



PUBLICATIONS SCOPUS 2018

- **Nombre de publications** : 998
- **Nombre de publications 2018** : 147
- **Nombre de publications 2019** : 03
- **Nombre de citations** : 3330

- **Nombre de publications / Domaine (2000 – 2018) :**
 - Engineering : 246 (25%)
 - Physics : 218 (22%)
 - Energy : 150 (15%)
 - Agricultural and Biological Sciences : 137 (14%)

- **Différents types d'affiliations (2018 – 2019) :**
 - Université Kasdi Merbah – Ouargla : 86 %
 - University of Ouargla - Kasdi Merbah : 04.66 %
 - Université de Ouargla : 04%
 - Univ Ouargla : 0.66%
 - University of Ouargla La Faculté des Nouvelles Technologies de L'information et de la Communication : 0.66 %
 - Université Kasdi Merbah Ouargla : 0.66 %
 - Kasdi Marbah University : 0.66 %
 - Faculty of the Biological and Agronomic Sciences : 0.66 %
 - Laboratoire de géologie de Sahara de Kasdi Merbah Ouargla : 0.66 %
 - Université Khasdi Merbah : 0.66 %
 - Département des Sciences de la Terre et de l'Univers : 0.66 %

- **Publications 2019 :**
 1. Aounallah, N. & Bouziani, M. (2019), 'Initialization of LMS and CMA adaptive beamforming algorithms with SMI for smart antenna system', *Lecture Notes in Electrical Engineering* **522**, 499-509.
 2. Largot, H.; Aiadi, K. E.; Ferid, M.; Hraiech, S.; Bouzidi, C.; Charnay, C. & Horchani-Naifer, K. (2019), 'Spectroscopic investigations of Sm³⁺-doped phosphate glasses: Judd-Ofelt analysis', *Physica B: Condensed Matter* **552**, 184-189.
 3. Lari, E. S.; Askari, H. R.; Meftah, M. T. & Shariat, M. (2019), 'The effect of power supply parameters on spectral lines in atmospheric pressure plasma jets (APPJs) using the He Stark broadening in optical emission spectroscopy', *Optik* **176**, 636-649.

□ **Publications 2018 :**

1. Ababsa, H.; Meftah, M. T. & Chohra, T. (2018), 'Two and three-particles spatial correlation in weak coupling plasma and applications', *Physics and Chemistry of Liquids* **56**(1), 91-99.
2. Abani, S.; Kriker, A. & Khenfer, M. M. (2018), 'Flexural properties of reinforced date palm fibres concrete in Sahara climate', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
3. Abbas, A. H.; Messaoud, H. & Lahcen, A. (2018), 'Wastes of oil drilling: Treatment techniques and their effectiveness', *Green Energy and Technology*, 3-11.
4. Abdou, A.; Bouchala, T.; Benhadda, N.; Abdelhadi, B. & Benoudjit, A. (2018), 'Influence of Conductive Pollution on Eddy Current Sensor Signals', *Russian Journal of Nondestructive Testing* **54**(3), 192-202.
5. Abour, F.; Hannouche, M. & Belksier, M. S. (2018), 'Wastewater treatments and the impact on environment and agriculture: A case city of Annaba (north eastern of Algeria)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
6. Alloui, Z.; Alloui, Y. & Vasseur, P. (2018), 'Control of Rayleigh-Bénard Convection in a Fluid Layer with Internal Heat Generation', *Microgravity Science and Technology*.
7. Almabouada, F. & Aiadi, K. E. (2018), 'Experimental study of a flash-lamp pumped passively Q-switched Nd:YAG laser using Cr⁴⁺:YAG saturable absorber', *International Journal of Engineering, Transactions B: Applications* **31**(11), 1870-1875.
8. Amieur, T.; Taibi, D. & Amieur, O. (2018), 'Voltage oriented control of self-excited induction generator for wind energy system with MPPT', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
9. Amirat, H.; Benslimane, A.; Fournier-Viger, P. & Lagraa, N. (2018), 'LocRec: Rule-based successive location recommendation in LBSN', *IEEE International Conference on Communications* **2018-May**, Institute of Electrical and Electronics Engineers Inc., cited By 1.
10. Ammar, M. A. H.; Benhaoua, B. & Balghouthi, M. (2018), 'Retraction notice to "Simulation of tubular adsorber for adsorption refrigeration system powered by solar energy in sub-Sahara region of Algeria" [Energy Conversion and Management 106 (2015) 31-40 (S0196890415008481) (10.1016/j.enconman.2015.09.013)]', *Energy Conversion and Management* **171**, 1860.
11. Ammar, M. A. H.; Benhaoua, B. & Balghouthi, M. (2018), 'Retraction notice to "Simulation of tubular adsorber for adsorption refrigeration system powered by solar energy in sub-Sahara region of Algeria" [Energy Conversion and Management 106 (2015) 31-40 (S0196890415008481) (10.1016/j.enconman.2015.09.013)]', *Energy Conversion and Management* **177**, 833.
12. Assami, K.; Ladj, R.; Moussaoui, Y.; Yassaa, N. & Meklati, B. Y. (2018), 'Influence of car body repair activities on particulate matter pollution in a suburban area (Bouzarâjah City, Algiers)', *International Journal of Environmental Science and Technology* **15**(5), 1019-1028.
13. Babahani, O.; Hadjadj, S.; Khelfaoui, F.; Kebaili, H. O. & Lemkeddem, S. (2018), 'Monte Carlo

Simulation of Chemical Reactions in Plasma Enhanced Chemical Vapor Deposition: from Microscopic View to Macroscopic Results', *Silicon*, 1-8.

