

# Université Ferhat ABBAS Sétif 1

## Production scientifique de l'année 2014

(284 publications)

- 1  CPW-Fed antenna based on Metamaterial for Broadband application Lashab, M., Eddine, C., Jan, N.A., (...), Abd-Alhameed, R.A., Child, M. 2014 2014 Loughborough Antennas and Propagation Conference, LAPC 2014 6996341, pp. 144-147
- 2  Influence of electropolymerization method on morphologies and capacitive properties of polypyrrole films growing on silicon Chikouche, I., Sahari, A., Zouaoui, A. 2014 Surface Review and Letters 21(6),1450082
- 3  LEACH-CKM: Low Energy Adaptive Clustering Hierarchy protocol with K-means and MTE Mechta, D., Harous, S., Alem, I., Khebbab, D. 2014 2014 10th International Conference on Innovations in Information Technology, IIT 2014 6987570, pp. 99-103
- 4  Surface acoustic wave sensor based on nickel(II) phthalocyanine thin films for organophosphorous pesticides selective detection Bakas, I., Fourati, N., Zerrouki, C., (...), Aswal, D.K., Chehimi, M.M. 2014 Proceedings of IEEE Sensors 2014-December(December),6984998, pp. 321-324
- 5  A quasistatic electro-elastic contact problem with normal compliance, friction and adhesion Chougui, N., Drabla, S. 2014 Electronic Journal of Differential Equations 2014,257

- 6  Optimized electrode arrangement and activation of bioelectrodes activity by carbon nanoparticles for efficient ethanol microfluidic biofuel cells Selloum, D., Tingry, S., Techer, V., (...), Innocent, C., Zouaoui, A. 2014 Journal of Power Sources 269, pp. 834-840
- 7  Efficient solutions for the complement of  $ww^R$  and the complement of  $ww$  Refoufi, A. 2014 Journal of Digital Information Management 12(6), pp. 349-356
- 8  Energy management and control strategy of hybrid energy storage system for fuel cell power sources Azib, T., Hemsas, K.E., Larouci, C. 2014 International Review on Modelling and Simulations 7(6), pp. 935-944
- 9  Constituents from Bupleurum montanum (Coss. & Dur.) (Apiaceae)  
*Open Access* Benahmed, M., Akkal, S., Elomri, A., (...), Vérité, P., Seguin, E. 2014 Arabian Journal of Chemistry 7(6), pp. 1065-1069
- 10  Search of a robust defect signature in gear systems across adaptive Morlet wavelet of vibration signals Ayad, M., Chikouche, D., Boukazzoula, N., Rezki, M. 2014 IET Signal Processing 8(9), pp. 918-926
- 11  Analysis and approximation of frictionless contact problems between two piezoelectric bodies with adhesion Hadj Ammar, T., Drabla, S., Benabderrahmane, B. 2014 Georgian Mathematical Journal 21(4), pp. 431-445
- 12  Crystal structure of tetraaqua(5,5'-dimethyl-2,2'-bipyridyl- $\kappa^2$  N,N')iron(II) sulfate  
*Open Access* Belamri, Y., Setifi, F., Francuski, B.M., Novaković, S.B., Zouaoui, S. 2014 Acta Crystallographica Section E: Structure Reports Online 70(12), pp. 544-546
- 13  Plasma total homocysteine levels and other biochemical parameters in Algerian patients with deep vein thrombosis Amrane, M., Begag, S., Houcher, Z. 2014 Pteridines 25(3-4), pp. 69-74

(...), Boussouf, K., Khattabi, S.

