Publications de l'Université du 31/10/2019

Affiliation name: Université Mohamed Khider, Biskra
Scopus affiliation ID: 60069895
Publications Number : **2361**
Publication Authors : **984**

1. Citations SCOPUS :

Plus de **11000** citations in SCOPUS Profiles
- +2046 citations en 2019
- +1841 citations en 2018
- +1366 citations en 2017
- + 996 citations en 2016

2. Citations in Google Scholar profiles (July 2019):

Plus de **31198** Citations in Google Scholar profiles (classement citations **02**^{ème} **national**)
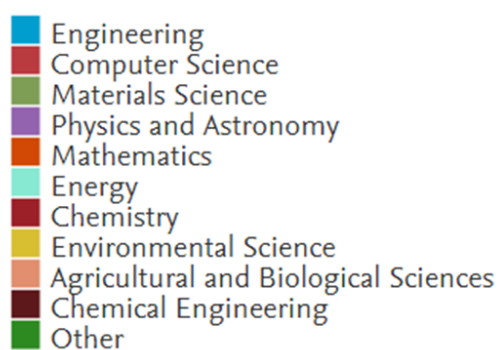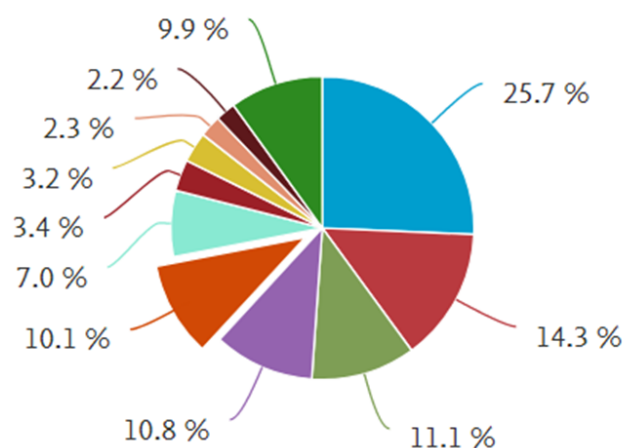
3. Publications SCOPUS 2020 – 2016 :

Subject Areas	Documents
2020	09
2019	254
2018	267
2017	292
2016	219
2015	239

4. Subject areas Documents :

Subject Areas	Documents	%
Engineering	1118	25.70
Computer Science	622	14.30
Materials Science	485	11.10
Physics and Astronomy	468	10.80
Mathematics	440	10.10
Energy	306	07.00
Chemistry	146	03.40
Environmental Science	140	03.20
Agricultural and Biological Sciences	101	02.30
Chemical Engineering	94	02.20
Earth and Planetary Sciences	84	09.90
Decision Sciences	65	
Business, Management and Accounting	58	
Biochemistry, Genetics and Molecular Biology	57	

Others	169	

Université Mohamed Khider, Biskra

5. Publications types :

Document Type	Documents	%
Article	1527	65.00
Conference Paper	726	31.00
Book Chapter	40	01.70
Review	27	01.14
Editorial	03	00.13
Note	02	0.08
Short Survey	02	0.08
Letter	01	0.04
Undefined	30	01.27

6. Publications 2020 :

1. Ghamri, A.; Boumaaraf, R.; Benchouia, M. T.; Mesloub, H.; Goléa, A. & Goléa, N. (2020), 'Comparative study of ANN DTC and conventional DTC controlled PMSM motor', Mathematics and Computers in Simulation 167, 219-230.

2. Charrouf, O.; Betka, A.; Abdeddaim, S. & Ghamri, A. (2020), 'Artificial Neural Network power manager for hybrid PV-wind desalination system', Mathematics and Computers in Simulation 167, 443-460.

3. Maamir, M.; Charrouf, O.; Betka, A.; Sellali, M. & Becherif, M. (2020), 'Neural network power management for hybrid electric elevator application', Mathematics and Computers in Simulation 167, 155-175.

4. Manachou, M.; Gouid, Z.; Almi, Z.; Belaidi, S.; Boughdiri, S. & Hochlaf, M. (2020), 'Pyrazolo[1,5-a][1,3,5]triazin-2-thioxo-4-ones derivatives as thymidine phosphorylase inhibitors: Structure, drug-like calculations and quantitative structure-activity relationships (QSAR) modeling', Journal of Molecular Structure 1199.

5. Mesloub, H.; Benchouia, M. T.; Boumaaraf, R.; Goléa, A.; Goléa, N. & Becherif, M. (2020), 'Design and implementation of DTC based on AFLC and PSO of a PMSM', Mathematics and Computers in Simulation 167, 340-355.

6. Mesloub, H.; Boumaaraf, R.; Benchouia, M. T.; Goléa, A.; Goléa, N. & Srairi, K. (2020), 'Comparative study of conventional DTC and DTC_SVM based control of PMSM motor â€" Simulation and experimental results', Mathematics and Computers in Simulation 167, 296-307.

7. Saadi, R.; Hammoudi, M. Y.; Kraa, O.; Ayad, M. Y. & Bahri, M. (2020), 'A robust control of a 4-leg floating interleaved boost converter for fuel cell electric vehicle application', Mathematics and Computers in Simulation 167, 32-47.

8. Sellali, M.; Betka, A. & Djerdir, A. (2020), 'Power management improvement of hybrid energy storage system based on H âˆž control', Mathematics and Computers in Simulation 167, 478-494.

9. Soltani, M.; Zarzour, H.; Babahenini, M. C. & Chemam, C. (2020), 'An Affective Tutoring System for Massive Open Online Courses', Smart Innovation, Systems and Technologies 146, 202-211.

7. Publications 2019 :

1. Abdallah, A. & Zineb, A. (2019), 'Adaptive Non-linear Diffusion Based Local Binary Pattern for Image Denoising', Proceedings of the 2018 International Conference on Applied Smart Systems, ICASS 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

2. Abdeddaim, M.; Ounis, A.; Bharti, S. D. & Shrimali, M. K. (2019), 'Seismic retrofitting using the concept of coupling two adjacent buildings', Lecture Notes in Civil Engineering 12, 355-363.

3. Abdellatif, S.; Tibermacine, O. & Bachir, A. (2019), 'Service Discovery in the Internet of Things: A Survey', Lecture Notes in Networks and Systems 64, 60-74.

4. Agram, N. (2019), 'Dynamic risk measure for BSVIE with jumps and semimartingale issues', Stochastic

Analysis and Applications 37(3), 361-376.

5. Agram, N. & Ã˜ksendal, B. (2019), 'Model uncertainty stochastic mean-field control', Stochastic Analysis and Applications 37(1), 36-56.

6. Agram, N.; Ã˜ksendal, B. & Yakhlef, S. (2019), 'New approach to optimal control of stochastic Volterra integral equations', Stochastics 91(6), 873-894.

7. Agram, N.; Bachouch, A.; Ã˜ksendal, B. & Proske, F. (2019), 'Singular control optimal stopping of memory mean-field processes', SIAM Journal on Mathematical Analysis 51(1), 450-468.

8. Ahmed, M.; Okba, K.; Abdelbasset, B. & Mouadh, B. (2019), 'Security model based mobile agent for mobile ad hoc networks', International Journal of Communication Networks and Distributed Systems 22(1), 36-54.

9. Akrour, D. & Djedi, N. (2019), 'Damage recovery for simulated modular robots through joint evolution of morphologies and controllers', Journal of Automation, Mobile Robotics and Intelligent Systems 13(1), 15-19.

10. Allag, M.; Allag, A.; Zeghib, O. & Hamidani, B. (2019), 'Robust Hâˇž Control Based on the Mean Value Theorem for Induction Motor Drive', Journal of Control, Automation and Electrical Systems 30(5), 657-665.

11. Ameur, B.; Belahcene, M.; Masmoudi, S. & Ben Hamida, A. (2019), 'Hybrid descriptors and Weighted PCA-EFMNet for Face Verification in the Wild', International Journal of Multimedia Information Retrieval.

12. Ammar, A. (2019), 'Performance improvement of direct torque control for induction motor drive via fuzzy logic-feedback linearization: Simulation and experimental assessment', COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering 38(2), 672-692.

13. Ammar, A.; Bourek, A. & Benakcha, A. (2019), 'Robust load angle direct torque control with SVM for sensorless induction motor using sliding mode controller and observer', International Journal of Computer Aided Engineering and Technology 11(1), 14-34.

14. Ammar, A.; Kheldoun, A.; Metidji, B.; Talbi, B.; Ameid, T. & Azzoug, Y. (2019), 'An Experimental Assessment of Direct Torque Control and Model Predictive Control Methods for Induction Machine Drive', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 1.

15. Ammar, A.; Talbi, B.; Ameid, T.; Azzoug, Y. & Kerrache, A. (2019), 'Predictive direct torque control with reduced ripples for induction motor drive based on T-S fuzzy speed controller', Asian Journal of Control 21(4), 2155-2166.

