

### Liste des articles de Journaux publiés en 2016

1. Saif Saadaoui, Ahmed Torchani, M Aziz Ben Youssef, Rached Gharbi, Fabrication, modeling and electrical characterization of natural dye sensitized solar cell under different thermal stress conditions, *Optik*, Vol. 127, No. 20, pp 10058-10067, 2016. (IF\_WOS: **1.914**)
2. Houaida Cherni, Iskander Boulaabi, Anis Sellami, Fayçal Ben Hmida, Robust Actuator and Sensor Faults Reconstruction Based on New Sliding Mode Observer for a Class of Output Time-Delay Systems, *IETE Journal of Research*, Vol. 62, No. 6, pp. 812-821, 2016. (IF\_WOS: **0.793**)
3. Iskander Boulaabi, Anis Sellami, Fayçal Ben Hmida, Robust delay-derivative-dependent sliding mode observer for fault reconstruction: a diesel engine system application, *Circuits, Systems, and Signal Processing*, Vol. 35, No. 7, pp. 2351-2372, 2016. (IF\_WOS: **2.829**)
4. Borhen Torchani, Anis Sellami, Germain Garcia, Variable speed wind turbine control by discrete-time sliding mode approach, *ISA Transactions*, Vol. 62, pp.81-86, 2016. (IF\_WOS: **4.343**)
5. T Azizi, AE Touihri, M Ben Karoui, R Gharbi, Comparative study between dye-synthesized solar cells prepared by electrophoretic and doctor blade techniques, *Optik*, Vol. 127, No. 10, pp. 4400-4404, 2016. (IF\_WOS: **1.914**)
6. Manel Hlaili et Hfaiedh Mechergui, Comparison of Different MPPT Algorithms with a Proposed One Using a Power Estimator for Grid Connected PV Systems, *International Journal of Photoenergy*, Vol. 2016, pp. 1-10, 2016. (IF\_WOS: **2.026**)
7. Zouhour Kadachi, Moufida Ben Karoui, Tarek Azizi, Rached Gharbi, Effect of TiO<sub>2</sub> blocking layer synthesised by a sol-gel method in performances of fluorine-doped tin oxide/TiO<sub>2</sub>/dyed-TiO<sub>2</sub>/electrolyte/pt/fluorine-doped tin oxide solar cells based on natural mallow dye, *Micro & Nano Letters*, Vol. 11, No. 2, pp 94-98, 2016. (IF\_WOS: **0.975**)
8. Wajdi Saad, Anis Sellami, Garcia Germain, Robust sliding mode- $H_{\infty}$  control approach for a class of nonlinear systems affected by unmatched uncertainties using a poly-quadratic Lyapunov function, *International Journal of Control Automation and Systems*, Vol. 14, No. 6, pp. 4400-4404, 2016. (IF\_WOS: **2.181**)
9. Abderrahmen Zaafouri, Chiheb Ben Regaya, Hechmi Ben Azza, Abdelkader Chaari, DSP-based adaptive backstepping using the tracking errors for high-performance sensorless speed control of induction motor drive, *ISA Transactions*, Vol. 60, pp. 333-347, 2016. (IF\_WOS: **4.343**)
10. Borhen Aissaoui, Moez Soltani, Abdelkader Chaari, Subspace Identification of Hammerstein model with Unified Discontinuous Nonlinearity, *Mathematical Problems In Engineering*, Vol. 2016, pp.1-10, 2016. (IF\_WOS: **1.179**)

11. Rjiba Sadika, Moez Soltani et Saloua Benammou, Comparative study on textual data set using fuzzy clustering algorithms, *Kybernetes*, Vol. 45, No. 8, pp. 1232-1242, 2016. (IF\_WOS: 1.381)
12. Mongi Moujahed, Hechmi Ben Azza, Khaled Frifita, Mohamed Jemli, Mohamed Boussak, Fault detection and fault-tolerant control of power converter fed PMSM, *Electrical Engineering*, Vol. 98, No. 2, pp. 121-131, 2016. (IF\_WOS: **1.296**)
13. Nsibi Walid, Mohamed Nejib Nehdi, Abdeljelil Chammam, Anis Sellami” HID lamps under low frequency square wave operation: Experimental Evaluation of Dimming effects”*Lighting Research and Technology*, volume 49 no 5,PP 1-10,2016. (IF\_WOS: **2.311**)
14. Abdeljelil Chammam, Nsibi Walid, Mohamed Nejib Nehdi, Brahim Mrabet, Anis Sellami , Effects of frequency dimming electronic ballast on a high-pressure mercury thallium iodide discharge, *Journal of the Society for Information Display (J SOC INF DISPLAY)*, volume 24 no 3, pp,154-158,2016. (IF\_WOS: **1.135**)
15. Rached Gharbi, K Shili, M Ben Karoui, M Fathallah, S Ferrero, Barrier height evolution in a non-uniform interface of Ti or Mo Schottky diodes based on 4H-SiC, *International Journal of Electronics Letters*, Vol. 4, No. 3, pp. 367-375, 2016. (IF\_SJR: **0.16**)