- 14  Ab initio prediction of the structural, electronic, elastic and thermodynamic properties of the tetragonal ternary intermetallics  $\text{XCu}_2\text{Si}_2$  (X = Ca, Sr) Reffas, M., Bouhemadou, A., Haddadi, K., Bin-Omran, S., Louail, L. 2014 European Physical Journal B 87(12),283, pp. 1-16
- 15  Optical investigations of  $\text{Zn}_x\text{Cd}_{1-x}\text{S}$  nanostructures Al-Douri, Y., Ameri, M., Bouhemadou, A. 2014 Optik 125(23), pp. 6958-6961
- 16  Implementation of a modified incremental conductance MPPT algorithm with direct control based on a fuzzy duty cycle change estimator using dSPACE Radjai, T., Rahmani, L., Mekhilef, S., Gaubert, J.P. 2014 Solar Energy 110, pp. 325-337
- 17  Preparation and characterization of polyaniline+ $\text{TiO}_2$  composite films Abaci, S., Nessark, B., Riahi, F. 2014 Ionics 20(12), pp. 1693-1702
- 18  A novel grating monopole antenna: (With defected ground plane) for DVB-T application Zebiri, C., Benabdelaziz, F., Lashab, M., Hameed, R.A., Elmegri, F. 2014 Proceedings - IEEE International Conference on Ultra-Wideband 6958970, pp. 162-165
- 19  Characterization of organomontmorillonite (organo-MMT) and study of its effects upon the formation of poly(methyl methacrylate)/organo-MMT nanocomposites prepared by in situ solution polymerisation Boudjemaa, S., Djellouli, B. 2014 Russian Journal of Applied Chemistry 87(10), pp. 1464-1473
- 20  Unity power factor Converter based on a Fuzzy controller and Predictive Input Current Bouafassa, A., Rahmani, L., Kessal, A., Babes, B. 2014 ISA Transactions 53(6), pp. 1817-1821

- 21** Removal of Cd(II) and Co(II) ions from aqueous solutions by polypyrrole particles: Kinetics, equilibrium and thermodynamics Seid, L., Chouder, D., Maouche, N., Bakas, I., Barka, N. 2014 Journal of the Taiwan Institute of Chemical Engineers 45(6), pp. 2969-2974
- 22** Automation of fault diagnosis of bearing by application of fuzzy inference system (FIS) *Open Access* Harrouche, F., Felkaoui, A. 2014 Mechanics and Industry 15(6), pp. 477-485
- 23** Energy efficient clustering for wireless sensor networks Aliouat, Z., Harous, S. 2014 International Journal of Pervasive Computing and Communications 10(4), pp. 469-480
- 24** Frictional contact problems for electro-viscoelastic materials with long-term memory, damage, and adhesion Ammar, T.H. 2014 Electronic Journal of Differential Equations 2014
- 25** Erratum to: Mechanical, piezoelectric and some thermal properties of (B3) BP under pressure [J. Cent. South Univ., (2014), 21, 58-64, 10.1007/s11771-014-1915-6] *Open Access* Daoud, S., Bioud, N., Lebgaat, N. 2014 Journal of Central South University 21(10), pp. 4051
- 26** Existence and exponential decay of solutions for transmission problems with delay Benseghir, A. 2014 Electronic Journal of Differential Equations 2014
- 27** Mzabimyces algeriensis gen. nov., sp. nov., a halophilic filamentous actinobacterium isolated from a Saharan soil, and proposal of Mzabimycetaceae fam. nov Saker, R., Bouras, N., Zitouni, A., (...), Sabaou, N., Klenk, H.-P. 2014 Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 106(5), pp. 1021-1030
- Risk factors analysis using the fuzzyfication of reason's model Bouharati, S., Allag, P., Belmahdi, 2014 2014 1st International Conference on Information and Communication

- 28 M., Bounechada, M., Boumaiza, S. Technologies for Disaster Management, ICT-DM 2014 6917789
- 29 Using multivariate approach and GIS applications to predict slope instability hazard case study of Machrouha municipality, NE Algeria Hadji, R., Limani, Y., Demdoum, A. 2014 2014 1st International Conference on Information and Communication Technologies for Disaster Management, ICT-DM 2014 6917787
- 30 Phenotypic variability and relations between the morpho-physiological traits of three F5 populations of durum wheat (*Triticum durum* Desf.) evaluated under semi-arid conditions Oulmi, A., Benmahammed, A., Laala, Z., Adjabi, A., Bouzerzour, H. 2014 Advances in Environmental Biology 8(21), pp. 436-443
- 31 A new negative selection algorithm for adaptive network intrusion detection system Ramdane, C. 2014 International Journal of Information Security and Privacy 8(4), pp. 1-25
- 32 Effect of anisotropic magneto-chirality on microstrip resonator characteristics ( Book Chapter) Zebiri, C., Benabdelaziz, F., Lashab, M. 2014 Development of Complex Electromagnetic Problems using FDTD Subgridding in Hybrid Computational Techniques pp. 143-205
- 33 Improvement of the properties of sandblasted glass by acrylic coatings Kolli, M., Laouamri, H., Zaboub, M., Bouaouadja, N. 2014 Glass Technology: European Journal of Glass Science and Technology Part A 55(5), pp. 146-152
- 34 Engineering the surface chemistry of porous polymers by click chemistry and evaluating the interface properties by Raman spectroscopy and electrochromatography Guerrouache, M., Mahouche-Chergui, S., Mekhalif, T., 2014 Surface and Interface Analysis 46(10-11), pp. 1009-1013

