

Theme 6-2: Renewable Energy and Power Systems - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Energy and economic analysis of date palm biomass feedstock for biofuel production in UAE: Pyrolysis, gasification and fermentation	Martis, R. Al-Othman, A. Tawalbeh, M. Alkasrawi, M.	Energies	13	22	-	Journal	Article	Gold Green
Comparative life cycle assessment for PEMFC stack including fuel storage materials in UAE	Salameh, T. Al-Othman, A. Olabi, A.G. Issa, S. Tawalbeh, M. Alami, A.H.	2020 Advances in Science and Engineering Technology International Conferences, ASET 2020	-	-	-	Conference Proceeding	Conference Paper	
Life cycle analysis comparison between single crystalline solar cells and poly crystalline gallium in UAE	Salameh, T. Tawalbeh, M. Alami, A.H. Al-Othman, A. Issa, S. Alkasrawi, M.	2020 Advances in Science and Engineering Technology International Conferences, ASET 2020	-	-	-	Conference Proceeding	Conference Paper	
Single-chamber microbial fuel cells' behavior at different operational scenarios	Al-Asheh, S. Al-Assaf, Y. Aidan, A.	Energies	13	20	-	Journal	Article	Gold Green
A new data-based dust estimation unit for pv panels	Shaaban, M.F. Alarif, A. Mokhtar, M. Tariq, U. Osman, A.H. Al-Ali, A.R.	Energies	13	14	-	Journal	Article	Gold Green
LC impedance source bi-directional converter with reduced capacitor voltages	Raveendhra, D. Dhaouadi, R. Rehman, H. Mukhopadhyay, S.	Electronics (Switzerland)	9	7	1-27	Journal	Article	Green
An optimal energy resource allocation framework for cellular networks with power grid interruptions	Hanna, M.O. Shaaban, M.F. Ismail, M.H. Hassan, M.S.	Wireless Networks	26	6	4189-4205	Journal	Article	
Automatic Detection of Data Manipulation in Power Systems	Aihalabi, L. Osman, A. Mukhopadhyay, S.	Proceedings - 2020 6th International Conference on Electric Power and Energy Conversion Systems, EPECS 2020	-	-	136-140	Conference Proceeding	Conference Paper	
Minimizing the state of health degradation of Li-ion batteries onboard low earth orbit satellites	Lami, M. Shamayleh, A. Mukhopadhyay, S.	Soft Computing	24	6	4131-4147	Journal	Article	
Experimental evaluation of ground heat exchanger in UAE	Atwany, H. Hamdan, M.O. Abu-Nabah, B.A. Alami, A.H. Attom, M.	Renewable Energy	159	-	538-546	Journal	Article	