14. Babelhadj, B.; Di Bari, M. A.; Pirisinu, L.; Chiappini, B.; Gaouar, S. B. S.; Riccardi, G.; Marcon, S.; Agrimi, U.; Nonno, R. & Vaccari, G. (2018), 'Prion disease in dromedary camels, Algeria', *Emerging Infectious Diseases* **24**(6), 1029-1036.
15. Badlis, Z.; Hamdi-Aissa, B.; Touil, Y.; Hadj-Mahammed, M. & Amrane, A. (2018), 'Chemical and physical characteristics of dune sand filters after operation', *Desalination and Water Treatment* **114**, 185-191.
16. Ballah, Z. & Khelfaoui, F. (2018), 'Numerical modeling of the electrical properties plasma argon in a RF magnetron sputtering and with Einstein's relation of electron diffusivity', *Journal of King Saud University - Science*.
17. Bechar, S. & Zerrouki, D. (2018), 'Control of cement slurry formulation for an oil well in a critical geological layer', *Green Energy and Technology*, 273-282.
18. Bekkari, N. & Zeddouri, A. (2018), 'Using artificial neural network for predicting and controlling the effluent chemical oxygen demand in wastewater treatment plant', *Management of Environmental Quality: An International Journal*.
19. Beladis, B.; Verheggen, F.; Baba Aissa, N.; Boukraa, S.; Salah Ou Elhadj, B.; Yagoub, L.; Doumandji, S. & Guezoul, O. (2018), 'Premier signalement de *Deudorix livia* (Lepidoptera: Lycanidae) en Algérie: Un ravageur important du grenadier et du palmier dattier', *EPPO Bulletin* **48**(2), 281-286.
20. Belakroum, R.; Gherfi, A.; Kadja, M.; Maalouf, C.; Lachi, M.; El Wakil, N. & Mai, T. H. (2018), 'Design and properties of a new sustainable construction material based on date palm fibers and lime', *Construction and Building Materials* **184**, 330-343.
21. Belkesier, M. S.; Zeddouri, A.; Halassa, Y. & Kechiched, R. (2018), 'Characterization and geostatistical mapping of water salinity: A case study of terminal complex in the Oued Righ Valley (southern Algeria)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
22. Belloufi, A.; Abdelkrim, M.; Rezgui, I.; Arbaoui, M. E. & Tebib, A. (2018), 'Fuzzy inference system for modelling cutting temperature of AISI 1060 Steel in turning operations', *IOP Conference Series: Materials Science and Engineering* **400**(4), in M. Naito; C. Schnakovszky; V. Cohal; E. Oanta; V. Paunoiu; C. Carausu; P. Topala; M. Placzek & D. Nedelcu, ed., , Institute of Physics Publishing, cited By 0.
23. Ben Mya, O.; Houga, S.; Chihouba, F. & Asla, B. (2018), 'Treatment of Algerian crude oil using REB09305 OS demulsifier', *Egyptian Journal of Petroleum*.
24. Benabdesselam, S.; Izza, H.; Lanez, T. & Guechi, E. K. (2018), 'Synthesis, antioxidant and antibacterial activities of 3-nitrophenyl ferrocene', *IOP Conference Series: Materials Science and Engineering* **323**(1), Institute of Physics Publishing, cited By 0.
25. Benbitour, M. A.; Boussaid, C. & Meftah, M. T. (2018), 'Induced Representation of the $(1 + 1)$ -Quantum Extended Galilei Algebra on the Bargmann Space-Time: Induced Representation on Bargmann Space-time', *International Journal of Theoretical Physics* **57**(8), 2475-2484.
26. Benhedid, H. & Bouhoun, M. D. (2018), 'Spatial variation of nitrogen pollution of the water

table at Oued M'Zab (Northern Algerian Sahara)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.