16. Ammari, A. & Saouli, R. (2019), 'Omnet++ simulation of facial nerve monitoring in real time neurosurgery based on WBAN', Advances in Intelligent Systems and Computing 914, 14-26.

17. Aoudia, I.; Benharzallah, S.; Kahloul, L. & Kazar, O. (2019), 'Service composition approaches for internet of things: A review', International Journal of Communication Networks and Distributed Systems 23(2), 194-230.

18. Aoumria, M.; Malika, T. & Abderrahmane, S. (2019), 'Biocontrol potential of non-pathogenic Fusarium oxysporum in controlling date palm fusarium wilt disease', Biopesticides International 15(1), 5-13.

19. Ayat, L.; Nour, S. & Meftah, A. (2019), 'Comparative study of a pin homojunction a-Si:H solar cell', Journal of Ovonic Research 15(1), 89-94.

20. Aziez, M.; Benharzallah, S. & Bennoui, H. (2019), 'A full comparison study of service discovery approaches for internet of things', International Journal of Pervasive Computing and Communications 15(1), 30-56.

21. Azri, F.; Meftah, A.; Sengouga, N. & Meftah, A. (2019), 'Electron and hole transport layers optimization by numerical simulation of a perovskite solar cell', Solar Energy 181, 372-378.

22. Baali, F.; Boumerfeg, S.; Napoli, E.; Boudjelal, A.; Righi, N.; Deghima, A.; Baghiani, A. & Ruberto, G. (2019), 'Chemical Composition and Biological Activities of Essential Oils from Two Wild Algerian Medicinal Plants: Mentha pulegium L. and Lavandula stoechas L', Journal of Essential Oil-Bearing Plants 22(3), 821-837.

23. Bacha, S.; Ayad, M. Y.; Saadi, R.; Kraa, O.; Aboubou, A. & Hammoudi, M. Y. (2019), 'Autonomous Vehicle Path Tracking Using Nonlinear Steering Control and Input-Output State Feedback Linearization.', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

24. Bahlali, K.; Mezerdi, M. A. & Mezerdi, B. (2019), 'Stability of McKean-Vlasov stochastic differential equations and applications', Stochastics and Dynamics.

25. Baissi, M. T.; Brima, A.; Aoues, K.; Khanniche, R. & Moummi, N. (2019), 'Thermal behavior in a solar air heater channel roughened with delta-shaped vortex generators', Applied Thermal Engineering.

26. Barkat, H. S. E. & Mahdad, B. (2019), 'An Experimental Educational Platform Based Arduino-GSM for Power System Protection', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

27. Bayarassou, M.; Baira, F.; Zidani, M.; Djimaoui, T. & Fedaoui, K. (2019), 'Study of the effect of aging on precipitation in wire drawn and annealed aluminum alloy (AGS)', Defect and Diffusion Forum 397, 76-80.

28. Becherif, M.; Ramadan, H. S.; Benchouia, M. T.; Khaled, M.; Ramadan, M. & Hilairet, M. (2019), 'Preface - Special issue on Emerging and Renewable Energy: Generation and automation', Energy Procedia 162, in M. Ramadan; M. Ramadan; M. Becherif; H. S. Ramadan; H. S. Ramadan; M. Khaled; M. Hilairet & M. T. Benchouia, ed., , Elsevier Ltd, cited By 0, 1-3.

29. Belaiche, L.; Kahloul, L.; Benharzallah, S. & Hafidi, Y. (2019), 'Multi-Objective Optimization-Based Approach for Throughput Maximization in Reconfigurable Manufacturing Systems', 5th International Symposium on Innovation in Information and Communication Technology, ISIICT 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

30. Belamri, D.; Harabi, A.; Karbouaa, N. & Benyahia, N. (2019), 'The effect of KF on the structural evolution of natural hydroxyapatite during conventional and microwave sintering', Ceramics International.

31. Belhamra, N.; Boulebtina, A. R. & Belahssen, O. (2019), 'Effect of TiO2 nanoparticles on the mechanical and anticorrosive properties of Zn-Ni composite coatings', Acta Metallurgica Slovaca 25(2), 107-113.

32. Belounar, A.; Benmebarek, S.; Houhou, M. N. & Belounar, L. (2019), 'Static, free vibration, and buckling analysis of plates using strain-based Reissnerâ€"Mindlin elements', International Journal of Advanced Structural Engineering 11(2), 211-230.

33. Ben Aissa, Y.; Grichi, H.; Khalgui, M.; Koubaa, A. & Bachir, A. (2019), 'QCOF: New RPL extension for QoS and congestion-aware in low power and lossy network', ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies , in van Sinderen M.; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 0, 560-569.

34. Ben Attia, H.; Kahloul, L.; Benharzallah, S. & Bourekkache, S. (2019), 'Correction to: Using Hierarchical Timed Coloured Petri Nets in the formal study of TRBAC security policies (International Journal of Information Security, (2019), 10.1007/s10207-019-00448-9)', International Journal of Information Security.

35. Ben Attia, H.; Kahloul, L.; Benhazrallah, S. & Bourekkache, S. (2019), 'Using Hierarchical Timed Coloured Petri Nets in the formal study of TRBAC security policies', International Journal of Information Security.

36. Ben Naceur, M.; Kachouri, R.; Akil, M. & Saouli, R. (2019), 'A New Online Class-Weighting Approach with Deep Neural Networks for Image Segmentation of Highly Unbalanced Glioblastoma Tumors', Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11507 LNCS, 555-567.

37. Benaissa, K.; Bitam, S. & Mellouk, A. (2019), 'Context-based BSM Aggregation for Broad-Scale Applications in Vehicular Networks', Proceedings - Conference on Local Computer Networks, LCN 2018-October, IEEE Computer Society, cited By 0, 360-368.

38. Benakcha, M.; Benalia, L.; Ammar, A. & Bourek, A. (2019), 'Wind energy conversion system based on dual stator induction generator controlled by nonlinear backstepping and pi controllers', International Journal of Systems Assurance Engineering and Management 10(4), 499-509.

39. Benalia, H. & Barkat, D. (2019), 'Solvent extraction studies of nickel(II) by capric acid from sodium sulfate solution', Chemical Engineering Communications.

40. Benamor, A.; Benchouia, M. T.; Srairi, K. & Benbouzid, M. E. H. (2019), 'A novel rooted tree optimization apply in the high order sliding mode control using super-twisting algorithm based on DTC scheme for DFIG', International Journal of Electrical Power and Energy Systems 108, 293-302.

41. Benamor, A.; Benchouia, M. T.; Srairi, K. & Benbouzid, M. E. H. (2019), 'A new rooted tree optimization algorithm for indirect power control of wind turbine based on a doubly-fed induction generator', ISA Transactions 88, 296-306.

42. Benarous, L.; Kadri, B.; Bitam, S. & Mellouk, A. (2019), 'Privacy-preserving authentication scheme for on-road on-demand refilling of pseudonym in VANET', International Journal of Communication Systems.

43. Bencherif, H.; Dehimi, L.; Pezzimenti, F. & Corte, F. G. D. (2019), 'Temperature and SiO2/4H-SiC interface trap effects on the electrical characteristics of low breakdown voltage MOSFETs', Applied Physics A: Materials Science and Processing 125(5).

44. Bencherif, H.; Dehimi, L.; Pezzimenti, F. & Della Corte, F. G. (2019), 'Improving the efficiency of a-Si:H/c-Si thin heterojunction solar cells by using both antireflection coating engineering and diffraction grating', Optik 182, 682-693.

45. Bencherif, H.; Dehimi, L.; Pezzimenti, F.; de Martino, G. & della Corte, F. G. (2019), 'Multiobjective optimization of design of 4h-sic power mosfets for specific applications', Journal of Electronic Materials 48(6), 3871-3880.

46. Bencherif, H.; Dehimi, L.; Pezzimenti, F. & Yousfi, A. (2019), 'Analytical model for the light trapping effect on ZnO:Al/c-Si/SiGe/c-Si solar cells with an optimized design', Proceedings of the 2018 International Conference on Applied Smart Systems, ICASS 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 2.

47. Bendjedidi, S.; Bada, Y. & Meziani, R. (2019), 'Urban plaza design process using space syntax analysis: El-Houria plaza, Biskra, Algeria', International Review for Spatial Planning and Sustainable Development 7(2), 125-142.

48. Benramache, S.; Aoun, Y.; Charef, A.; Benhaoua, B. & Lakel, S. (2019), 'Transition width effect on optical characterizations of ZnO thin films deposited by spray ultrasonic', Inorganic and Nano-Metal Chemistry 49(6), 177-181.

49. Benramache, S.; Aoun, Y.; Lakel, S.; Benhaoua, B. & Torchi, C. (2019), 'The calculate of optical gap energy and urbach energy of Ni 1âˆ'x Co x O thin films', Sadhana - Academy Proceedings in Engineering Sciences 44(1).

