

## Université Ferhat ABBAS Sétif 1

### Production scientifique de l'année 2015

**(350 publications)**

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| <input type="checkbox"/><br><b>1</b> | <u>Characterization of leakage current on the surface of porcelain insulator under contaminated conditions</u>         | <u>Terrab, H., El-Hag, A., Bayadi, A.</u>           | 2015 2015 4th International Conference on Electric Power and Energy Conversion Systems, EPECS 2015<br>7368527                  |
| <input type="checkbox"/><br><b>2</b> | <u>A PAPR reduction for STBC MIMO-OFDM systems in 4G wireless communications using PTS scheme</u>                      | <u>Bouaziz, S., Rekkal, K.</u>                      | 2015 NTIC 2015 - 2015 1st International Conference on New Technologies of Information and Communication, Proceeding<br>7368744 |
| <input type="checkbox"/><br><b>3</b> | <u>Blind image watermarking technique based on differential embedding in DWT and DCT domains</u><br><i>Open Access</i> | <u>Benoraira, A., Benmahammed, K., Boucenna, N.</u> | 2015 <u>Eurasip Journal on Advances in Signal Processing</u><br>2015(1),55   |

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| <input type="checkbox"/><br><b>4</b> | <u>The i shape antenna loaded with ZOR for WLAN and WiMax application</u>  | <u>Lashab, M., Jan, N.A., Chemss-Eddine, Benabdelaziz, F., Abd-Alhameed, R.A.</u> | 2015 2015 Loughborough Antennas and Propagation Conference, LAPC 2015 7366027   |
| <input type="checkbox"/><br><b>5</b> | <u>Bat algorithm for overlapping community detection</u>   | <u>Imane, M., Nadjet, K.</u>  | 2015 IntelliSys 2015 - Proceedings of 2015 SAI Intelligent Systems Conference 7361211, pp. 664-667  |
| <input type="checkbox"/><br><b>6</b> | <u>Synthesis, X-ray crystal structures and catecholase activity investigation of new chalcone ligands</u>                  | <u>Thabti, S., Djedouani, A., Rahmouni, S., (...), Mousser, H., Mousser, A.</u>   | 2015 <u>Journal of Molecular Structure</u> 1102, pp. 295-301  |
| <input type="checkbox"/><br><b>7</b> | <u>GGA+U study on phase transition, optoelectronic and magnetic properties of AmO<sub>2</sub> with spin-orbit coupling</u> | <u>Bendjedid, A., Seddik, T., Khenata, R., (...), Azam, S., Khan, S.A.</u>        | 2015 <u>Journal of Magnetism and Magnetic Materials</u> 396, pp. 190-197  |
| <input type="checkbox"/><br><b>8</b> | <u>Cloud semantic-based dynamic multimodal platform for building mhealth context-aware services</u>                        | <u>Alti, A., Laborie, S., Roose, P.</u>   | 2015 2015 IEEE 11th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2015 7347984, pp. 357-364 |