27. Benhellal, B.; Hamerlain, M. & Rahmani, Y. (2018), 'Decoupled Adaptive Neuro-Interval Type-2 Fuzzy Sliding Mode Control Applied in a 3DCrane System', *Arabian Journal for Science and Engineering* **43**(6), 2725-2733.
28. Benkhelifa, R.; Bouhyaoui, N. & Laallam, F. Z. (2018), 'A demographic-based approach for improved content categorization in social networking', *2nd International Conference on Natural Language and Speech Processing, ICNLSP 2018* , Institute of Electrical and Electronics Engineers Inc., cited By 0, 1-5.
29. Benkhelifa, R. & Laallam, F. Z. (2018), 'Opinion Extraction and Classification of Real-Time YouTube Cooking Recipes Comments', *Advances in Intelligent Systems and Computing* **723**, 395-404.
30. Benkhelifa, R. & Laallam, F. Z. (2018), 'Exploring demographic information in online social networks for improving content classification', *Journal of King Saud University - Computer and Information Sciences*.
31. Benkrinah, S. & Benslama, M. (2018), 'Acquisition of PN sequences using multilayer perceptron neural network adaptive processor for multiuser detection in spread-spectrum communication systems', *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields* **31**(1).
32. Benkrinah, S. & Benslama, M. (2018), 'Adaptive double-dwell code acquisition scheme of PN sequences using smart-antenna and automatic censoring techniques', *Wireless Personal Communications* **98**(2), 2187-2210.
33. Benlarbi, D.; Boutaoutaou, D. & Sagga \tilde{A} ⁻, S. (2018), 'Evaluation of infiltration for the determination of palms water needs', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
34. Benlarbi, F.; Stoker, P. & Yousfi, M. (2018), 'Investigation of antioxidant and antihemolytic activities of Algerian defatted olive fruits (*olea europaea* L.) at two ripening stages', *Mediterranean Journal of Nutrition and Metabolism* **11**(3), 217-233.
35. Benseghier-Hadjaidji, F.; Talbi, N. & Derridj, A. (2018), 'Contribution to the study of the zonal variation of the climate aridity in central northern Sahara (Algeria)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
36. Bensid, K.; Samai, D.; Laallam, F. Z. & Meraoumia, A. (2018), 'Deep learning feature extraction for multispectral palmprint identification', *Journal of Electronic Imaging* **27**(3).
37. Benzair, H.; Merad, M. & Boudjedaa, T. (2018), 'Electron propagator with vector and scalar energy-dependent potentials in (2 + 1)-dimensional space-time', *International Journal of Modern Physics A* **33**(32).
38. Benzina, M.; Hebib, H. & Bensalah, M. (2018), 'New insights in late Miocene lower Chelif basin biostratigraphy based on planktonic foraminifera (Algeria)', *Revue de Micropaleontologie*.

39. Bouafia, S.; Benaissa, A.; Barkat, S. & Bouzidi, M. (2018), 'Second order sliding mode control of three-level four-leg DSTATCOM based on instantaneous symmetrical components theory', *Energy Systems* **9**(1), 79-111.
40. Boualati, Y. & Saouli, S. (2018), 'Experimental Study of Hydrogen Production Using Solar Energy in Ouargla (South East Algeria)', *Journal of Solar Energy Engineering, Transactions of the ASME* **140**(3).
41. Bouali, K.; Kadid, F. Z.; Abdessemed, R.; Taleb Ahmed, A. & Toumi, A. (2018), 'Modeling and optimization of the magnetohydrodynamic conduction pump by particle swarm method', *Journal of Applied Fluid Mechanics* **11**(3), 689-694.
42. Boudjema, S.; Zerrouki, M. & Choukchou-Braham, A. (2018), 'Experimental Design for Modeling and Multi-response Optimization of Catalytic Cyclohexene Epoxidation over Polyoxometalates', *Journal of the Chinese Chemical Society* **65**(4), 435-444.
43. Bouhadeb, C. E.; Menani, M. R.; Bouguerra, H. & Derdous, O. (2018), 'Assessing soil loss using GIS based RUSLE methodology. Case of the Bou Namoussa watershed - North-East of Algeria', *Journal of Water and Land Development* **36**(1), 27-35.
44. Boukhelkhal, A. & Bengana, I. (2018), 'Cointegration and causality among electricity consumption, economic, climatic and environmental factors: Evidence from North -Africa region', *Energy* **163**, 1193-1206.
45. Boulkenafet, Z.; Komulainen, J.; Akhtar, Z.; Benlamoudi, A.; Samai, D.; Bekhouche, S. E.; Ouafi, A.; Dornaika, F.; Taleb-Ahmed, A.; Qin, L.; Peng, F.; Zhang, L. B.; Long, M.; Bhilare, S.; Kanhangad, V.; Costa-Pazo, A.; Vazquez-Fernandez, E.; PÁ©rez-Cabo, D.; Moreira-PÁ©rez, J. J.; GonzÁlez-JimÁ©nez, D.; Mohammadi, A.; Bhattacharjee, S.; Marcel, S.; Volkova, S.; Tang, Y.; Abe, N.; Li, L.; Feng, X.; Xia, Z.; Jiang, X.; Liu, S.; Shao, R.; Yuen, P. C.; Almeida, W. R.; AndalÁ³, F.; Padilha, R.; Bertocco, G.; Dias, W.; Wainer, J.; Torres, R.; Rocha, A.; Angeloni, M. A.; Folego, G.; Godoy, A. & Hadid, A. (2018), 'A competition on generalized software-based face presentation attack detection in mobile scenarios', *IEEE International Joint Conference on Biometrics, IJCB 2017 2018-January*, Institute of Electrical and Electronics Engineers Inc., cited By 3, 688-696.
46. Bourek, Y.; Mâ€™Ziou, N. & Benguesmia, H. (2018), 'Prediction of Flashover Voltage of High-Voltage Polluted Insulator Using Artificial Intelligence', *Transactions on Electrical and Electronic Materials* **19**(1), 59-68.
47. Chaa, M.; Boukezzoula, N.-E. & Meraoumia, A. (2018), 'Features-Level Fusion of Reflectance and Illumination Images in Finger-Knuckle-Print Identification System', *International Journal on Artificial Intelligence Tools* **27**(3).
48. Charif, F.; Benchabane, A. & Bennia, A. (2018), 'A Simplified Architecture of the Zhang Neural Network for Toeplitz Linear Systems Solving', *Neural Processing Letters* **47**(2), 391-401.
49. Charrouf, O.; Betka, A.; Becherif, M. & Tabanjat, A. (2018), *Techno-economic Analysis of Wind Turbines in Algeria*, Walter de Gruyter GmbH.
50. Cheriet, A. & Santana, R. (2018), 'Modeling dependencies between decision variables and objectives with copula models', *GECCO 2018 Companion - Proceedings of the 2018 Genetic and Evolutionary Computation Conference Companion*, Association for Computing Machinery, Inc, cited By 0, 175-176.
51. Cherifa, B.; Oumelkheir, S. & Amar, E. (2018), 'Influence of feeding on some physicochemical

and biochemical characteristics of camel milk (*Camelus dromadarius*), *Emirates Journal of Food and Agriculture* **30**(4), 251-255.