50. Benslama, A.; Deghima, A. & Righi, N. (2019), 'Assessment of total phenolic content and antioxidant activity of Ficus carica and Olea Europaea L. leaves extracts', Current Nutrition and Food Science 15(6), 583-587.

51. Berghout, Y. M. & Bennoui, H. (2019), 'Distributed diagnosis based on distributed probability propagation nets', International Journal of Computational Science and Engineering 18(1), 72-79.

52. Berguiga, T. & Boumerzoug, Z. (2019), 'Effect of sigma phase precipitation on mechanical behavior and pitting corrosion of duplex stainless steel', Acta Metallurgica Slovaca 25(1), 4-17.

53. Beroual, S.; Boumerzoug, Z.; Paillard, P. & Borjon-Piron, Y. (2019), 'Effects of heat treatment and addition of small amounts of Cu and Mg on the microstructure and mechanical properties of Al-Si-Cu and Al-Si-Mg cast alloys', Journal of Alloys and Compounds 784, 1026-1035.

54. Bessaoudi, M.; Belahcene, M.; Ouamane, A.; Chouchane, A. & Bourennane, S. (2019), 'Multilinear Enhanced Fisher Discriminant Analysis for robust multimodal 2D and 3D face verification', Applied Intelligence 49(4), 1339-1354.

55. Bessaoudi, M.; Belahcene, M.; Ouamane, A.; Chouchane, A. & Bourennane, S. (2019), 'A Novel Hybrid Approach for 3D Face Recognition Based on Higher Order Tensor', Lecture Notes in Networks and Systems 50, 215-224.

56. Bessaoudi, M.; Ouamane, A.; Belahcene, M.; Chouchane, A.; Boutellaa, E. & Bourennane, S. (2019), 'Multilinear Side-Information based Discriminant Analysis for face and kinship verification in the wild', Neurocomputing 329, 267-278.

57. Bessous, N.; Chemsa, A. & Sbaa, S. (2019), 'New Vision about the Mixed Eccentricity Fault Causes in

Induction Motors and its relationship with the Rolling Element Bearing Faults : Analytical model dedicated to the REB faults', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 1.

58. Bessous, N.; Sbaa, S. & Megherbi, A. C. (2019), 'Mechanical fault detection in rotating electrical machines using MCSA-FFT and MCSA-DWT techniques', Bulletin of the Polish Academy of Sciences: Technical Sciences 67(3), 571-582.

59. Betka, A.; Terki, N.; Toumi, A. & Dahmani, H. (2019), 'Grey wolf optimizer-based learning automata for solving block matching problem', Signal, Image and Video Processing.

60. Betka, A.; Terki, N.; Toumi, A.; Hamiane, M. & Ourchani, A. (2019), 'A new block matching algorithm based on stochastic fractal search', Applied Intelligence 49(3), 1146-1160.

61. Bettayeb, S.; Boumerzoug, Z. & Saib, C. (2019), 'Creep and hardening behavior of 6101 aluminum alloy manufactured by wiredrawing process', World Journal of Engineering 16(4), 445-451.

62. Boualem, M.; Bareche, A. & Cherfaoui, M. (2019), 'Approximate controllability of stochastic bounds of stationary distribution of an M/G/1 queue with repeated attempts and two-phase service', International Journal of Management Science and Engineering Management 14(2), 79-85.

63. Bouchentouf, A. A.; Cherfaoui, M. & Boualem, M. (2019), 'Performance and economic analysis of a single server feedback queueing model with vacation and impatient customers', OPSEARCH 56(1), 300-323.

64. Boudergua, S.; Alloui, M.; Belaidi, S.; Al Mogren, M. M.; Ellatif Ibrahim, U. A. A. & Hochlaf, M. (2019), 'QSAR Modeling and Drug-Likeness Screening for Antioxidant Activity of Benzofuran Derivatives', Journal of Molecular Structure 1189, 307-314.

65. Boudiaf, A.; Boubendira, K.; Harrar, K.; Saadoune, A.; Ghodbane, H.; Dahane, A. & Messai, O. (2019), 'Image compression of surface defects of the hot-rolled steel strip using Principal Component Analysis', Materiaux et Techniques 107(2).

66. Boudiaf, K.; Benmeddour, D.; Baazouzi, M.; Mabrouki, A. & Mellas, M. (2019), 'A Numerical Investigation of the Effect of Isotropic Spatially Variable Tensile Strength on Slope Stability', Transportation Infrastructure Geotechnology.

67. Boudjedjou, L.; Ramdani, M.; Zeraib, A.; Benmeddour, T. & Fercha, A. (2019), 'Chemical composition and biological activities of Algerian Santolina africana essential oil', Scientific African 4.

68. Bougouffa, I.; Mellas, M. & Baheddi, M. (2019), 'Probabilistic analysis of slopes by finite element method', Lecture Notes in Civil Engineering 9, 379-392.

69. Bougourzi, F.; Mokrani, K.; Ruichek, Y.; Dornaika, F.; Ouafi, A. & Taleb-Ahmed, A. (2019), 'Fusion of transformed shallow features for facial expression recognition', IET Image Processing 13(9), 1479-1489.

70. Bougoutaia, A. & Belacel, A. (2019), 'Cohen positive strongly p-summing and p-convex multilinear operators', Positivity 23(2), 379-395.

71. Bouguetitiche, A.; Cherif, F. & Lamarche, F. (2019), 'A simulation model of pedestrian wayfinding behaviour in familiar environments', International Journal of Computer Applications in Technology 61(3), 183-197.

72. Bouhdjar, A. F.; Adaika, M.; Meftah, A.; Boumaraf, R.; Meftah, A. & Sengouga, N. (2019), 'Performance Study of the Micromorph Silicon Tandem Solar Cell Using Silvaco TCAD Simulator', Transactions on Electrical and Electronic Materials.

73. Bounab, O. & Laiadi, Z. (2019), 'A multivariate approach for the ampelographic characterizations of Algerian grapevine genotypes (Vitis vinifera L.): Insights into conservation and commercialization', South African Journal of Botany 124, 71-79.

74. Bourahla, M.; Telli, A.; Benferhat, S. & Chau, M. T. (2019), 'Classifying non-elementary movements in Vietnamese Mừ Dances', Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11581 LNCS, 128-139.

75. Boussehel, H.; Mazouzi, D.; Belghar, N.; Guerira, B. & Lachi, M. (2019), 'Effect of chemicals treatments on the morphological, mechanical, thermal and water uptake properties of polyvinyl chloride/ palm fibers composites', Revue des Composites et des Materiaux Avances 29(1), 1-8.

76. Boutebba, K.; Bouamrane, A.; Ganaoui, N. & Bouziane, M. T. (2019), 'Water supply performance evaluation of the public drinking water Case study: Algeria', Journal of Water and Land Development 40(1), 53-58.

77. Bouzaher, M. T.; Drias, N. & Guerira, B. (2019), 'Improvement of Energy Extraction Efficiency for Flapping Airfoils by Using Oscillating Gurney Flaps', Arabian Journal for Science and Engineering 44(2), 809-819.

78. Bouzidi, L.; Belounar, L. & Guerraiche, K. (2019), 'Presentation of a new membrane strain-based finite element for static and dynamic analysis', International Journal of Structural Engineering 10(1), 40-60.

79. Brahmi, N.; Mellas, M.; Mabrouki, A.; Benmeddour, D. & Ouahab, M. Y. (2019), 'Probabilistic study of the undrained bearing capacity of strip footings', Lecture Notes in Civil Engineering 9, 225-233.

80. Chabane, F.; Adouane, F.; Moummi, N.; Brima, A. & Bensahal, D. (2019), 'Mathematical modeling of drying of mint in a forced convective dryer based on important parameters', International Journal of Heat and Technology 37(2), 537-544.

81. Chabane, F.; Bensahal, D.; Brima, A. & Moummi, N. (2019), 'Solar drying of drying agricultural product (Apricot)', Mathematical Modelling of Engineering Problems 6(1), 92-98.

82. Chabane, F.; Grira, F.; Moummi, N. & Brima, A. (2019), 'Experimental study of a solar air heater by adding an arrangement of transverse rectangular baffles perpendicular to the air stream', International Journal of Green Energy 16(14), 1264-1277.

83. Chabane, F.; Guellai, F.; Michraoui, M.-Y.; Bensahal, D.; Bima, A. & Moummi, N. (2019), 'Prediction of the Global Solar Radiation on Inclined Area', Applied Solar Energy (English translation of Geliotekhnika) 55(1), 41-47.

84. Chabane, F.; Moummi, N. & Brima, A. (2019), 'An experimental study and mathematical modeling of solar drying of moisture content of the mint, apricot, and green pepper', Energy Sources, Part A: Recovery, Utilization and Environmental Effects.

85. Chadli, A.; Halit, M.; Lagoun, B.; Mohamedi, F.; Maabed, S.; Cheriet, A.; Hlil, E. & Farh, H. (2019), 'Structural and anisotropic elastic properties of hexagonal YMnO3 in low symmetry determined by

first-principles calculations', Solid State Phenomena 297, 120-130.