- 9** P-129: Epidemiology hospital mortality by disease cardiovascular (HTA) in Setif, 2006–2014 | [Épidémiologie de la mortalité hospitalière par maladie cardiovasculaire (HTA) à Sét if, 2006–2014] Mahnane, A., Abdoun, M., Bouaoud, S., (...), Hamdi-Cherif, M., Lafi, N. 2015 Annales de Cardiologie et d'Angeiologie 64, pp. S67
- 10** P-188: Blood pressure control in primary glomerulonephritis: about 153 cases | [Contrôle de la pression artérielle au cours des néphropathies glomérulaires primitives : à propos de 153 cas] Saada, F., Talbi, S., Atrouz, F., Ouanoughi, S. 2015 Annales de Cardiologie et d'Angeiologie 64, pp. S86
- 11** Chemical composition and biological activities of daucus aureus essential oils from eastern Algeria *Open Access* Zaibet, W., Laouer, H., Amira, S., (...), Ramdani, M., Akkal, S. 2015 Journal of the Chilean Chemical Society 60(4), pp. 2721-2728
- 12** Comparative study of the lanthanide (Ln) and actinide (An) triflate complexes  $M(OTf)_n$  Lemmouchi, M., Hannachi, D., Ouddai, N. 2015 Journal of Structural Chemistry 56(8), pp. 1495-1504
- 13** Experimental verification of P&O MPPT algorithm with direct control based on Fuzzy logic control using CUK converter Radjai, T., Gaubert, J.P., Rahmani, L., Mekhilef, S. 2015 International Transactions on Electrical Energy Systems 25(12), pp. 3492-3508
- 14** Growth and properties of electrodeposited transparent Al-doped ZnO nanostructures Baka, O., Mentar, L., Khelladi, M.R., Azizi, A. 2015 Journal of the Korean Physical Society 67(12), pp. 2011-2014
- 15** Möbius transformations and the configuration space of a Hilbert snake *Open Access* Pelletier, F., Saffidine, R., Bensalem, N. 2015 Bulletin des Sciences Mathématiques 139(8), pp. 847-879

- 16  A lightweight key management scheme for wireless sensor networks Messai, M.-L., Seba, H., Aliouat, M. 2015 Journal of Supercomputing 71(12), pp. 4400-4422
- 17  Outlier Detection Approach Using Bayes Classifiers in Wireless Sensor Networks Titouna, C., Aliouat, M., Gueroui, M. 2015 Wireless Personal Communications 85(3), pp. 1009-1023
- 18  Half-metallic ferromagnetism in  $\text{Be}_{1-x}\text{V}_x\text{Te}$  alloys: an Ab-initio study El Amine Monir, M., Khenata, R., Murtaza, G., (...), Bin Omran, S., Ud Din, H. 2015 Indian Journal of Physics 89(12), pp. 1251-1263
- 19  Starch-grafted-polypropylene/kenaf fibres composites. Part 2: Thermal stability and dynamic-mechanical response Hamma, A., Kaci, M., Mohd Ishak, Z.A., Ceccato, R., Pegoretti, A. 2015 Journal of Reinforced Plastics and Composites 34(24), pp. 2045-2058
- 20  L shell fluorescence yields and total ionization and x-ray production cross sections for elements with  $40 \leq Z \leq 92$  Bendjedi, A., Deghfel, B., Kahoul, A., (...), Bentabet, A., Nekkab, M. 2015 Radiation Physics and Chemistry 117, pp. 128-134
- 21  Structural and elastic properties of ternary silicides  $\text{ScTSi}$  (T=Co, Ni, Cu, Ru, Rh, Pd, Ir, Pt) and of the equiatomic intermetallic compounds YTX (T=Ni, Ir and X=Si, Ge, Sn, Pb) Sebehi, N., Bouamama, K., Djemia, P., Kassali, K. 2015 Physica Status Solidi (B) Basic Research 252(12), pp. 2769-2777
- Synthesis and spectral analysis of N-substituted pyrrole salicylaldehyde derivatives-electropolymerization of a new nickel(II)-Schiff base complex Ourari, A., Aggoun, D. 2015 Journal of the Iranian Chemical Society