52. Cherrad, N. (2018), 'Conditioning of hydrogen storage by continuous solar adsorption in activated carbon AX-21 with simultaneous production', *International Journal of Hydrogen Energy*.
53. Cherrad, N. & Benchabane, A. (2018), 'Interactive process to control the evaporating temperature of refrigerant for solar adsorption cooling machine with new correlation', *International Journal on Interactive Design and Manufacturing* **12**(2), 473-479.
54. Cherrad, N.; Benchabane, A.; Sedira, L. & Rouag, A. (2018), 'Transient numerical model for predicting operating temperatures of solar adsorption refrigeration cycle', *Applied Thermal Engineering* **130**, 1163-1174.
55. Darling, W. G.; Sorensen, J. P. R.; Newell, A. J.; Midgley, J. & Benhamza, M. (2018), 'The age and origin of groundwater in the Great Western Erg sub-basin of the North-Western Sahara aquifer system: Insights from Krechba, central Algeria', *Applied Geochemistry* **96**, 277-286.
56. Dehliz, A.; Lakhdari, W.; Acheuk, F.; Aoudjit, R.; Benlamoudi, W.; Mlik, R.; Hammi, H.; Chergui, S.; Guermit, K. & Matallah, S. (2018), 'Euphorbia guyoniana aqueous extract efficiency against tomato leaf miner in southern East Algeria', *Organic Agriculture* **8**(4), 349-354.
57. Djaadi, S.; Eddine Aiadi, K. & Mahtout, S. (2018), 'First principles study of structural, electronic and magnetic properties of SnGen (0, ± 1) (n = 1-17) clusters', *Journal of Semiconductors* **39**(4).
58. Djemil, W.; Hannouche, M. & Belksier, M. S. (2018), 'Reuse of treated wastewater in agriculture: Physicochemical quality and environmental risks. Case of wastewater treatment plant of Baraki and Beni Messous. Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
59. Djili, B. & Hamdi-Aïssa, B. (2018), 'Characteristics and mineralogy of desert alluvial soils: Wadi Zegrir, Northern Sahara of Algeria', *Arid Land Research and Management* **32**(1), 1-19.
60. Djouza, L. & Chehma, A. (2018), 'Production characteristics of Arabia goats in Biskra Wilayah, Algeria', *Livestock Research for Rural Development* **30**(7).
61. Douak, M.; Aouachria, Z.; Rabehi, R. & Allam, N. (2018), 'Wind energy systems: Analysis of the self-starting physics of vertical axis wind turbine', *Renewable and Sustainable Energy Reviews* **81**, 1602-1610.
62. Drid, M. M.; Dokkar, B.; Dokkar, A.; Settou, N. & Chennouf, N. (2018), 'Effect of isolator plates on telecom shelter', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
63. Eddoud, A.; Buisson, E.; Achour, L.; Guediri, K.; Bissati, S. & Abdelkrim, H. (2018), 'Changes in weed species composition in irrigated agriculture in Saharan Algeria', *Weed Research* **58**(6), 424-436.
64. Fatnassi, S.; Abidi-Saad, A.; Ben Maad, R. & Polidori, G. (2018), 'Numerical study of spacing and alternation effects of parietal heat sources on natural convection flow in a DSF-channel:

application to BIPV', *Heat and Mass Transfer/Waerme- und Stoffuebertragung* **54**(12), 3617-3629.