- (...), Chehimi, M.M., Carbonnier, B.
- 35  Structural and Mössbauer studies of evaporated Fe<sub>100-x</sub>Pd<sub>x</sub> thin films Laggoun, A., Guittoum, A., Bahamida, S., Boudissa, M., Fnidiki, A. 2014 EPJ Applied Physics 68(2),20301
- 36  Magnetic properties of obliquely evaporated Co thin films Kharmouche, A. 2014 EPJ Applied Physics 68(1),10301
- 37  Effect of contraction force and knee joint angle on the spatial representation of soleus activity using high-density surface EMG Reffad, A., Mebarkia, K., Vieira, T.M.M., Disselhorst-Klug, C. 2014 Biomedizinische Technik 59(5), pp. 399-411
- 38  Ab initio study of the structural and optoelectronic properties of the half-Heusler CoCr Z (Z = Al, Ga) Missoum, A., Seddik, T., Murtaza, G., (...), Meradji, H., Baltache, H. 2014 Canadian Journal of Physics 92(10), pp. 1105-1112
- 39  Global descent method for constrained continuous global optimization Ketfi-Cherif, A., Ziadi, A. 2014 Applied Mathematics and Computation 244, pp. 209-221
- 40  An efficient hybrid genetic algorithm to design finite impulse response filters Boudjelaba, K., Ros, F., Chikouche, D. 2014 Expert Systems with Applications 41(13), pp. 5917-5937
- 41  General boundary stabilization result of memory-type thermoelasticity with second sound Boulanouar, F., Drabla, S. 2014 Electronic Journal of Differential Equations 2014

- 42  Language identification: A new fast algorithm to identify the language of a text in a multilingual corpus Gadri, S., Moussaoui, A., Belabdelouahab-Fernini, L. 2014 International Conference on Multimedia Computing and Systems -Proceedings 6911338, pp. 321-326
- 43  Potential of Particle Swarm Optimization and Genetic Algorithms for FIR Filter Design *Open Access* Boudjelaba, K., Ros, F., Chikouche, D. 2014 Circuits, Systems, and Signal Processing 33(10), pp. 3195-3222
- 44  Dynamic-semantic and neighborhood voting in a decentralized approach for document adaptation Altı, A., Boukerram, A., Roose, P. 2014 MEDES 2014 - 6th International Conference on Management of Emergent Digital EcoSystems, Proceedings pp. 125-126
- 45  Characterization of organomontmorillonite (Organo-MMT) and study of its effects upon the formation of poly (methyl methacrylate)/Organo-MMT nanocomposites prepared by in-situ solution polymerisation Boudjemaa, S., Djellouli, B. 2014 Revue Roumaine de Chimie 59(9), pp. 769-779
- 46  Effect of the quenching temperature on the mechanical and thermophysical properties of polycarbonate pigmented with titanium dioxide Rouabah, F., Dadache, D., Fois, M., Haddaoui, N. 2014 Journal of Polymer Engineering 34(7), pp. 657-663
- 47  Influence of solar radiation on the performance of organic solar cell Guechi, A., Chegaar, M., Merabet, A. 2014 Physica Status Solidi (C) Current Topics in Solid State Physics 11(9-10), pp. 1408-1411
- 48  Structural, electrical and optical properties of CuGaTe<sub>2</sub> absorber for thin-film solar cells Messous, A., Bouloufa, A., Djessas, K., Bouchama, I. 2014 Physica Status Solidi (C) Current Topics in Solid State Physics 11(9-10), pp. 1443-1446