86. Chatta, W.; Lagoun, B.; Lidjici, H.; Chadli, A.; Cheriet, A.; Farh, H.; Khemakhem, H. & Salah, K. (2019), 'Tb-mBj calculations of structural and optoelectronic properties of the rhombohedral phase of bismuth sodium titanate (Bi0.5 na0.5)Tio3', Solid State Phenomena 297, 165-172.

87. Chebout, M. S.; Mokhati, F.; Badri, M. & Babahenini, M. C. (2019), 'Monitoring open multi-Agent systems: An aspect-oriented programming based approach', Multiagent and Grid Systems 15(2), 155-177.

88. Cheikh, R.; Belmili, H.; Menacer, A.; Drid, S. & Chrifi-Alaoui, L. (2019), 'Dynamic behavior analysis under a grid fault scenario of a 2 MW double fed induction generator-based wind turbine: comparative study of the reference frame orientation approach', International Journal of Systems Assurance Engineering and Management 10(4), 632-643.

89. Cherrad, N. (2019), 'Conditioning of hydrogen storage by continuous solar adsorption in activated carbon AX-21 with simultaneous production', International Journal of Hydrogen Energy, 2153-2163.

90. Cherroun, L.; Boumehraz, M. & Kouzou, A. (2019), 'Mobile robot path planning based on optimized fuzzy logic controllers', Studies in Systems, Decision and Control 175, 255-283.

91. Chouaib, L.; Kamel, S.; Belkacem, M.; Benchouia, M. T. & Benbouzid, M. E. H. (2019), 'Analyze of non-linearity effects of 8/6 switched reluctance machine by finite elements method', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

92. Debbache, M.; Derfouf, S. & Makhloufi, S. (2019), 'The Analysis Study of the Effect of Airfoil Thickness Variation on the Performance of Wind Turbine', 2018 International Conference on Wind Energy and Applications in Algeria, ICWEAA 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

93. Dehina, W.; Boumehraz, M. & Kratz, F. (2019), 'Diagnosis of Rotor and Stator Faults by Fast Fourier Transform and Discrete Wavelet in Induction Machine', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

94. Denine, S.; Della, N.; Feia, S.; Muhammed, R. D.; Canou, J. & Dupla, J.-C. (2019), 'Shear behavior of geotextile-reinforced Chlef sand in the Mediterranean region: Laboratory investigation', Marine Georesources and Geotechnology 37(5), 599-608.

95. Derrar, K.; Zaabat, M.; Zerrouk, I.; Hafdallah, A.; Rouabah, N. & Gasmi, B. (2019), 'Optical and structural properties of sno2 thin films deposited by spray pyrolysis technique: Effect of solution concentration', Defect and Diffusion Forum 397, 179-186.

96. Dib, M.; Kouloughli, S. & Hecini, M. (2019), 'Numerical analysis of high capacity helical piles subjected to ground movement in weathered unstable clayey slope', Computers and Geotechnics 110, 319-325.

97. Digheche, K.; Boumerzoug, Z.; Khamouli, F.; Saoudi, A. & Saadi, K. (2019), 'Applying of heat treatments to improve the properties of welded pipeline steel', Solid State Phenomena 297, 143-150.

98. Diha, A.; Benramache, S. & Fellah, L. (2019), 'The crystalline structure, optical and conductivity properties of fluorine doped ZnO nanoparticles', Journal of Nano- and Electronic Physics 11(3).

99. Djalel, D.; Yahia, K.; Mostefa Mohamed, T.; Hichem, M. & Khouloud, B. (2019), 'Detection and SVM

classification of broken rotor bars Fault in induction motor using WPA', 2019 6th International Conference on Control, Decision and Information Technologies, CoDIT 2019 , Institute of Electrical and Electronics Engineers Inc., cited By 0, 1001-1005.

100.   Djebloun, Y.; Hecini, M.; Djoudi, T. & Guerira, B. (2019), 'Experimental determination of elastic modulus of elasticity and Poisson's coefficient of date palm tree fiber', Journal of Natural Fibers 16(3), 357-367.

101.   Djeddou, M.; Hameed, I. A. & Mokhtari, E. (2019), 'Soil Erosion Rate Prediction using Adaptive Neuro-Fuzzy Inference System (ANFIS) and Geographic Information System (GIS) of Wadi Sahel-Soummam Watershed (Algeria)', IEEE International Conference on Fuzzy Systems 2019-June, Institute of Electrical and Electronics Engineers Inc., cited By 0.

102.   Djellab, M.; Bentrah, H.; Chala, A. & Taoui, H. (2019), 'Synergistic effect of halide ions and gum arabic for the corrosion inhibition of API5L X70 pipeline steel in H2SO4', Materials and Corrosion 70(1), 149-160.

103.   Djeridane, M. E.; Mechgoug, R.; Ajgou, R. & Chemsa, A. (2019), 'Fuzzy Rotor Side Control of a DFIG-Based Wind Turbine', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

104.   Djoudi, T.; Hecini, M.; Scida, D.; Djebloun, Y. & Djemai, H. (2019), 'Physico-Mechanical Characterization of Composite Materials Based on Date Palm Tree Fibers', Journal of Natural Fibers.

105.   Douara, T.-H. & Guettala, S. (2019), 'Effects of curing regimes on the physico-mechanical properties of self-compacting concrete made with ternary sands', Construction and Building Materials 195, 41-51.

106.   El Abdi, R.; Nouadji, M. & Poulain, M. (2019), 'Effect of ZnO on physical properties of Sb2O3-PbO-ZnO system', 2019 Photonics North, PN 2019 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

107.   Falek, M.; Merad, M. & Moumni, M. (2019), 'Bosonic oscillator under a uniform magnetic field with Snyder-de Sitter algebra', Journal of Mathematical Physics 60(1).

108.   Falek, W.; Benali-Cherif, R.; Golea, L.; Samai, S.; Benali-Cherif, N.; Bendeif, E.-E. & Daoud, I. (2019), 'A structural comparative study of charge transfer compounds: Synthesis, crystal structure, IR, Raman-spectroscopy, DFT computation and hirshfeld surface analysis', Journal of Molecular Structure 1192, 132-144.

109.   Fourar, I.; Benmachiche, A. H. & Abboudi, S. (2019), 'Effect of material and geometric parameters on natural convection heat transfer over an eccentric annular-finned tube', International Journal of Ambient Energy.

110.   Fritah, A.; Dehimi, L.; Pezzimenti, F.; Saadoune, A. & Abay, B. (2019), 'Analysis of I–V–T characteristics of Au/n-InP schottky barrier diodes with modeling of nanometer-sized patches at low temperature', Journal of Electronic Materials 48(6), 3692-3698.

111.   Fritah, A.; Dehimi, L.; Saadoune, A. & Bekhouche, K. (2019), 'Traps effect on the I-V-T characteristics of Au/n-InP Schottky barrier diode', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

112.   Ghendir, S.; Sbaa, S. & Ajgou, R. (2019), 'Evaluation of Data Rate Effects on UWB Channel Estimation', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

113.   Ghendir, S.; Sbaa, S.; Al-Sherbaz, A.; Ajgou, R. & Chemsa, A. (2019), 'Towards 5G wireless systems: A modified Rake receiver for UWB indoor multipath channels', Physical Communication 35.

114.   Ghoggal, A. & Hamida, A. H. (2019), 'Transient and steady-state modelling of healthy and eccentric induction motors considering the main and third harmonic saturation factors', IET Electric Power Applications 13(7), 901-913.

115.   Ghrib, T.; Benmohammed, M.; Hadj Seyd, A.; Kafi, M. R. & Guzzi, A. (2019), 'Code verification based on TPM solutions for internet of things platforms', Advances in Intelligent Systems and Computing 915, 297-301.

116.   Grid, M.; Djedi, N. & Bitam, S. (2019), 'GPU-based distributed bee swarm optimisation for dynamic vehicle routing problem', International Journal of Ad Hoc and Ubiquitous Computing 31(3), 155-177.

117.   Guedouh, M. S.; Zemmouri, N.; Hanafi, A. & Qaoud, R. (2019), 'Passive strategy based on courtyard building morphology impact on thermal and luminous environments in hot and arid region', Energy Procedia 157, in A. Haider; A. Jabur; M. Aillerie; Salame C.-T.; C. Perilhon; P. Papageorgas; G. Vokas & A. Shaban, ed., , Elsevier Ltd, cited By 1, 435-442.

118.   Guerna, A. & Bitam, S. (2019), 'GICA: An evolutionary strategy for roadside units deployment in vehicular networks', Proceedings - ICNAS 2019: 4th International Conference on Networking and Advanced Systems, in M. Derdour; M. Ahmim & A. Bendjedou, ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

119.   Hachani, S. & Guerbous, L. (2019), 'Synthesis, Luminescence, and Energy Transfer Properties of YPO4:Gd3+, Eu3+ and YP3O9:Sm3+, Eu3+ Phosphors', Journal of Fluorescence 29(3), 665-672.

