

# Classement Web et contributions scientifiques indexées de l'EPST/CDER pour l'année 2018

## Le CDER auTop Research Centers by Google Scholar Citations", édition juillet 2018

Selon le classement transparent ranking, le CDER se place en première position à l'échelle nationale, 5ème dans le monde Arabe, 17ème en Afrique et 1718 au Monde en terme du nombre de citations selon Google Scholar. Il est à noter que la plupart des institutions qui se positionnent avant le CDER dans le classement sont soit des institutions nationales de recherche ou des réseaux d'institutions de recherche qui regroupent plusieurs centres de recherche.

les centres de recherche dont le nombre de citations ne dépassent 1000 ne sont pas inclus dans le classement.

## Publications Scopus 2018

Nombre de publication 2018 : **183**

Nombre de publication total : **1225**

Classement sur les centres de recherche : **1er**

Classement sur toutes les institutions du ministère de l'enseignement supérieur et de la recherche scientifique : **19ème**

1. **Boutelhig, A., Hanini, S., Arab, A.H.** Geospatial characteristics investigation of suitable areas for photovoltaic water pumping erections, in the southern region of Ghardaia, Algeria (2018) *Energy*, 165, pp. 235-245. DOI: 10.1016/j.energy.2018.09.036
2. **Hamouche, H., Shabat, M.M.** Computational analysis of metamaterial–aluminum–silicon solar cell model (2018) *Optical and Quantum Electronics*, 50 (12), art. no. 448, . DOI: 10.1007/s11082-018-1705-8
3. **Menad, C.A., Gomri, R., Lalmi, D.** Data on combination of parabolic solar system with CH<sub>4</sub> cycle and power tower solar system with Cu–Cl cycle for hydrogen production in the city of Ghardaia (Algeria) (2018) *Data in Brief*, 21, pp. 1267-1276. DOI: 10.1016/j.dib.2018.10.110
4. **Larbi, A.A., Bounif, A., Senouci, M., Gökalp, I., Bouzit, M.** RANS modelling of a lifted hydrogen flame using eulerian/lagrangian approaches with transported PDF method (2018) *Energy*, 164, pp. 1242-1256. DOI: 10.1016/j.energy.2018.08.073
5. **Hadidi, A., Remini, B., Habi, M., Saba, D.** The oasis of Moghrar (southwest Algeria): water resources and management (2018) *Water Science and Technology: Water Supply*, 18 (6), pp. 2108-2117. DOI: 10.2166/ws.2018.027
6. **Ronga, D., Pellati, F., Brighenti, V., Laudicella, K., Laviano, L., Fedailaine, M., Benvenuti, S., Pecchioni, N., Francia, E.** Testing the influence of digestate from biogas on growth and volatile compounds of basil (*Ocimum basilicum* L.) and peppermint (*Mentha x piperita* L.) in hydroponics (2018) *Journal of Applied Research on Medicinal and Aromatic Plants*, 11, pp. 18-26. DOI: 10.1016/j.jarmap.2018.08.001
7. **Tassoult, H., Bouloufa, A., Pawlowski, M., Igalson, M.** Structural and photoluminescent properties of CuGaxIn1-xSe2 thin films prepared by close-spaced vapor transport technique (2018) *Materials Science in Semiconductor Processing*, 88, pp. 167-172. DOI: 10.1016/j.mssp.2018.08.001
8. **Lebouachera, S.E.I., Chemini, R., Khodja, M., Grassl, B., Tassalit, D., Drouiche, N.** Experimental investigations of SDS adsorption on the Algerian rock reservoir: chemical enhanced oil recovery case (2018) *Research on Chemical Intermediates*, 44 (12), pp. 7665-7690. DOI: 10.1007/s11164-018-3580-0
9. **Rennane, A., Abdelnour, A., Kaddour, D., Touhami, R., Tedjini, S.** Design of passive UHF RFID sensor on flexible foil for sports balls pressure monitoring (2018) *IET Microwaves, Antennas and Propagation*, 12 (14), pp. 2154-2160. DOI: 10.1049/iet-map.2018.5193
10. **Guermoui, M., Melgani, F., Danilo, C.** Multi-step ahead forecasting of daily global and direct solar radiation: A review and case study of Ghardaia region (2018) *Journal of Cleaner Production*, 201, pp. 716-734. DOI: 10.1016/j.jclepro.2018.08.006
11. **Benkercha, R., Moulahoum, S., Taghezouit, B.** Parameters extraction of single and double diode model using the flower algorithm (2018) *PVCon 2018 - International Conference on Photovoltaic Science and Technologies*, art. no. 8523968, . DOI: 10.1109/PVCon.2018.8523968
12. **Mammar, K., Laribi, S.** Application of adaptive neuro-fuzzy inference system techniques to predict water activity in proton exchange membrane fuel cell (2018) *Journal of Electrochemical Energy Conversion and Storage*, 15 (4), art. no. 041009, . DOI: 10.1115/1.4040058
13. **Mansour, K., Boudries, R., Dizene, R.** Optical, 2D thermal modeling and exergy analysis applied for performance prediction of a solar PTC (2018) *Solar Energy*, 174, pp. 1169-1184. DOI: 10.1016/j.solener.2018.09.040
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16. **Chaouch, W.B., Khellaf, A., Mediani, A., Slimani, M.E.A., Loumani, A., Hamid, A.** Experimental investigation of an active direct and indirect solar dryer with sensible heat storage for camel meat drying in Saharan environment (2018) *Solar Energy*, 174, pp. 328-341. DOI: 10.1016/j.solener.2018.09.037
17. **Djemoui, L., Bensaha, H., Benseddik, A., Zarrit, R., Guermoui, M., Rabehi, A., Bouzaher, M.T.** Comparative study of geometrical configuration at the thermal performances of an agricultural greenhouse (2018) *E3S Web of Conferences*, 61, art. no. 00003, . DOI: 10.1051/e3sconf/20186100003
18. **Amrouche, F., Erickson, P.A., Varnhagen, S., Park, J.W.** An experimental analysis of hydrogen enrichment on combustion characteristics of a gasoline Wankel engine at full load and lean burn regime (2018) *International Journal of Hydrogen Energy*, 43 (41), pp. 19250-19259. DOI: 10.1016/j.ijhydene.2018.08.110