65. Fellah, L.; Diha, A. & Boumerzoug, Z. (2018), 'Microstructural study and recrystallization kinetics of deformed commercial copper wires', *Acta Metallurgica Slovaca* **24**(1), 32-42.
66. Fergougui, M. M. E.; Benyamina, H. & Boutoutaou, D. (2018), 'Abacus to determine soils salinity in presence of saline groundwater in arid zones case of the region of Ouargla', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
67. Gasmi, A. & Amara, A. (2018), 'Free-surface profile of a jet flow in U-shaped channel without gravity effects', *Advanced Studies in Contemporary Mathematics (Kyungshang)* **28**(3), 393-400.
68. Ghazi, C.; Si Bachir, A.; Santoul, F. & CÃ©rÃ©ghino, R. (2018), 'Potential ectoparasites of the endemic Mediterranean banded killifish (*Aphanius fasciatus*, Valenciennes, 1821) of the northern Sahara (Algeria)', *Iranian Journal of Fisheries Sciences* **17**(2), 435-442.
69. Ghezal, A. & Chacha, D. A. (2018), 'Justification and solvability of dynamical contact problems for generalized Marguerreâ€™ von KÃ©rmÃ©n shallow shells', *ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik* **98**(5), 749-780.
70. Gougui, A.; Djafour, A.; Khelfaoui, N. & Boutelli, H. (2018), 'Empirical models validation to estimate global solar irradiance on a horizontal plan in Ouargla, Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
71. Guebailia, M. & Ouelaa, N. (2018), 'Free vibration of a multi-span road bridge supported by point elastic supports', *Lecture Notes in Mechanical Engineering*(207169), 91-96.
72. Guermit, T.; Settou, N. & Gualous, H. (2018), 'Experimental investigations on condensation of steam in microchannels', *Green Energy and Technology*, 333-343.
73. Hadj, A. E.; Noureddine, S.; Mabrouk, D. M.; Belkhir, N. & Soumia, R. (2018), 'Experimental investigation of a small solar chimney in the south of Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
74. Hadjoudj, M.; Souttou, K. & Doumandji, S. (2018), 'The diversity of arthropods community in dunes and a palm grove (*Phoenix dactylifera*) in the Touggourt region (Septentrionale Sahara)', *International Journal of Tropical Insect Science*.
75. Halassa, Y.; Zeddouri, A.; Mouhamadou, O. B.; Kechiched, R. & Benhamida, A. S. (2018), 'Hydrogeological study of the aquifer system of the northern Sahara in the Algero-Tunisian border: A case study of Oued Souf region', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
76. Hamrouni, L.; Bensaci, R.; Kherfi, M. L.; Khaldi, B. & Aiadi, O. (2018), 'Automatic Recognition of Plant Leaves Using Parallel Combination of Classifiers', *IFIP Advances in Information and Communication Technology* **522**, 597-606.
77. Harrat, M.; Benalia, M.; Gourine, N. & Yousfi, M. (2018), 'Variability of the chemical compositions of fatty acids, tocopherols and lipids antioxidant activities, obtained from the leaves of *Pistacia lentiscus* L. growing in Algeria', *Mediterranean Journal of Nutrition and*

Metabolism **11**(2), 199-215.

78. Helal, Y. & Boumerzoug, Z. (2018), 'Pin diameter effect on microstructure and mechanical properties of dissimilar friction stir lap welding aluminum alloy 6061-T6 to dual phase steel', *Acta Metallurgica Slovaca* **24**(2), 163-173.
79. Houari, I. M.; Nezli, I. E. & Belksier, M. S. (2018), 'Groundwater geochemistry of a Mio-Pliocene aquifer in the northeastern Algerian Sahara (Djamaa region)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
80. Izza, H.; Abdessalam, S. B.; Bouida, M. & Haddad, A. (2018), 'Recycling of used motor oil as an alternative method for production feedstock for the conversion processes', *Petroleum Science and Technology* **36**(19), 1511-1515.
81. Izza, H.; Ben Abdessalam, S. & Korichi, M. (2018), 'Effect of surfactant on single drop mass transfer for extraction of aromatics from lubricating oils', *IOP Conference Series: Materials Science and Engineering* **323**(1), Institute of Physics Publishing, cited By 0.
82. Kafı, M. R.; Chaoui, H. & Miah, S. (2018), 'Twin-rotor MIMO system and its control using interval type-2 fuzzy logic', *Proceedings - 2017 IEEE 5th International Symposium on Robotics and Intelligent Sensors, IRIS 2017 2018-January*, Institute of Electrical and Electronics Engineers Inc., cited By 0, 330-335.
83. Kechiched, R.; Laouar, R.; Bruguier, O.; Salmi-Laouar, S.; Kocsis, L.; Bosch, D.; Fougou, A.; Ameer-Zaimeche, O. & Larit, H. (2018), 'Glaucinite-bearing sedimentary phosphorites from the TÃ©bessa region (eastern Algeria): Evidence of REE enrichment and geochemical constraints on their origin', *Journal of African Earth Sciences* **145**, 190-200.
84. Kezzar, M.; Tabet, I.; Chieul, M.; Nafir, N. & Khentout, A. (2018), 'Analytical investigation of heat transfer of solar air collector by Adomian decomposition method', *Mathematical Modelling of Engineering Problems* **5**(1), 40-45.
85. Khaldi, A. (2018), 'Diffie-hellman key exchange through steganographed images', *Revista de Direito, Estado e Telecomunicacoes* **10**(1), 147-160.
86. Khallef, S.; Lestini, R.; Myllykallio, H. & Houali, K. (2018), 'Isolation and identification of two extremely halophilic archaea from sebkhas in the Algerian Sahara', *Cellular and Molecular Biology* **64**(4), 83-91.
87. Khechekhouche, E.; Brahmi, K.; Kerboub, A.; Slimani, S.; Bissati, S.; Doumandji, S. & Aulagnier, S. (2018), 'Seasonal variation of the diet of the Fennec fox, *Vulpes zerda* (Canidae, Carnivora), in Algeria [Variations saisonniÃ¨res du rÃ©gime alimentaire du fennec, *vulpes zerda* (Canidae, Carnivora), en AlgÃ©rie]', *Revue d'Ecologie (La Terre et la Vie)* **73**(2), 103-114.
88. Khoualdi, T.; Rouabah, M. S.; Bouraoui, M.; Abidi-Saad, A. & Polidori, G. (2018), 'Free convection heat transfer in an inclined channel asymmetrically heated in laminar regime', *International Journal of Heat and Technology* **36**(3), 1140-1147.
89. Korichi, M.; Kherfi, M. L.; Batouche, M. & Bouanane, K. (2018), 'Extended Bayesian generalization model for understanding userâ€™s intention in semantics based images retrieval', *Multimedia Tools and Applications* **77**(23), 31115-31138.
90. Korichi, M.; Kherfi, M. L.; Batouche, M.; Kaoudja, Z. & Bencheikh, H. (2018), 'Understanding

Userâ€™s Intention in Semantic Based Image Retrieval: Combining Positive and Negative Examples', *IFIP Advances in Information and Communication Technology* **522**, 66-77.