120.   Hacini, C.; Bada, Y. & Pihet, C. (2019), 'The impact of urban configuration on the accessibility of disabled people: A case study from Algiers, Algeria', 12th International Space Syntax Symposium, SSS 2019, Beijing JiaoTong University, cited By 0.

121.   Haddadi, Z.; Meghezzi, H.; Amar, A.; Boucekkine, A.; Bennamane, N.; Nedjar-Kolli, B.; Belaidi, S. & Kerassa, A. (2019), 'DFT and QSAR investigations of substituent effects in pyrazolooxazine derivatives: Activity prediction', Journal of Theoretical and Computational Chemistry 18(1).

122.   Hadjadj, S.; Boutarfaia, A. & Zenkhri, L. (2019), 'Structural and dielectric study of a PlnZNT ceramic material doped with chromium', Annales de Chimie: Science des Materiaux 43(2), 69-74.

123.   Hafayed, D. & Chala, A. (2019), 'A general maximum principle for mean-field forward-backward doubly stochastic differential equations with jumps processes', Random Operators and Stochastic Equations 27(1), 9-25.

124.   Hafidi, Y.; Kahloul, L. & Khalgui, M. (2019), 'New methodology for backward analysis of reconfigurable event control systems using R-TNCESs', ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies , in van Sinderen M.; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 0, 129-140.

125.   Hafidi, Y.; Kahloul, L.; Khalgui, M. & Ramdani, M. (2019), 'On improved verification of reconfigurable real-time systems', ENASE 2019 - Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software Engineering , in G. Spanoudakis; E. Damiani; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 2, 394-401.

126.   Hamidani, B.; Allag, A.; Allag, A. & Zeghib, O. (2019), 'Sensorless Non-linear Control Applied to a PMSM Machine Based on New Extended MVT Observer', Journal of Electrical Engineering and Technology.

127.   Hamidani, B.; Allag, A.; Zeghib, O. & Allag, A. (2019), 'An extended H_∞ observer based on the mean value theorem approach applied to open loop FOC of PMSM drive', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

128.   Hammoudi, M. Y.; Kraa, O.; Saadi, R.; Ayad, M. Y.; Bacha, S. & Boukhlouf, A. (2019), 'Non linear control of a Fuel Cell Interleaved Boost Converter using Weighted Mixed Sensitivity H_∞', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 1.

129.   Hamza, S.; Boumerzoug, Z.; Raouache, E. & Delaunois, F. (2019), 'Simulated heat affected zone in welded stainless steel 304l', Acta Metallurgica Slovaca 25(3), 142-149.

130.   Hanafi, A.; Alkama, D.; Guedouh, M. S. & Qaoud, R. (2019), 'Towards a high intensity of use of the public place of the arid cities', Energy Procedia 157, in A. Haider; A. Jabur; M. Aillerie; Salame C.-T.; C. Perilhon; P. Papageorgas; G. Vokas & A. Shaban, ed., , Elsevier Ltd, cited By 0, 443-456.

131.   Harrou, F.; Khaldi, B.; Sun, Y. & Cherif, F. (2019), 'Monitoring robotic swarm systems under noisy conditions using an effective fault detection strategy', IEEE Sensors Journal 19(3), 1141-1152.

132.   Harzelli, I.; Menacer, A. & Ameid, T. (2019), 'A fault monitoring approach using model-based and neural network techniques applied to input–output feedback linearization control induction motor', Journal of Ambient Intelligence and Humanized Computing.

133.   Hazhazi, H.; Melkemi, N.; Salah, T. & Bouachrine, M. (2019), 'DFT-based reactivity and combined QSAR, molecular docking of 1,2,4,5-Tetrazine derivatives as inhibitors of Pim-1 kinase', Heliyon 5(9).

134.   Helal, Y.; Boumerzoug, Z. & Fellah, L. (2019), 'Microstructural evolution and mechanical properties of dissimilar friction stir lap welding aluminum alloy 6061-T6 to ultra low carbon steel', Energy Procedia 157, in A. Haider; A. Jabur; M. Aillerie; Salame C.-T.; C. Perilhon; P. Papageorgas; G. Vokas & A. Shaban, ed., , Elsevier Ltd, cited By 1, 208-215.

135.   Hezabra, A.; Abdeslam, N. A.; Sengouga, N. & Yagoub, M. C. E. (2019), '2D study of AlGaN/AlN/GaN/AlGaN HEMTs' response to traps', Journal of Semiconductors 40(2).

136.   Hima, A.; Lakhdar, N.; Benhaoua, B.; Saadoune, A.; Kemerchou, I. & Rogti, F. (2019), 'An optimized perovskite solar cell designs for high conversion efficiency', Superlattices and Microstructures 129, 240-246.

137.   Hima, A.; Lakhdar, N. & Saadoune, A. (2019), 'Effect of electron transporting layer on power conversion efficiency of perovskite-based solar cell: Comparative study', Journal of Nano- and Electronic Physics 11(1).

138.   Hoadjli, A. & Rezeg, K. (2019), 'A Smart City System using Backend as a Service Approach: Biskra City Case Study', 5th International Symposium on Innovation in Information and Communication Technology, ISIICT 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 1.

139.   Hoadjli, A. & Rezeg, K. (2019), 'A scalable mobile context-aware recommender system for a smart city administration', International Journal of Parallel, Emergent and Distributed Systems.

140.   Houhou, M. N.; Emeriault, F. & Belounar, A. (2019), 'Three-dimensional numerical back-analysis of a monitored deep excavation retained by strutted diaphragm walls', Tunnelling and Underground Space Technology 83, 153-164.

141.   Houhou, S.; Baarir, S.; Poizat, P. & Quéinnec, P. (2019), 'A First-Order Logic Semantics for Communication-Parametric BPMN Collaborations', Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11675 LNCS, 52-68.

142.   Houhou, S.; Kahloul, L.; Benharzallah, S. & Bettira, R. (2019), 'Transformation of High Level Specification Towards nesC Code', Advances in Intelligent Systems and Computing 756, 275-284.

143.   Houimli, M.; Kahloul, L. & Benaoune, S. (2019), 'Performance Analysis of Internet of Things Application Layer Protocol', Advances in Intelligent Systems and Computing 756, 225-234.

144.   Kadri, O.; Baarir, Z.-E. & Schaefer, G. (2019), 'Power shrinkage—curvelet domain image denoising using a new scale-dependent shrinkage function', Signal, Image and Video Processing 13(7), 1347-1355.

145.   Kerbouche, K.; Cardoso, A. J. M.; Yahia, K. & Mellit, A. (2019), 'Mathematical modelling and simulation of a directly coupled water pumping system, using a photovoltaic-fed synchronous reluctance motor', Lecture Notes in Electrical Engineering 519, 431-437.

146.   Khaldi, A.; Bouarissa, N.; Ghodbane, H. & Tabourot, L. (2019), 'Phase transition, mechanical stability and optical response of MnSe: Pressure effect', Physica B: Condensed Matter 553, 6-10.

147.   Khaldi, B.; Harrou, F.; Cherif, F. & Sun, Y. (2019), 'Flexible and Efficient Topological Approaches for a Reliable Robots Swarm Aggregation', IEEE Access 7, 96372-96383.

148.   Khallout, R. & Chala, A. (2019), 'A risk-sensitive stochastic maximum principle for fully coupled forward-backward stochastic differential equations with applications', Asian Journal of Control.

149.   Khamouli, F.; Zidani, M.; Digheche, K.; Saoudi, A. & Atoui, L. (2019), 'Influence of cellulosic fluxes on the chemical composition, microstructure, inclusions and micro-hardness of SMAW multi-pass welds of x42 steel', Solid State Phenomena 297, 62-70.

150.   Khamouli, F.; Zidani, M.; Digheche, K.; Saoudi, A.; Moussi, H. & Atoui, L. (2019), 'Chemical characterization of the crystalline phases in agglomerated fluxes and slags for shielded metal arc welding (SMAW)', Solid State Phenomena 297, 151-164.

151.   Khechai, A. & Mohite, P. M. (2019), 'Optimum design of perforated symmetric laminates using evolutionary algorithm', Journal of Composite Materials 53(23), 3281-3305.

152.   Khechai, A.; Tati, A.; Belarbi, M. O. & Guettala, A. (2019), 'Numerical Analysis of Stress Concentration in Isotropic and Laminated Plates with Inclined Elliptical Holes', Journal of The Institution

of Engineers (India): Series C 100(3), 511-522.

153. Khelaifa, A.; Benharzallah, S.; Kahloul, L.; Euler, R.; Laouid, A. & Bounceur, A. (2019), 'A comparative analysis of adaptive consistency approaches in cloud storage', Journal of Parallel and Distributed Computing 129, 36-49.