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| <p><input type="checkbox"/> <u>derived from 6-[3'-N-pyrrolpropoxy]-2-hydroxyacetophenone and 1,2-diaminoethane</u></p> <p><b>22</b></p>    |   | <p>12(11), pp. 1893-1904</p>  |
| <p><input type="checkbox"/> <u>Neutron irradiation and annealing temperature effects of CZ-Silicon</u></p> <p><b>23</b></p>                | <p><u>Nadjet, O., Ahmed, B., Abdelhak, C.</u></p>                   | <p>2015 World Symposium on Mechatronics Engineering and Applied Physics 7338207</p>       |
| <p><input type="checkbox"/> <u>Replacement of a failing node by using a two-phase method</u></p> <p><b>24</b></p>                          | <p><u>Boudries, A., Amad, M., Aliouat, M.</u></p>                   | <p>2015 <u>ACM International Conference Proceeding Series</u> 23-25-November-2015,a73</p> |
| <p><input type="checkbox"/> <u>EMeD-Part: An efficient methodology for horizontal partitioning in data warehouses</u></p> <p><b>25</b></p> | <p><u>Toumi, L., Moussaoui, A., Ugur, A.</u></p>                    | <p>2015 <u>ACM International Conference Proceeding Series</u> 23-25-November-2015,a43</p> |
| <p><input type="checkbox"/> <u>A non-blocking coordinated checkpointing algorithm for message-passing systems</u></p> <p><b>26</b></p>     | <p><u>Mansouri, H., Aliouat, M., Badache, N., Khan, A.-S.P.</u></p> | <p>2015 <u>ACM International Conference Proceeding Series</u> 23-25-November-2015,a34</p> |
| <p><input type="checkbox"/> <u>Ontology matching algorithms</u></p> <p><b>27</b></p>   | <p><u>Brahma, B., Refoufi, A.</u></p>                               | <p>2015 <u>ACM International Conference Proceeding Series</u> 23-25-November-2015,a89</p> |

- A multi-objective binary bat algorithm Amine, L.M., Nadjet, K. 2015 ACM International Conference Proceeding Series 23-25-November-2015,a75  
**28**
- Influence of organoclay filler on the properties of polystyrene/low-density polyethylene blend Mekroud, A., Benachour, D., Bensaad, S. 2015 Composite Interfaces 22(9), pp. 809-822  
**29**
- Optical properties of electron beam- and UV-cured polypropyleneglycoldiacrylate/liquid crystal E7 systems Bouchakour, M., Derouiche, Y., Bouberka, Z., (...), Riahi, F., Maschke, U. 2015 Liquid Crystals 42(11), pp. 1527-1536  
**30**
- Biobased additive plasticizing Polylactic acid (PLA) Maiza, M., Benaniba, M.T., Quintard, G., Massardier-Nageotte, V. 2015 Polimeros 25(6), pp. 581-590  
**31** *Open Access*
- Structural, Elastic, Electronic Optical and Thermodynamic Properties of ZnAl<sub>2</sub>S<sub>4</sub> Haddou, A., Murtaza, G., Khachai, H., (...), Varshney, D., Bouhemadou, A. 2015 International Journal of Thermophysics 36(10-11), pp. 2940-2952  
**32**
- New K-shell fluorescence yields curve for elements with  $3 \leq Z \leq 99$  Daoudi, S., Kahoul, A., Sahnoune, Y., (...), Medjadi, D.E., Nekkab, M. 2015 Journal of the Korean Physical Society 67(9), pp. 1537-1543  
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- 34** On fundamental mechanisms in dye sensitized solar cells through the behaviour of different mesoporous titanium dioxide films  
*Open Access*
- Vaillant, L., Vigil, E., Forcade, F., (...), Ayrat, A., Saint-Grégoire, P. 2015 EPJ Applied Physics 72(2),20404
- 35** The quarries edges stability in opencast mines: a case study of the Jebel Onk phosphate mine, NE Algeria
- Gadri, L., Hadji, R., Zahri, F., (...), Laid, B.M., Raïs, K. 2015 Arabian Journal of Geosciences 8(11), pp. 8987-8997
- 36** A surface acoustic wave sensor functionalized with a polypyrrole molecularly imprinted polymer for selective dopamine detection
- Maouche, N., Ktari, N., Bakas, I., (...), Maurel, F., Chehimi, M.M. 2015 Journal of Molecular Recognition 28(11), pp. 667-678
- 37** Electrochemical and surface characterization of composite material: Polyaniline/LiMn<sub>2</sub>O<sub>4</sub>
- Harfouche, N., Nessark, B., Perrin, F.X. 2015 Journal of Electroanalytical Chemistry 756,2256, pp. 179-185
- 38** Investigation of dielectric behavior of water and thermally aged of XLPE/BaTiO<sub>3</sub> composites in the low-frequency range
- Madani, L., Belkhiat, S., Berrag, A., Nemdili, S. 2015 International Journal of Modern Physics B 29(27),1550186
- 39** Complexity analysis and numerical implementation of a full-Newton step interior-point algorithm for LCCO
- Achache, M., Goutali, M. 2015 Numerical Algorithms 70(2), pp. 393-405
- 40** The role of crosslinking on the physical properties of gelatin based films
- Chaibi, S., Benachour, D., Merbah, M., Esperanza Cagiao, M., Baltá Calleja, F.J. 2015 Colloid and Polymer Science 293(10), pp. 2741-2752