91. Lahmadi, A.; Terrissa, L. & Zerhouni, N. (2018), 'A data-driven method for estimating the remaining useful life of a composite drill pipe', *2018 International Conference on Advanced Systems and Electric Technologies, IC_ASET 2018*, in N. Machta; A. Ben Amor & S. Elloumi, ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0, 192-195.
92. Lakhdari, W.; Dehliz, A.; Mlik, R.; Hammi, H.; Benlamoudi, W.; Acheuk, F. & Doumandji-Mitiche, B. (2018), 'Inhibitory effect of *Trichoderma harzianum* on mycelial growth of *Fusarium oxysporum* f. sp. *radicis-lycopersici* and *Alternaria solani*', *Organic Agriculture* **8**(3), 225-230.
93. Lamini, A. & Hacini, M. (2018), 'Geology and geochemistry of endoroique basin case of Baghdad chott southern of Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
94. Lanez, T.; Benaicha, H.; Lanez, E. & Saidi, M. (2018), 'Electrochemical, spectroscopic and molecular docking studies of 4-methyl-5-((phenylimino)methyl)-3H- and 5-(4-fluorophenyl)-3H-1,2-dithiole-3-thione interacting with DNA', *Journal of Sulfur Chemistry* **39**(1), 76-88.
95. Lemkeddem, S.; Khelfaoui, F. & Babahani, O. (2018), 'Calculation of energy lost by radiation and convection during laser welding of TA6V titanium alloy', *Journal of Theoretical and Applied Physics* **12**(2), 113-120.
96. Louazene, H.; Challal, M. & Boulakroune, M. (2018), 'Compact UWB BPF with notch-band using SIR and DGS', *International Journal of High Performance Computing and Networking* **11**(2), 167-172.
97. Loubna, D. & Abdelmadjid, C. (2018), 'Phenotypic characterization of Arbia goat population in South-Eastern Algeria [Caractéristiques phénotypiques de la chèvre « Arbia » élevée dans le Sud-Est Algérien]', *Revista Electronica de Veterinaria* **19**(5).
98. MAHROUG, A.; M. A. R. I., B.; MOLLAR, M.; BOUDJADAR, I.; GUERBOUS, L.; HENNI, A. & SELMI, N. (2018), 'STUDIES ON STRUCTURAL, SURFACE MORPHOLOGICAL, OPTICAL, LUMINESCENCE AND UV PHOTODETECTION PROPERTIES OF SOL-GEL Mg-DOPED ZnO THIN FILMS', *Surface Review and Letters*.
99. Mammeri, M. (2018), 'Precise long-term prediction of behavior in a 3-D chaotic map', *Journal of Engineering and Applied Sciences* **13**(13), 4859-4865.
100. Mancor, H. & Bouhoun, M. D. (2018), 'Effect of irrigation water salinity on the organic carbon mineralization in soil (laboratory incubation)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
101. Marif, Y.; Chiba, Y.; Belhadj, M. M.; Zerrouki, M. & Benhammou, M. (2018), 'A clear sky irradiation assessment using a modified Algerian solar atlas model in Adrar city', *Energy Reports* **4**, 84-90.
102. Medjber-Teguig, T.; Kadik, L.; Boumarar, B. & Nouar, M. (2018), 'Evaluation of floristic diversity in palm groves (*Phoenix dactylifera*) of Ouargla region (northern algerian Sahara) according to different maintenance levels [Evaluation de la diversité floristique en palmeraies (*Phoenix dactylifera*) de la région d'Ouargla (Sahara septentrional algérien)]

suivant les différents niveaux d'entretien]', *Tropicultura* **36**(1), 33-42.