154. Khelifi, C.; Attaf, A.; saidi, H.; Yahia, A. & Dahnoun, M. (2019), 'Investigation of F doped SnO 2 thin films properties deposited via ultrasonic spray technique for several applications', Surfaces and Interfaces 15, 244-249.

155. Khelil, S. & Zemmouri, N. (2019), 'Biomimetic: a new strategy for a passive sustainable ventilation system design in hot and arid regions', International Journal of Environmental Science and Technology 16(6), 2821-2830.

156. Knoop, M.; Stefani, O.; Bueno, B.; Matusiak, B.; Hobday, R.; Wirz-Justice, A.; Martiny, K.; Kantermann, T.; Aarts, M. P. J.; Zemmouri, N.; Appelt, S. & Norton, B. (2019), 'Daylight: What makes the difference?', Lighting Research and Technology.

157. Korichi, A.; Aiadi, O.; Khaldi, B.; Slatnia, S. & Kherfi, M. L. (2019), 'Off-line Arabic handwriting recognition system based on ML-LPQ and classifiers combination', 2018 International Conference on Signal, Image, Vision and their Applications, SIVA 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

158. Kostka, P.; Ivanova, Z. G.; Nouadji, M.; ÄŒernoÅ¡kovÃ¡, E. & Zavadil, J. (2019), 'Er-doped antimonite Sb2O3âˆ'PbOâˆ'ZnO/ZnS glasses studied by low-temperature photoluminescence spectroscopy', Journal of Alloys and Compounds 780, 866-872.

159. Kouachi, A. I.; Sahraoui, S. & Bachir, A. (2019), 'Per Packet Flow Anonymization in 6LoWPAN IoT Networks', Proceedings - 2018 International Conference on Wireless Networks and Mobile Communications, WINCOM 2018 , in R. EL-Azouzi; M. Sadik; E. Sabir; A. Tmiri & E. Altman, ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

160. Kouidri, N.; Rahmane, S. & Allag, A. (2019), 'Substrate temperature-dependent properties of sprayed cobalt oxide thin films', Journal of Materials Science: Materials in Electronics 30(2), 1153-1160.

161. Krama, A.; Zellouma, L.; Benaissa, A.; Rabhi, B.; Bouzidi, M. & Benkhoris, M. F. (2019), 'Design and Experimental Investigation of Predictive Direct Power Control of Three-Phase Shunt Active Filter with Space Vector Modulation using Anti-windup PI Controller Optimized by PSO', Arabian Journal for Science and Engineering 44(8), 6741-6755.

162. Kubliha, M.; Maache, D.; Bosak, O.; Minarik, S.; Trnovcova, V.; Lukic-Petrovic, S. & Soltani, M. T. (2019), 'Mixed Alkaline Effect in Antimony-Based Glasses', Russian Journal of Electrochemistry 55(6), 510-516.

163. Labed, M. & Sengouga, N. (2019), 'Simulation of the influence of the gate dielectric on amorphous indium-gallium-zinc oxide thin-film transistor reliability', Journal of Computational Electronics 18(2), 509-518.

164. Labed, M.; Sengouga, N.; Kim, K. H. & Rim, Y. S. (2019), 'Numerical Simulation on Thickness Dependency and Bias Stress Test of Ultrathin IGZO Thin-Film Transistors Via a Solution Process', Physica Status Solidi (A) Applications and Materials Science 216(7).

165.   Labed, M.; Sengouga, N. & Meftah, A. (2019), 'Simulation of the effect of deep defects created by hydrogen on the performance of amorphous indium gallium zinc oxide thin film transistor (a-IGZO TFT)', Materials Research Express 6(7).

166.   Lahmadi, S.; Belhamra, M.; Karoune, S.; Imad, K.; Bensouici, C.; Kechebar, M. S. A.; Halis, Y. & Ksouri, R. (2019), 'Phenolic constituents and antioxidant activity of Euphorbia retusa Forssk', Natural Product Research.

167.   Lahmadi, S.; Belhamra, M.; Karoune, S.; Kechebar, M. S. A.; Bensouici, C.; Kashi, I.; Mizab, O. & Ksouri, R. (2019), 'In vitro antioxidant capacity of Euphorbia retusa Forssk. From Algerian desert', Journal of Pharmacy and Pharmacognosy Research 7(5), 356-366.

168.   Laiadi, A. & Merzougui, A. (2019), 'Free surface flows over a successive obstacles with surface tension and gravity effects', AIMS Mathematics 4(2), 316-326.

169.   Laiadi, O.; Ouamane, A.; Benakcha, A.; Taleb-Ahmed, A. & Hadid, A. (2019), 'Kinship verification based deep and tensor features through extreme learning machine', Proceedings - 14th IEEE International Conference on Automatic Face and Gesture Recognition, FG 2019 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

170.   Laiadi, O.; Ouamane, A.; Benakcha, A.; Taleb-Ahmed, A. & Hadid, A. (2019), 'Learning multi-view deep and shallow features through new discriminative subspace for bi-subject and tri-subject kinship verification', Applied Intelligence.

171.   Laiadi, O.; Ouamane, A.; Boutellaa, E.; Benakcha, A.; Taleb-Ahmed, A. & Hadid, A. (2019), 'Kinship verification from face images in discriminative subspaces of color components', Multimedia Tools and Applications 78(12), 16465-16487.

172.   Laiadi, Z.; Rahali, M. & Achour, H. (2019), 'Molecular clarifications of grapevine identities in Algerian germplasm collections using microsatellite markers', Jordan Journal of Biological Sciences 12(3), 317-322

173.   Lakhdari, A. E.; Cheriet, A. & El-Ghoul, I. N. (2019), 'Skin effect based technique in eddy current non-destructive testing for thickness measurement of conductive material', IET Science, Measurement and Technology 13(2), 255-259.

174.   Lakhdari, A. E.; Cheriet, A.; Lamamra, B.; Bellouti, B.; Bensaid, S. & Ghou, I. N. E. (2019), 'Gap Estimation of Disbanding Failure Appears in Hybrid Laminate Material by Means of an Eddy Current Evaluation', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

175.   Laraoui, H.; Haba, H.; Long, C. & Benkhaled, M. (2019), 'A new flavanone sulfonate and other phenolic compounds from Fumana montana', Biochemical Systematics and Ecology 86.

176.   Lechlek, L.; Meneveaux, D.; RibardiÃ¨re, M.; Perrot, R. & Babahenini, M. C. (2019), 'Interactive HDR image-based rendering from unstructured LDR photographs', Computers and Graphics (Pergamon) 84, 1-12.

177.   Ledra, M. & El Hdiy, A. (2019), 'Simulated Contrast of Two Dislocations', Semiconductors 53(4), 442-446

178.   Leulmi, A. & Leulmi, S. (2019), 'Logarithmic barrier method via minorant function for linear

programming', Journal of Siberian Federal University - Mathematics and Physics 12(2), 191-201.

179.   Maanani, Y. & Menacer, A. (2019), 'Modeling and diagnosis of the inter-turn short circuit fault for the sensorless input-output linearization control of the PMSM', Periodica polytechnica Electrical engineering and computer science 63(3), 159-168.

180.   Mahdad, B. (2019), 'Improvement optimal power flow solution under loading margin stability using new partitioning whale algorithm', International Journal of Management Science and Engineering Management 14(1), 64-77.

181.   Mahdad, B. (2019), 'Optimal reconfiguration and reactive power planning based fractal search algorithm: A case study of the Algerian distribution electrical system', Engineering Science and Technology, an International Journal 22(1), 78-101.

182.   Mahto, L.; Abbas, S.; Hafayed, M. & Srivastava, H. M. (2019), 'Approximate controllability of sub-diffusion equation with impulsive condition', Mathematics 7(2).

183.   Makhloufi, S.; Omari, E. & Omari, M. (2019), 'Synthesis, characterization, and electrocatalytic properties of La 0.9 Sr 0.1 Cr 1âˆ'x Co x O 3 perovskite oxides', Journal of the Australian Ceramic Society 55(1).

184.   Maou, S.; Meghezzi, A.; Nebbache, N. & Meftah, Y. (2019), 'Mechanical, morphological, and thermal properties of poly(vinyl chloride)/low-density polyethylene composites filled with date palm leaf fiber', Journal of Vinyl and Additive Technology 25, E88-E93.

185.   Marouf, Y.; Dehimi, L. & Pezzimenti, F. (2019), 'Simulation study for the current matching optimization in In0.48Ga0.52N/In0.74Ga0.26N dual junction solar cells', Superlattices and Microstructures 130, 377-389.

186.   Mazouz, B.; Abbeche, K.; Abdi, A. & Baazouzi, M. (2019), 'Model experiments to assess effect of eccentric loading on the ultimate bearing capacity of a strip footing near a dry sand slope', International Journal of Geotechnical Engineering.

187.   Meftah, K. & Sedira, L. (2019), 'A nonlinear elasto-plastic analysis of Reissner-Mindlin plates by finite element method', Frattura ed Integrita Strutturale 13(50), 276-285.