- 41** CSDMAP: Cloud semantic-based dynamic multimodal adaptation platform Alti, A., Wassim, B., Laborie, S., Roose, P. 2015 7th International ACM Conference on Management of Computational and Collective Intelligence in Digital EcoSystems, MEDES 2015 pp. 161-168
- 42** Metamaterial RFID tag designs for long read range Hamzaoui, D., Vuong, T.P., Djahli, F., Kiani, G.I. 2015 IEEE Antennas and Propagation Society, AP-S International Symposium (Digest) 2015-October, 7305271, pp. 1764-1765
- 43** Impact of the location of fuzzy controlled static var compensator on the power system transient stability improvement in presence of distributed wind generation Zebar, A., Hamouda, A., Zehar, K. 2015 Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique 60(4), pp. 426-436
- 44** Electrochemical performance of  $\gamma\text{-Ni(OH)}_2$  prepared from the active mass of used batteries Noufel, K., Bouzid, A., Chelali, N., Zerroual, L. 2015 Russian Journal of Applied Chemistry 88(10), pp. 1711-1717
- 45** Quantization of time-dependent singular potential systems in one-dimension by using the Nikiforov-Uvarov method Menouar, S., Choi, J.R. 2015 Journal of the Korean Physical Society 67(7), pp. 1127-1132  
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- 46  Greenhouse gas emissions from livestock production in rural area of Algeria, the case of Chemini (Kabylie) Moula, N., Salhi, A., Touazi, L., Philippe, F.X. 2015 Livestock Research for Rural Development 27(10)
- 47  Aluminum doped zinc oxide wide band-gap n-type optical window for  $\mu$ c-Si superstrate solar cell Khaled, F., Bouloufa, A., Djessas, K., Mahamdi, R., Bouchama, I. 2015 Vacuum 120, pp. 14-18
- 48  Zinc effect on quantum dots potential of  $PbI_2$  nanostructures Al-Douri, Y., Hashim, U., Bouhemadou, A., Ameri, M. 2015 Journal of Nanoelectronics and Optoelectronics 10(5), pp. 705-710
- 49  New effective projection method for variational inequalities problem Grar, H., Benterki, D. 2015 RAIRO - Operations Research 49(4), pp. 805-820
- 50  Variable step size modified P&O MPPT algorithm using GA-based hybrid offline/online PID controller Harrag, A., Messalti, S. 2015 Renewable and Sustainable Energy Reviews 49,4432, pp. 1247-1260
- 51  Elastic and thermodynamic properties of the  $SiB_2O_4$  (B=Mg, Zn and Cd) cubic spinels: An ab initio FP-LAPW study Bouhemadou, A., Allali, D., Bin-Omran, S., (...), Khenata, R., Al-Douri, Y. 2015 Materials Science in Semiconductor Processing 38, pp. 192-202
- 52  Ab initio study of electronic structure and magnetic properties in ferromagnetic  $Sr_{1-x}(Mn, Cr)_xO$  alloys Berri, S., Kouriche, A., Maouche, D., Zerarga, F., Attallah, M. 2015 Materials Science in Semiconductor Processing 38, pp. 101-106

