

Hartani Mohamed Amine

International publication -A-

- 1- Amine, Hartani Mohamed, et al. "The impacts of control systems on hybrid energy storage systems in remote DC-Microgrid system: A comparative study between PI and super twisting sliding mode controllers." *Journal of Energy Storage* (2021): 103586.
- 2- Hartani, Mohamed Amine, et al. "Impacts assessment of random solar irradiance and temperature on the cooperation of the energy management with power control of an isolated cluster of DC-Microgrids." *Sustainable Energy Technologies and Assessments* 47 (2021): 101484.
- 3- Amine, Hartani Mohamed, et al. "Exploitation of vehicle's kinetic energy in power management of two-wheel drive electric vehicles based on ANFIS DTC-SVM comparative study." *International Journal of Hydrogen Energy* 46.54 (2021): 27758-27769.

International publication -B-

- 1- Amine, Hartani Mohamed, et al. "Management of MPPT Technics and Energy Storage on Renewable Hybrid Power Systems." *Electrotehnica, Electronica, Automatica* 67.3 (2019).
- 2- Oussama, Hafsi, et al. "Proposed energy management for a decentralized DC-microgrid based PV-WT-HESS for an isolated community." *International Journal of Power Electronics and Drive Systems* 11.4 (2020): 2073.
- 3- Soumeur, Mohammed Amine, et al. "A Comparative Study of Two Energy Management Schemes for a Fuel-cell Hybrid Power System of Four-Wheel-Drive Electric Vehicle." *Journal of Power Technologies* 101.1 (2021).
- 4- Soumeur, Mohammed Amine, et al. "Energy Management for a Hybrid Fuel cell/SC for Four-Wheel Drive Electric Vehicle." *Electrotehnica, Electronica, Automatica* 67.3 (2019).
- 5- Abdelkader, Abdallah Ben, et al. "A comparative study and experimental validation on single-phase series active power filter control strategies using PI, FLC and sliding mode controllers." *Int J Pow Elec & Dri Syst* 10.2 (2019): 731-743. 9-
- 6- Abdelkader, Abdallah Ben, et al. "Series active power filter supplied by fuel cell for mitigating power quality issues." *Int. J. Appl* 8 (2020): 173-192.
- 7- Abdeselem, Chakar, et al. "Power management strategy based Sugeno fuzzy logic rules in an electric wheelchair." *International Journal of Power Electronics and Drive Systems* 12.2 (2021): 1187.
- 8- Laidi, Abdallah, Messaoud Hamouda, and Mohamed Amine Hartani. "Design and modeling of a planar micro-coil for micro solar converter application." *Przegląd Elektrotechniczny* 97 (2021).

International conferences

- 1- Hartani, M. A., et al. "Power Flow Analyses of a Standalone 5-Buses IEEE DC Microgrid for Arid Saharian Zone (South of Algeria)." *International Conference in Artificial Intelligence in Renewable Energetic Systems*. Springer, Cham, 2019.
- 2- Hartani, M. A., et al. "Static-dynamic Analysis of an LVDC Smart Microgrid for a Saharian-Isolated Areas Using ETAP/MATLAB Software." *International Conference in Artificial Intelligence in Renewable Energetic Systems*. Springer, Cham, 2019. 6- Oussama, Hafsi, et al.
- 3- Oussama, Hafsi, et al. "Wind turbine generator based on PMSG connected to DC microgrid system." *International Journal of Control, Energy and Electrical Engineering* 7 (2019): 40-43.
- 4- Second International Conference on Electrical Engineering ICCEEB'2018, December 2-3, 2018,

Biskra, Algeria.

- 5- Conférence Internationale sur les Matériaux, le Patrimoine et l'Environnement en Zones Arides Université Ahmed DRAIA, Adrar 17 & 18 février 2019.
- 6- First International Conference on Smart Grids, CIREI'2019 March 4-5, 2019, at ENP- Oran – Algeria.
- 7- International Conference on advances in communication technology, computing, and engineering (ICTACTCE 2021), 24-26 Mars, 2021.

National workshops and meetings

- 1- The First Workshop on Electrical Engineering & Computer Science 2018, July 10, 2018, Bechar, Algeria.
- 2- The Workshop on Electrical Engineering 2018, April 19, 2018. Adrar, Algeria.