103. Meftah, M. T.; Arif, K.; Chenini, K.; Touati, K. A. & Douis, S. (2018), 'Contribution of Lienard-Wiechert Potential to the electron broadening of spectral lines in plasmas', *Atoms* **6**(1).
104. Meftah, M. T.; Gossa, H.; Touati, K. A.; Chenini, K. & Naam, A. (2018), 'Doppler broadening of spectral line shapes in relativistic plasmas', *Atoms* **6**(2).
105. Meghni, B.; Dib, D.; Azar, A. T. & Saadoun, A. (2018), 'Effective supervisory controller to extend optimal energy management in hybrid wind turbine under energy and reliability constraints', *International Journal of Dynamics and Control* **6**(1), 369-383.
106. Mehani, I. & Bouchekima, B. (2018), 'Bioethanol production from renewable sources as alternative valorization of waste of starting dates in south Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 1.
107. Mehdid, C.-E.; Benchabane, A.; Rouag, A.; Moumami, N.; Melhegueg, M.-A.; Moumami, A.; Benabdi, M.-L. & Brima, A. (2018), 'Thermal design of Earth-to-air heat exchanger. Part II a new transient semi-analytical model and experimental validation for estimating air temperature', *Journal of Cleaner Production* **198**, 1536-1544.
108. Menasra, H.; Necira, Z.; Bounabe, K.; Abba, M.; Meklid, A. & Boutarfaia, A. (2018), 'Structural and electrical characterization of La³⁺ substituted PMS-PZT (Zr/Ti:60/40) ceramics', *Materials Science- Poland* **36**(1), 1-6.
109. Miloudi, A. & Remini, B. (2018), 'Water resources between conditions of quality and quantity in the Oued Souf region!', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
110. Mohamed, Z.; Ridha, O. M.; Eddine, L. S. & Rebiai, A. (2018), 'Phenolic content, Antioxidant and Antibacterial activities of peel extract from Punica Granatum L.', *Research Journal of Chemistry and Environment* **22**(4), 9-15.
111. Mohammed, K. (2018), *What if the USSR comes back to life once again?: Measuring CINC index of Commonwealth of Independent States (CIS)*, IGI Global.
112. Mokhtari, A.; Kriker, A.; Ouaggad, H. & Merad, N. (2018), 'Formulation and characterization of date palm fibers mortar by addition of silica fume', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
113. Mouassa, S.; Chaab, S.; Moulla, A. S.; Zaagane, M. & Brahmia, N. (2018), 'Chemical characterization and assessment of surface waters' suitability for irrigation in the mid-Seybouse wadi plain (North-Eastern Algeria)', *Management of Environmental Quality: An International Journal* **29**(1), 109-130.
114. Negrou, B.; Rahmouni, S.; Settou, N. & Chennouf, N. (2018), 'Inverse design method of wind turbine in solar chimney power plants coupled with geothermal energy', *Green Energy and Technology*, 159-170.
115. Nettari, K.; Boutoutaou, D. & Rezagui, D. (2018), 'A proposal for a separative network to evacuate drainage waters and pluvial waters of stagnation in arid zones (Ain Sahra locality, Touggourt, Algeria)', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J.

Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.

116. Ouarfli, L. & Chehma, A. (2018), 'Temperature-humidity index and success of artificial insemination of holstein and montbÃ©liarde cows in the Saharan region [Index tempÃ©rature-humiditÃ© et rÃ©ussite de lâ€™insÃ©mination artificielle de vaches laityÃ©res Holsteins et MontbÃ©liardes en region saharienne]', *Livestock Research for Rural Development* **30**(10).
117. Rahmane, A.; Benmansour, T.; Bouakba, M. & Meddour, I. (2018), 'Factors influencing the effect of attached mass on dynamic behavior of laminate composite plates using Taguchi technique', *Journal of the Brazilian Society of Mechanical Sciences and Engineering* **40**(2).
118. Rahmane, A. & Bentafat, A. (2018), 'Reality and prospect of electricity production from renewable energies in Arab countries: Analytical study (1990â€”2017)', *International Journal of Energy Economics and Policy* **8**(6), 39-47.
119. Ramanna, L.; Rawat, I.; Zerrouki, D. & Bux, F. (2018), 'A novel organic dye-based approach to increase photon flux density for enhanced microalgal pigment production', *Journal of Cleaner Production* **198**, 187-194.
120. Rebai, S.; Belloufi, A.; Abdelkrim, M.; Rezgui, I.; Baci, I. & Beladjal, B. (2018), 'Fuzzy inference system for modelling machining parameters in electrical discharge machining', *IOP Conference Series: Materials Science and Engineering* **400**(4), in M. Naito; C. Schnakovszky; V. Cohal; E. Oanta; V. Paunoiu; C. Carausu; P. Topala; M. Placzek & D. Nedelcu, ed., , Institute of Physics Publishing, cited By 0.
121. Redjil, I. & Abadi, D. (2018), 'The reliability of research work in the absence of theoretical bases [La fiabilitÃ© dâ€™un travail de recherche en absence de bases thÃ©oriques]', *XLinguae* **11**(1XL), 310-321.
122. Rehouma, F. & Bentouila, O. (2018), 'Special glass for silver-sodium ion exchanged waveguides', *Journal of King Saud University - Science*.
123. Rezig, D. & Bentabba, M. T. (2018), 'Study of the activity of the local adding [ash from palm plantation wastes]', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
124. Rezoug, M. R.; Chenni, R. & Taibi, D. (2018), 'Fuzzy logic-based perturb and observe algorithm with variable step of a reference voltage for solar permanent magnet synchronous motor drive system fed by direct-connected photovoltaic array', *Energies* **11**(2).
125. Rouag, A.; Benchabane, A. & Mehdid, C.-E. (2018), 'Thermal design of Earth-to-Air Heat Exchanger. Part I a new transient semi-analytical model for determining soil temperature', *Journal of Cleaner Production* **182**, 538-544.
126. Saba, D.; Berbaoui, B.; Degha, H. E. & Laallam, F. Z. (2018), 'A generic optimization solution for hybrid energy systems based on agent coordination', *Advances in Intelligent Systems and Computing* **639**, 527-536.
127. Saba, D.; Degha, H. E.; Berbaoui, B.; Laallam, F. Z. & Maouedj, R. (2018), 'Contribution to the modeling and simulation of multiagent systems for energy saving in the habitat', *Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017* **2018-January**, Institute of Electrical and Electronics Engineers Inc.,

cited By 2, 204-208.