- 53  Structure, microstructure and magnetic properties of Ni<sub>75</sub>Fe<sub>25</sub> films elaborated by evaporation from nanostructured powder Kaibi, A., Guittoum, A., Öksüzöǧlu, R.M., (...), Boudissa, M., Kechouane, M. 2015 Applied Surface Science 350, pp. 50-56
- 54  First-principles calculation of the structural and elastic properties of ternary metal nitrides Ta<sub>x</sub>Mo<sub>1-x</sub>N and Ta<sub>x</sub>W<sub>1-x</sub>N *Open Access* Bouamama, K., Djemia, P., Benhamida, M. 2015 Journal of Physics: Conference Series 640(1),012022
- 55  Anti-inflammatory activity of methanolic extract of Santolina chamaecyparissus Bouriche, H., Moussaoui, S., Meziti, H., Senator, A. 2015 Acta Horticulturae 1098, pp. 23-30
- 56  A broadband characterization of BaM thin film using coplanar line Zerrougui, Z. 2015 ACM International Conference Proceeding Series 24-26-September-2015,a10
- 57  A novel copper(ii) complex with an unsymmetrical tridentate-Schiff base: synthesis, crystal structure, electrochemical, morphological and electrocatalytic behaviors toward electroreduction of alkyl and aryl halides Ourari, A., Derafa, W., Aggoun, D. 2015 RSC Advances 5(101), pp. 82894-82905
- 58  Triple differential cross sections for the ionization of the valence states of NH<sub>3</sub> by electron impact El Mir, R., Casagrande, E.M.S., Naja, A., (...), Houamer, S., Omar, F.E. 2015 Journal of Physics B: Atomic, Molecular and Optical Physics 48(17),175202

- 59** A differential evolution algorithm for tooth profile optimization with respect to balancing specific sliding coefficients of involute cylindrical spur and helical gears *Open Access* Abderazek, H., Ferhat, D., Atanasovska, I., Boualem, K. 2015 Advances in Mechanical Engineering 7(9), pp. 1-11
- 60** XCLSC: Structure and content-based clustering of XML documents Bessine, K., Nehar, A., Cherroun, H., Moussaoui, A. 2015 12th International Symposium on Programming and Systems, ISPS 2015 7244989, pp. 221-227
- 61** Fault detection in component-based models: Using BIP models Mounya, S., Makhlouf, A., Zibouda, A. 2015 12th International Symposium on Programming and Systems, ISPS 2015 7245007, pp. 357-365
- 62** Distributed energy efficient adaptive clustering protocol with data gathering for large scale wireless sensor networks Gherbi, C., Aliouat, Z., Benmohammed, M. 2015 12th International Symposium on Programming and Systems, ISPS 2015 7244966, pp. 57-63
- 63** Periodic pseudo-Hermitian Hamiltonian: Nonadiabatic geometric phase Maamache, M. 2015 Physical Review A - Atomic, Molecular, and Optical Physics 92(3),032106

- Double Ionization DNA bases by electron impact  
**64** *Open Access* Mansouri, A., Khelladi, M.F., Dal Cappello, C. 2015 Journal of Physics: Conference Series 635(7),072072
- A study of the turn-up effect in the Electron Momentum Spectroscopy  
**65** *Open Access* Menas, F., Cappello, C.D., Houamer, S. 2015 Journal of Physics: Conference Series 635(5),052017
- Ionization of atoms and molecules by electron impact: A three body wave treatment  
**66** *Open Access* Houamer, S., Cappello, C.D., Chinoune, M. 2015 Journal of Physics: Conference Series 635(5),052053
- 3D ordered mesoporous Fe-KIT-6 catalysts for methylcyclopentane (MCP) conversion and carbon dioxide (CO<sub>2</sub>) hydrogenation for energy and environmental applications  
**67** Merkache, R., Fechete, I., Maamache, M., (...), Al-Dalama, K., Garin, F. 2015 Applied Catalysis A: General 504, pp. 672-681
- Magnetic Properties of Evaporated Ni Thin Films: Effect of Substrates, Thickness, and Cu Underlayer  
**68** Hemmous, M., Layadi, A., Kerkache, L., (...), Preobrazhensky, V., Pernod, P. 2015 Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science 46(9), pp. 4143-4149
- A study of the turn-up effect in the electron momentum spectroscopy  
**69** Cappello, C.D., Menas, F., Houamer, S., Popov, Y.V., Roy, A.C. 2015 Journal of Physics B: Atomic, Molecular and Optical Physics 48(20),205201