- 49  Time trends of cancer incidence in Setif, Algeria, 1986-2010: An observational study  
*Open Access*
- 50  Blowing-up solutions to systems of fractional differential and integral equations with exponential non-linearities
- 51  Characterisation and antimicrobial activity of the volatile components of the flowers of *Magydaris tomentosa* (Desf.) DC. collected in Sicily and Algeria
- 52  Design of a robust and indirect adaptive fuzzy sliding mode power system stabilizer using particle swarm optimization
- 53  Robust  $H_\infty$  tracking control design for a class of switched linear systems using descriptor redundancy approach
- 54  Generation of Laguerre-Gaussian  $LG_{p0}$  beams using binary phase diffractive optical elements
- 55  Hydrogels based on 2-hydroxyethylmethacrylate and chitosan: Preparation, swelling behavior, and drug delivery
- Hamdi Cherif, M., Serraino, D., Mahnane, A., (...), De Paoli, P., Bidoli, E.
- Kadem, A., Kirane, M., Kirk, C.M., Olmstead, W.E.
- Khaoukha, G., Ben Jemia, M., Amira, S., (...), Scandolera, E., Senatore, F.
- Saoudi, K., Harmas, M.N., Bouchama, Z.
- Belkhiat, D.E.C., Jabri, D., Fourati, H.
- Bencheikh, A., Fromager, M., Ameer, K.A.
- Dilmi, A., Bartil, T., Yahia, N., Benneghmouche, Z.
- 2014 BMC Cancer 14(1),637
- 2014 IMA Journal of Applied Mathematics (Institute of Mathematics and Its Applications) 79(6), pp. 1077-1088
- 2014 Natural Product Research 28(15), pp. 1152-1158
- 2014 Energy Sources, Part A: Recovery, Utilization and Environmental Effects 36(15), pp. 1670-1680
- 2014 2014 European Control Conference, ECC 2014 6862259, pp. 2248-2253
- 2014 Applied Optics 53(21), pp. 4761-4767
- 2014 International Journal of Polymeric Materials and Polymeric Biomaterials 63(10), pp. 502-509



- 56** Adaptive genetic algorithm-based approach to improve the synthesis of two-dimensional finite impulse response filters  
*Open Access* Boudjelaba, K., Ros, F., Chikouche, D. 2014 IET Signal Processing 8(5), pp. 429-446
- 57** The effect of di-(-2-ethyl hexyl) phthalate (DEHP) as plasticizer on the thermal and mechanical properties of PVC/PMMA blends  
*Open Access* Aouachria, K., Quintard, G., Massardier-Nageotte, V., Belhaneche-Bensemra, N. 2014 Polimeros 24(4), pp. 428-433
- 58** Study of nanoclay blends based on poly(ethylene terephthalate)/poly(ethylene naphthalene 2,6-dicarboxylate) prepared by reactive extrusion  
*Open Access* Zouai, F., Bouhelal, S., Cagiao, M.E., (...), Benachour, D., Calleja, F.J.B. 2014 Journal of Polymer Engineering 34(5), pp. 431-439
- 59** Detection and analysis of degradation in the physical and electrical parameters in the PV cell KHenfer, R., Mostefai, M., Benahdoug, S., Eddiai, A. 2014 Journal of Optoelectronics and Advanced Materials 16(7-8), pp. 842-848
- 60** Improving Software Implementation of Computer Generated Holograms Slimani, W., Beniaiche, A. 2014 Arabian Journal for Science and Engineering 39(7), pp. 5791-5797
- 61** Structure, surface morphology and electrical properties of evaporated Ni thin films: Effect of substrates, thickness and Cu underlayer Hemmous, M., Layadi, A., Guittoum, A., (...), Mebarki, M., Menni, N. 2014 Thin Solid Films 562, pp. 229-238
- 62** Current reversals in rapidly rotating ultracold Fermi gases  
*Open Access* Bencheikh, K., Medjedel, S., Vignale, G. 2014 Physical Review A - Atomic, Molecular, and Optical Physics 89(6),063620