188.   Megherbi, H.; Megherbi, A. C. & Benmahammed, K. (2019), 'On accommodating the semantic-based interpretability in evolutionary linguistic fuzzy controller', Journal of Intelligent and Fuzzy Systems 36(4), 3765-3778.

189.   Mehdi, S.; Betka, A.; Drid, S.; Djerdir, A.; Tiar, M. & Abdedaim, S. (2019), 'Implementation of new adaptive power-split management strategy in a battery-super capacitor electric vehicle', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 1.

190.   Meherrem, S. & Hafayed, M. (2019), 'Maximum principle for optimal control of McKean-Vlasov FBSDEs with LÃ©vy process via the differentiability with respect to probability law', Optimal Control Applications and Methods 40(3), 499-516.

191.   Meherrem, S.; Hafayed, M. & Abbas, S. (2019), 'On Peng's type maximum principle for optimal control of mean-field stochastic differential equations with jump processes', International Journal of

Modelling, Identification and Control 31(3), 245-258.

192.   Merizig, A.; Kazar, O. & Sanchez, M. L. (2019), 'A multi-agent system approach for service deployment in the cloud', International Journal of Communication Networks and Distributed Systems 23(1), 69-92.

193.   Merizig, A.; Saouli, H.; Sanchez, M. L.; Kazar, O. & Benharkat, A.-N. (2019), 'An extended data as a service description model for ensuring cloud platform portability', Advances in Intelligent Systems and Computing 915, 736-744.

194.   Merizig, A.; Saouli, H.; Zouai, M. & Kazar, O. (2019), 'An Intelligent Approach for Enhancing the Agricultural Production in Arid Areas Using IoT Technology', Advances in Intelligent Systems and Computing 911, 22-36.

195.   Merniz, N.; Tahar, A. & Benmehaia, A. M. (2019), 'Statistical assessment of rainfall variability and trends in northeastern Algeria', Journal of Water and Land Development 40(1), 87-96.

196.   Messaoudi, A.; Benchabane, F. & Srairi, K. (2019), 'DCT-based color image compression algorithm using adaptive block scanning', Signal, Image and Video Processing 13(7), 1441-1449.

197.   Mihi, A.; Tarai, N. & Chenchouni, H. (2019), 'Can palm date plantations and oasification be used as a proxy to fight sustainably against desertification and sand encroachment in hot drylands?', Ecological Indicators 105, 365-375.

198.   Mouada, N.; Zemmouri, N. & Meziani, R. (2019), 'Urban morphology, outdoor thermal comfort and walkability in hot, dry cities: Case study in Sidi Okba, Algeria', International Review for Spatial Planning and Sustainable Development 7(1), 117-133.

199.   Mouffok, M.; Aidaoui, L. & Zemmouri, N. (2019), 'Evaluation study of energy performance and conformity to regulations for ordinary and hep housings: Case study based on measurements at Djelfa city, Algeria', Instrumentation Mesure Metrologie 18(2), 171-180.

200.   Naidji, I.; Mosbahi, O.; Khalgui, M. & Bachir, A. (2019), 'Cooperative energy management software for networked microgrids', ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies , in van Sinderen M.; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 0, 428-438.

201.   Naili, M.; Bourahla, M. & Naili, M. (2019), 'Stability-based model for evacuation system using agent-based social simulation and Monte Carlo method', International Journal of Simulation and Process Modelling 14(1), 1-16.

202.   Naili, M.; Bourahla, M.; Naili, M. & Tari, A. (2019), 'Stability-based Dynamic Bayesian Network method for dynamic data mining', Engineering Applications of Artificial Intelligence 77, 283-310.

203.   Nassiba, A.; Boubaker, B. H.; Chahnez, S.; Djamel, B.; Leila, S.; Brahim, G.; Rahal, A.; Benhaoua, A. & Hima, A. (2019), 'Effect of la doping on zno thin films by spray pyrolysis', Defect and Diffusion Forum 397, 206-212.

204.   Nebbar, M. C.; Zidani, M.; Djimaoui, T.; Abid, T.; Farh, H.; Ziar, T.; Helbert, A. L.; Brisset, F. & Baudin, T. (2019), 'Microstructural evolutions and mechanical properties of drawn medium carbon steel wire', International Journal of Engineering Research in Africa 41, 1-7.

205.   Omari, E. & Omari, M. (2019), 'Cu-doped GdFeO3 perovskites as electrocatalysts for the oxygen evolution reaction in alkaline media', International Journal of Hydrogen Energy 44(54), 28769-28779.

206.   Ouahab, M. Y.; Mabrouki, A.; Mellas, M. & Benmeddour, D. (2019), 'Numerical study of the bearing capacity of embedded strip footings on non-homogenous clay under inclined load', Lecture Notes in Civil Engineering 9, 1265-1271.

207.   Ouchen, S.; Benbouzid, M.; Steinhart, H.; Betka, A.; Blaabjerg, F. & Bekhoucha, N. (2019), 'Improved Direct Power Control Applied to Parallel Active Filtering Based on Fuzzy Logic Controller', Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018 , in Boudour M. Menaa M., ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0.

208.   Ouchen, S.; Gaubert, J.-P.; Steinhart, H. & Betka, A. (2019), 'Energy quality improvement of three-phase shunt active power filter under different voltage conditions based on predictive direct power control with disturbance rejection principle', Mathematics and Computers in Simulation 158, 506-519.

209.   Pezzimenti, F.; Bencherif, H.; Yousfi, A. & Dehimi, L. (2019), 'Current-voltage analytical model and multiobjective optimization of design of a short channel gate-all-around-junctionless MOSFET', Solid-State Electronics 161.

210.   Qaoud, R.; Alkama, D.; Hanafi, A. & Marouane, S. G. (2019), 'The role of the urban fabric in reducing of the physical loads for the environment applied within the free space-street-, for Saharan Cities, Case Study of the City of Biskra -Algerie', Energy Procedia 157, in A. Haider; A. Jabur; M. Aillerie; Salame C.-T.; C. Perilhon; P. Papageorgas; G. Vokas & A. Shaban, ed., , Elsevier Ltd, cited By 0, 2-9.

211.   Qaoud, R. & Djamal, A. (2019), 'The role of L/W in the solar radiation for Saharian cities', E3S Web of Conferences 91, in A. Zheltenkov, ed., , EDP Sciences, cited By 0.

212.   Rahimap, B.; Amar, G.; Toufik, B. M. & Mohamed, C. (2019), 'High-performance active power filter implementation based on predictive current control', International Journal of Power Electronics and Drive Systems 10(1), 277-287.

213.   Rais, M.; Boumerzoug, A.; Halada, M. & Sriti, L. (2019), 'Optimizing the cooling energy consumption by the passive traditional façade strategies in hot dry climate', Pollack Periodica 14(1), 177-188.

214.   Ramdani, M.; Kahloul, L. & Khalgui, M. (2019), 'Automatic properties classification approach for guiding the verification of complex reconfigurable systems', ICSOFT 2018 - Proceedings of the 13th International Conference on Software Technologies , in L. Maciaszek; L. Maciaszek & van Sinderen M., ed., , SciTePress, cited By 4, 591-598.

215.   Ramdani, M.; Kahloul, L. & Khalgui, M. (2019), 'On improving parallel rebuilding of R-TNCESs', ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies , in van Sinderen M.; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 0, 315-322.

216.   Ramdani, M.; Kahloul, L.; Khalgui, M. & Hafidi, Y. (2019), 'R-TNCES rebuilding: A new method of CTL model update for reconfigurable systems', ENASE 2019 - Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software Engineering , in G. Spanoudakis; E. Damiani; L. Maciaszek & L. Maciaszek, ed., , SciTePress, cited By 3, 159-168.

217. Razi, S.; Bernard, E. C. & Laamari, M. (2019), 'Thysanoptera of date palm: First records from Biskra (Algeria)', Agriculture and Natural Resources 53(1), 33-37.

218. Riadh, A.; Salim, S.; Massaoud, H.; Lemya, G.; Said, G.; Noureddine, B. & Ali, C. (2019), 'Subspace Approach for Enhancing Speech based on SVD.', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

219. Rouis, M.; Ouafi, A. & Sbaa, S. (2019), 'Optimal level and order detection in wavelet decomposition for PCG signal denoising', Biomedizinische Technik 64(2), 163-176.

220. Saadallah, Y.; Derfouf, S. & Guerira, B. (2019), 'A viscoelastic-viscoplastic model for a thermoplastic and sensitivity of its rheological parameters to the strain-rate', Frattura ed Integrita Strutturale 13(49), 666-675.

221. Saadi, I.; De Luca, F.; Fanelli, E.; Troccoli, A.; Greco, N. & Benbouza, H. (2019), 'Morpho-molecular characterization of Ditylenchus gigas and D. oncogenus parasitizing broad bean, Vicia faba, in Algeria', European Journal of Plant Pathology 155(2), 505-513.