- 70  [MCIP: High configurable 8-bit microcontroller IP-core](#) Mezzah, I., Chemali, H., Mezzah, S., Kermia, O., Abdelmalek, O. 2015 Proceedings of the 2015 Science and Information Conference, SAI 2015 7237324, pp. 1387-1390
- 71  [Numerical studies of phase for the angular Talot effect](#) *Open Access* Khebbache, N., Diabi, S., Ferria, K. 2015 [Ukrainian Journal of Physical Optics](#) 16(4), pp. 165-170
- 72  [Crystal structure of 1,1'-\(pentane-1,5-diyl\)bis-\[\(azaniumylidene\)methanylylidene\]bis-\(naphthalen-2-olate\)](#) *Open Access* Ouari, K., Merzougui, M., Karmazin, L. 2015 [Acta Crystallographica Section E: Crystallographic Communications](#) 71, pp. 1010-1012
- 73  [Design and real time implementation of fuzzy switched controller for single phase active power filter](#) Afghoul, H., Krim, F., Chikouche, D., Beddar, A. 2015 [ISA Transactions](#) 58, pp. 614-621
- 74  [A combined methodology of  \$H^\infty\$  fuzzy tracking control and virtual reference model for a pmsm](#) *Open Access* Ounnas, D., Ramdani, M., Chenikher, S., Bouktir, T. 2015 [Advances in Electrical and Electronic Engineering](#) 13(3), pp. 212-222
- 75  [Constitutive modelling effect on the numerical prediction of springback due to a stretch-bending test applied on titanium T40 alloy](#) Maati, A., Tabourot, L., Balland, P., (...), Vautrot, M., Ksikisi, N. 2015 [Archives of Civil and Mechanical Engineering](#) 15(4), pp. 836-846
- 76  [The interscrotal approach to inguinoscrotal pathologies](#) *Open Access* Soualili, Z., Achouri, D., Haif, A., (...), Mimoune, M., Chouaib, S. 2015 [Arab Journal of Urology](#) 13(3), 301, pp. 176-178

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| <p><input type="checkbox"/> <u>Santé et équité. Vers une économie politique de la santé</u><br/><b>77</b></p>  | <p><u>Djenane, A.-M.</u></p>  | <p>2015 <u>Pensee Plurielle</u><br/>39(2), pp. 109-120</p>   |
| <p><input type="checkbox"/> <u>Pour un système de santé qui profite à tous: L'Algérie face au défi de l'approche systémique</u><br/><b>78</b></p>  | <p><u>Akki-Alouani, A.</u></p>  | <p>2015 <u>Pensee Plurielle</u><br/>39(2), pp. 93-107</p>  |
| <p><input type="checkbox"/> <u>Quantum-inspired Differential Evolution with Particle Swarm Optimization for knapsack problem</u><br/><b>79</b></p>   | <p><u>Zouache, D., Moussaoui, A.</u></p>                                  | <p>2015 <u>Journal of Information Science and Engineering</u><br/>31(5), pp. 1779-1795</p>                         |
| <p><input type="checkbox"/> <u>Fractional order direct current control algorithm for three-phase grid-connected PV system</u><br/><b>80</b></p>  | <p><u>Afghoul, H., Krim, F., Chikouche, D., Beddar, A.</u></p>            | <p>2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br/>7233004</p> |
| <p><input type="checkbox"/> <u>Experimental and theoretical study of a new synthesized Quinoline derivative as Greene inhibitor of corrosion for the cooling circuits in desalinated water</u><br/><b>81</b></p> | <p><u>Daoud, D., Douadi, T., Hamani, H., Ghobrini, D., Aiboud, K.</u></p> | <p>2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br/>7233032</p> |
| <p><input type="checkbox"/> <u>H-infinity controller design for blood glucose regulation in diabetes patients in the presence of uncertain parameters</u><br/><b>82</b></p>                                      | <p><u>Hachana, A., Abdelaziz, M.</u></p>                                  | <p>2015 3rd International Conference on Control, Engineering and</p>   |

