	Taieb, A.   Mukhopadhyay, S.   Al-Othman, A.	2019 Advances in Science and Engineering Technology International Conferences, ASET 2019	-	-	Conference Proceeding	Conference Paper	
Microbial desalination fuel cell using membrane bioreactor as a sludge supplier: Comparison between immersed and side-stream configurations	Mukhtar, N.   Al-Asheh, S.   Aidan, A.	Desalination and Water Treatment	146	78-84	Journal	Article	
Cost Analysis of Electricity Transmission from Offshore Wind Farm by HVDC and Hydrogen Pipeline Systems	Taieb, A.   Shaaban, M.	2019 IEEE PES GTD Grand International Conference and Exposition Asia, GTD Asia 2019	-	632-636	Conference Proceeding	Conference Paper	
PV and EV charger allocation with V2G capabilities	Abdelwahab, O.M.   Shaaban, M.F.	Proceedings - 2019 IEEE 13th International Conference on Compatibility, Power Electronics and Power Engineering, CPE-POWERENG 2019	-	-	Conference Proceeding	Conference Paper	
Comparative Study on Control Techniques and Delay Margin Enhancement in LFC System	Usman, H.M.   El-Hag, A.-B.   Lutfi, A.   Osman, A.   Jalal, A.	4th International Conference on Power Generation Systems and Renewable Energy Technologies, PGSRET 2018	-	-	Conference Proceeding	Conference Paper	