222. Said, D.; Kamel, M.; Khaled, K.; Mohsein, T. & Lakhdar, S. (2019), 'Detection and diagnosis of fault bearing using wavelet packet transform and neural network', Frattura ed Integrita Strutturale 13(49), 291-301.

223. Salah, L.; Adel, G.; Khaled, K. & Ahmed, B. (2019), 'A comparative investigation between the mcsa method and the hilbert transform for broken rotor bar fault diagnostics, in a closed-loop three-phase induction motor', UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science 81(3), 209-226.

224. Salah, L.; Adel, G.; Khaled, K.; Ahmed, B. & Issam, A. (2019), 'Broken rotor bar fault diagnostic for DTC fed induction motor using stator instantaneous complex apparent power envelope signature analysis', International Journal of Power Electronics and Drive Systems 10(3), 1187-1196.

225. Sami Oubbati, O.; Chaib, N.; Lakas, A.; Bitam, S. & Lorenz, P. (2019), 'U2RV: UAV-assisted reactive routing protocol for VANETs', International Journal of Communication Systems.

226. Saouli, A.; Babahenini, M. C. & Medjram, S. (2019), 'Accurate, dense and shading-aware multi-view stereo reconstruction using metaheuritic optimization', Multimedia Tools and Applications 78(11), 15053-15077.

227. Seghir, I.; Nebbache, N.; Meftah, Y.; Hachani, S. E. & Maou, S. (2019), 'DFT/TDDFT investigation on the electronic structure and spectroscopic properties of cis-dioxomolybdenum (VI) complexes', Acta Chimica Slovenica 66(3), 629-637.

228. Seghir, N. T.; Mellas, M.; Sadowski, Å.; Krolicka, A.; Zak, A. & Ostrowski, K. (2019), 'The utilization of waste marble dust as a cement replacement in air-cured mortar', Sustainability (Switzerland) 11(8).

229. Segueni, L.; Rahal, A.; Benhaoua, B.; Allag, N.; Benhaoua, A.; Gasmi, B. & Hima, A. (2019), 'Influence of fe doping concentration on SnO2 layers', Defect and Diffusion Forum 397, 200-205.

230. Sellali, M.; Abdeddaim, S.; Betka, A.; Djerdir, A.; Drid, S. & Tiar, M. (2019), 'Fuzzy-Super twisting control implementation of battery/super capacitor for electric vehicles', ISA Transactions.

231.   Sellali, M.; Betka, A.; Drid, S.; Djerdir, A.; Allaoui, L. & Tiar, M. (2019), 'Novel control implementation for electric vehicles based on fuzzy -back stepping approach', Energy 178, 644-655.

232.   Semahi, S.; Zemmouri, N.; Singh, M. K. & Attia, S. (2019), 'Comparative bioclimatic approach for comfort and passive heating and cooling strategies in Algeria', Building and Environment 161.

233.   Soltane, M.; Roose, P.; Makhlouf, D. & Okba, K. (2019), 'Predictions and modeling energy consumption for IT data center', Advances in Intelligent Systems and Computing 912, 1-11.

234.   Taoui, H.; Bentrah, H.; Chala, A. & Djellab, M. (2019), 'Bark resin of Schinus molle as an eco-friendly inhibitor for API 5L X70 pipeline steel in HCl medium', Materials and Corrosion 70(3), 511-520.

235.   Taouririt, T. E.; Meftah, A. & Sengouga, N. (2019), 'Numerical Simulation and Optimization of An a-ITZO TFT Based on a Bi-Layer Gate Dielectrics', Journal of Electronic Materials 48(2), 1018-1030.

236.   Temami, O.; Ayoub, A.; Hamadi, D. & Bennoui, I. (2019), 'Effect of Boundary Conditions on the Behavior of Stiffened and Un-Stiffened Cylindrical Shells', International Journal of Steel Structures 19(3), 867-878.

237.   Tibermacine, O.; Tibermacine, C. & Kerdoudi, M. L. (2019), 'Reputation evaluation with malicious feedback prevention using a HITS-based model', Proceedings - 2019 IEEE International Conference on Web Services, ICWS 2019 - Part of the 2019 IEEE World Congress on Services , in E. Bertino; C. K. Chang; P. Chen; E. Damiani; E. Damiani; M. Goul & K. Oyama, ed., , Institute of Electrical and Electronics Engineers Inc., cited By 0, 180-187.

238.   Tigane, S.; Kahloul, L.; Benharzallah, S.; Baarir, S. & Bourekkache, S. (2019), 'Reconfigurable GSPNs: A modeling formalism of evolvable discrete-event systems', Science of Computer Programming 183.

239.   Tobbeche, S.; Kalache, S.; Elbar, M.; Kateb, M. N. & Serdouk, M. R. (2019), 'Improvement of the CIGS solar cell performance: structure based on a ZnS buffer layer', Optical and Quantum Electronics 51(8).

240.   Toubal Seghir, N.; Mellas, M.; Sadowski, Å.; Krolicka, A. & Å»ak, A. (2019), 'The Effect of Curing Conditions on the Properties of Cement-Based Composites Blended with Waste Marble Dust', JOM 71(3), 1002-1015.

241.   Touil, D. E.; Terki, N.; Aouina, A. & Ajgou, R. (2019), 'Intelligent Image-based-Visual Servoing for Quadrotor Air Vehicle', Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018 , Institute of Electrical and Electronics Engineers Inc., cited By 0.

242.   Touil, D. E.; Terki, N. & Medouakh, S. (2019), 'Hierarchical convolutional features for visual tracking via two combined color spaces with SVM classifier', Signal, Image and Video Processing 13(2), 359-368.

243.   Yagoub, M. A.; Kazar, O. & Beggas, M. (2019), 'A multi-Agent system approach based on cryptographic algorithm for securing communications and protecting stored data in the cloud-computing environment', International Journal of Information and Computer Security 11(4-5), 413-430.

244.   Yagoub, M. A.; Laouid, A.; Bounceur, A. & Alshaikh, M. (2019), 'An intelligent cloud data protection technique based on multi agent system using advanced cryptographic algorithms', ACM

International Conference Proceeding Series , Association for Computing Machinery, cited By 0.

245. Yahia, A.; Attaf, A.; Saidi, H.; Dahnoun, M.; Khelifi, C.; Bouhdjer, A.; Saadi, A. & Ezzaouia, H. (2019), 'Structural, optical, morphological and electrical properties of indium oxide thin films prepared by sol gel spin coating process', Surfaces and Interfaces 14, 158-165.

246. Zeghadnia, L.; Achour, B. & Robert, J. L. (2019), 'Discussion of "Accurate and efficient explicit approximations of the colebrook flow friction equation based on the wright Ï‰-function" by DejanBrkiÄ‡; and Pavel Praks, Mathematics 2019, 7, 34; doi:10.3390/math7010034', Mathematics 7(3).

247. Zeghadnia, L.; Robert, J. L. & Achour, B. (2019), 'Explicit solutions for turbulent flow friction factor: A review, assessment and approaches classification', Ain Shams Engineering Journal 10(1), 243-252.

248. Zeghdar, K.; Dehimi, L.; Pezzimenti, F.; Rao, S. & Della Corte, F. G. (2019), 'Simulation and analysis of the current-voltage-temperature characteristics of Al/Ti/4H-SiC Schottky barrier diodes', Japanese Journal of Applied Physics 58(1).

249. Zeghib, O.; Allag, A.; Allag, M. & Hamidani, B. (2019), 'A robust extended H âˆž observer based on the mean value theorem designed for induction motor drives', International Journal of Systems Assurance Engineering and Management 10(4), 533-542.

250. Zerguine, S.; Benmeddour, D.; Ouahab, M. Y.; Mabrouki, A. & Mellas, M. (2019), 'Bearing capacity of eccentrically loaded strip footings near a slope', Lecture Notes in Civil Engineering 9, 1285-1293.

251. Zeroual, A.; Fourar, A. & Djeddou, M. (2019), 'Predictive modeling of static and seismic stability of small homogeneous earth dams using artificial neural network', Arabian Journal of Geosciences 12(2).

252. Zighem, M.-E.-E.; Ouafi, A.; Zitouni, A.; Ruichek, Y. & Taleb-Ahmed, A. (2019), 'Two-stages based facial demographic attributes combination for age estimation', Journal of Visual Communication and Image Representation 61, 236-249.

253. Zine-eddine, T.; Zahra, H. & Zitouni, M. (2019), 'Design and analysis of 10 nm T-gate enhancement-mode MOS-HEMT for high power microwave applications', Journal of Science: Advanced Materials and Devices 4(1), 180-187.

254. Zouai, M.; Kazar, O.; Bellot, G. O.; Haba, B.; Kabachi, N. & Krishnamurhty, M. (2019), 'Ambiance intelligence approach using IoT and multi-agent system', International Journal of Distributed Systems and Technologies 10(1), 27-55.