Information Technology,  
CEIT 2015  
7233036

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| □ <u>Fuzzy adaptive backstepping sliding mode control of the cart-pendulum system</u><br><b>83</b>                          | <u>Khalissa, B., Djamila, Z., Khier, B., Ahmed, A.T.</u>         | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233181 |
| □ <u>Information retrieval: A new multilingual stemmer based on a statistical approach</u><br><b>84</b>                     | <u>Gadri, S., Moussaoui, A.</u>                                  | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233113 |
| □ <u>Design of a robust observer-based FDI scheme for a class of switched systems subject to sensor faults</u><br><b>85</b> | <u>Belkhiat, D.E.C., Chouaba, S.E.A., Fourati, H., Jabri, D.</u> | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233026 |
| □ <u>PAPR reduction in SFBC-MIMO-MC-CDMA systems using method of attenuation complex chips</u><br><b>86</b>                 | <u>Merah, H., Slimani, D., Alsharekh, M.F.</u>                   | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015            |

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| <input type="checkbox"/> <b>87</b> <u>Genetic algorithm based adaptive fuzzy terminal synergetic DC-DC converter control</u>   | <u>Nettari, Y., Harmas, M.N.</u>                                       | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233108 |
| <input type="checkbox"/> <b>88</b> <u>Multi phases stator short-circuits faults diagnosis &amp; classification in DFIG using wavelet &amp; fuzzy based technique</u> | <u>Bourdim, S., Hemsas, K.-E., Harbouche, Y., Azib, T.</u>             | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233090 |
| <input type="checkbox"/> <b>89</b> <u>Fuzzy quasi LPV model for a cross flow heat exchanger</u>  | <u>Chouaba, S.E.A., Belkhiat, D.E.C., Sari, B., Felix-Herran, L.C.</u> | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233040 |
| <input type="checkbox"/> <b>90</b> <u>2D-FDTD-UPML simulation of wave propagation on dispersive media</u>  | <u>Mehennaoui, N., Merzouki, Az., Slimani, D.</u>                      | 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015<br>7233034 |



- 91  3D finite element analyses and design optimization of AFPM for flywheel energy storage system Bendib, M., Belhouchat, K., Hachemi, M. 2015 3rd International Conference on Control, Engineering and Information Technology, CEIT 2015 7233076
- 92  Influence of alkali treatment on the mechanical properties of new cane fibre/polyester composites Chikouche, M.D.L., Merrouche, A., Azizi, A., Rokbi, M., Walter, S. 2015 Journal of Reinforced Plastics and Composites 34(16), pp. 1329-1339
- 93  Numerical investigation of the optimal operative conditions for the dry reforming reaction in a fixed-bed reactor: Role of the carbon deposition and gasification reactions Benguerba, Y., Dehimi, L., Virginie, M., Dumas, C., Ernst, B. 2015 Reaction Kinetics, Mechanisms and Catalysis 115(2), pp. 483-497
- 94  Carbon sequestration by direct seeding of wheat in setif high plains (North East of Algeria) ( Book Chapter) Fenni, M., Nadjem, K., Mekhlouf, A. 2015 Progress in Clean Energy 1, pp. 615-621
- 95  Functionalization of nano-emulsions with an amino-silica shell at the oil-water interface  
*Open Access* Attia, M.F., Anton, N., Bouchaala, R., (...), Mély, Y., Vandamme, T.F. 2015 RSC Advances 5(91), pp. 74353-74361
- 96  Characterization of new natural cellulosic fiber from Lygeum spartum L. Belouadah, Z., Ati, A., Rokbi, M. 2015 Carbohydrate Polymers 134, pp. 429-437

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