128. Saba, D.; Degha, H. E.; Berbaoui, B. & Maouedj, R. (2018), 'Development of an Ontology Based Solution for Energy Saving Through a Smart Home in the City of Adrar in Algeria', *Advances in Intelligent Systems and Computing* **723**, 531-541.
129. Sagga, S. & Bachi, O. E. K. (2018), 'Evaporation Reduction from Water Reservoirs in Arid Lands Using Monolayers: Algerian Experience', *Water Resources* **45**(2), 280-288.
130. Said, S.; Noureddine, G.; Eddine, L. S.; Abdelmadjid, G.; Djamel, B. & Tliba, A. (2018), 'Phenolic content, HPLC analysis and antioxidant activity extract from *Tamarix gallica* and *Tamarix articulata* growing in Southeast of Algeria', *Research Journal of Chemistry and Environment* **22**(12), 90-98.
131. Salhi, K.; Korichi, M. & Ramadan, K. M. (2018), '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]', *International Journal of Refrigeration* **94**, 214-229.
132. Samai, D.; Meraoumia, A.; Bendjenna, H. & Laimeche, L. (2018), 'Oriented Local Binary Pattern (LBP_O): A new scheme for an efficient feature extraction technique', *Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017 2018-January*, Institute of Electrical and Electronics Engineers Inc., cited By 0, 155-161.
133. Sandali, M.; Boubekri, A. & Mennouche, D. (2018), 'Thermal behavior modeling of a cabinet direct solar dryer as influenced by sensible heat storage in a fractured porous medium', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
134. Sellami, I.; Manescau, B.; Chetehouna, K.; de Izarra, C.; Nait-Said, R. & Zidani, F. (2018), 'BLEVE fireball modeling using Fire Dynamics Simulator (FDS) in an Algerian gas industry', *Journal of Loss Prevention in the Process Industries* **54**, 69-84.
135. Sellami, I.; Nait-Said, R.; Chetehouna, K.; de Izarra, C. & Zidani, F. (2018), 'Quantitative consequence analysis using Sedov-Taylor blast wave model. Part II: Case study in an Algerian gas industry', *Process Safety and Environmental Protection* **116**, 771-779.
136. Sellami, I.; Nait-Said, R.; de Izarra, C.; Chetehouna, K. & Zidani, F. (2018), 'Quantitative consequence analysis using Sedov-Taylor blast wave model. Part I: Model description and validation', *Process Safety and Environmental Protection* **116**, 763-770.
137. Siboukeur, A. & Bouhoun, M. D. (2018), 'Spatio-temporary diagnosis of hydro-halormorphia in the Algerian southeast: The case of soils palm groves of the Ksar of Ouargla', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
138. Tidjani, Z.; Meraoumia, A.; Chitroub, S. & Ben sid, K. (2018), 'New feature extraction approach based on adaptive fuzzy systems for reliable biometric identification', *Advances in Intelligent Systems and Computing* **753**, 210-222.
139. Touati, K.; Chenini, K. & Meftah, M. T. (2018), 'Spectral line shapes in magnetized plasmas: Stark effect in motion [Profils de raies spectrales dans les plasmas magnétisés: Stark effect in motion]', *Journal of Plasma Physics* **99**, 1-12.

Effet Stark motionnel]', *Canadian Journal of Physics* **96**(3), 241-248.

140. Yacine, K.; Yacine, M.; Georges, S. & Gauthier, E. (2018), 'Determination of PCDD/Fs and dl-PCBs in ash and particle samples generated by an incineration plant for hospital and industrial waste in Northern of Algeria', *Atmospheric Pollution Research* **9**(5), 968-975.
141. Zeddouri, A.; Elkheir, A. B.; Hadj-Said, S.; Taupin, J.-D.; Leduc, C. & Patris, N. (2018), 'Analysis and interpretation of electrical resistivity tomography data of alluvial aquifer of Tamanrasset Southern Algeria', *AIP Conference Proceedings* **1968**, in A. R. Jabur; Salame C.-T.; A. J. Haider; M. Aillerie; P. Papageorgas & G. Vokas, ed., , American Institute of Physics Inc., cited By 0.
142. Zerrouki, M.; Boudjema, S.; Choukchou-Braham, A. & Rekkab-Hammoumraoui, I. (2018), 'Synthesis, characterization and optimization of heterogeneous catalytic cyclohexene oxidation by tungstophospho(aqua)ruthenate via the fractional factorial design methodology', *New Journal of Chemistry* **42**(19), 16287-16296.
143. Zighmi, S.; Goudjil, M. B.; Bencheikh, S. E. & Ladjel, S. (2018), 'The valorization of the green alga *Spirogyra*™s biomass in the region of Ouargla-Algeria into renewable biofuel', *Green Energy and Technology*, 157-164.
144. Zighmi, S.; Goudjil, M. B.; Bencheikh, S. E. & Ladjel, S. (2018), 'Biodiesel production by transesterification of recycled vegetable oils', *Green Energy and Technology*, 183-195.
145. Zitouni, F. & Maamri, R. (2018), 'FA-SETPOWER-MRTA: A Solution for Solving the Multi-Robot Task Allocation Problem', *IFIP Advances in Information and Communication Technology* **522**, 317-328.
146. Zitouni, F. & Maamri, R. (2018), 'Cooperative learning-agents for task allocation problem', *Advances in Intelligent Systems and Computing* **725**, 952-968.
147. Zouaouid, K. & Gheriani, R. (2018), 'Mineralogical Analysis of Sand Roses and Sand Dunes Samples from Two Regions of South Algeria', *Silicon*.