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22. Benseddik, A., Azzi, A., Zidoune, M.N., Allaf, K. Mathematical empirical models of thin-layer airflow drying kinetics of pumpkin slice (2018) *Engineering in Agriculture, Environment and Food*, 11 (4), pp. 220-231. DOI: 10.1016/j.eaef.2018.07.003
23. Salhi, K., Korichi, M., Ramadan, K.M. Thermodynamic and thermo-economic analysis of compression–absorption cascade refrigeration system using low-GWP HFO refrigerant powered by geothermal energy [Analyse thermodynamique et thermo-économique d'un système frigorifique en cascade à absorption-compression alimenté par l'énergie géothermique utilisant des fluides HFO à faible GWP] (2018) *International Journal of Refrigeration*, 94, pp. 214-229. DOI: 10.1016/j.ijrefrig.2018.03.017
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28. Ammar, H., Benbaha, N., Boukebbous, S.E. PO Control of a Photovoltaic Pumping System to Efficiency Improvement using PSIM (2018) *Proceedings of 2017 International Renewable and Sustainable Energy Conference, IRSEC 2017*, art. no. 8477404, . DOI: 10.1109/IRSEC.2017.8477404
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35. Touafek, K., Khelifa, A., Haloui, H., Cheikh El Hocine, H.B., Baissi, M.T., Boutina, L., Haddad, S., Tabet, I., Malek, A. Improvement of Energy Efficiency of Solar Hybrid Water Collectors (2018) *Proceedings of 2017 International Renewable and Sustainable Energy Conference, IRSEC 2017*, art. no. 8477382, . DOI: 10.1109/IRSEC.2017.8477382
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