- 63  Adipate as a tetradentate bridging ligand: Synthesis, structure and properties of Cu(II) and Ni(II) compounds with 2,2'-dipyridylamine as a terminal co-ligand Setifi, Z., Setifi, F., Ghazzali, M., (...), Pérez, O., Reedijk, J. 2014 Polyhedron 75, pp. 68-72
- 64  Electronic and optical properties of the SiB<sub>2</sub>O<sub>4</sub> (B=Mg, Zn, and Cd) spinel oxides: An ab initio study with the Tran-Blaha-modified Becke-Johnson density functional Allali, D., Bouhemadou, A., Safi, E.M.A.A., (...), Khenata, R., Reshak, A.H. 2014 Physica B: Condensed Matter 443, pp. 24-34
- 65  Ga-optimized parameters of sliding-mode controller based on both output voltage and input current with an application in the PFC of AC/DC converters Kessal, A., Rahmani, L. 2014 IEEE Transactions on Power Electronics 29(6),6565352, pp. 3159-3165
- 66  Kinetics of growth and consumption of Ni rich phases Tellouche-Derafa, G., Hoummada, K., Derafa, A., (...), Portavoce, A., Mangelinck, D. 2014 Microelectronic Engineering 120, pp. 146-149
- 67  Effect of alloying elements Mo and W on Ni silicides formation Derafa, A., Tellouche, G., Hoummada, K., Bouabellou, A., Mangelinck, D. 2014 Microelectronic Engineering 120, pp. 150-156
- 68  Structural, magnetic and electrical properties of Fe<sub>x</sub>Ni<sub>100-x</sub>/Si(100) films Guechi, N., Bourzami, A., Guittoum, A., (...), Colis, S., Meni, N. 2014 Physica B: Condensed Matter 441, pp. 47-53
- 69  Antiradical Activity of Flavonoids from the Algerian Native Plant: Centaurea microcarpa Coss. et Dur. Louaar, S., Zellagui, A., Gherraf, N., (...), Laouer, H., Akkal, S. 2014 Journal of Biologically Active Products from Nature 4(3), pp. 249-253

- 70  SFP PC-26 - Off-label use of medications in pediatrics | [SFP PC-26 - Utilisation des médicaments hors AMM en pédiatrie] | Aouati, S.K., Allache, A., Guettaf, A., Guettaf, S., Laouamen, Y. 2014 Archives de Pédiatrie 21(5), pp. 916
- 71  Fucans from a Tunisian brown seaweed *Cystoseira barbata*: Structural characteristics and antioxidant activity | Sellimi, S., Kadri, N., Barragan-Montero, V., (...), Hajji, M., Nasri, M. 2014 International Journal of Biological Macromolecules 66, pp. 281-288
- 72  A limit theorem for local time and application to random sets | Laissaoui, D., Benchérif-Madani, A. 2014 Statistics and Probability Letters 88(1), pp. 107-117
- 73  Dead layer on silicon p-i-n diode charged-particle detectors  
*Open Access* | Wall, B.L., Amsbaugh, J.F., Beglarian, A., (...), Wierman, K.J., Wilkerson, J.F. 2014 Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 744, pp. 73-79
- 74  Erratum: Data mining from multiple heterogeneous relational databases using decision tree classification (Pattern Recognition Letters (2014) 40 (136)) | Mehenni, T., Moussaoui, A. 2014 Pattern Recognition Letters 40(1), pp. 136
- 75  Characteristics of gold supported on nickel-containing hydrotalcite catalysts in CO oxidation | Arab, L., Boutahala, M., Djellouli, B., Dintzer, T., Pitchon, V. 2014 Applied Catalysis A: General 475, pp. 446-460
- 76  Poly(pyrrole) films efficiently electrodeposited using new monomers derived from 3-bromopropyl-N-pyrrol and dihydroxyacetophenone-Electrocatalytic reduction ability towards bromocyclopentane | Ourari, A., Aggoun, D., Ouahab, L. 2014 Colloids and Surfaces A: Physicochemical and Engineering Aspects 446, pp. 190-198

- 77  Combined approach between FLC and PSO to find the best MFs to improve the performance of PV system Rahma, A., Khemliche, M. 2014 2014 International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2014 7077038
- 78  Polyphenols content and antioxidant properties of extracts from selected hypotensive plants in Algeria ( Book Chapter) Bouaziz, A., Khenouf, S., Bentahar, A., (...), Dahamna, S., Amira, S. 2014 Biotechnology and Conservation of Species from Arid Regions 2-2, pp. 363-370
- 79  Assessment of power system transient stability using shunt FACTS devices: SVC and TCBR Messalti, S., Gherbi, A., Belkhiat, S. 2014 2014 International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2014 7077014
- 80  Essential oil from Artemisia herba-alba Asso grown wild in Algeria: Variability assessment and comparison with an updated literature survey Open Access Belhattab, R., Amor, L., Barroso, J.G., Pedro, L.G., Cristina Figueiredo, A. 2014 Arabian Journal of Chemistry 7(2), pp. 243-251
- 81  A full Nesterov-Todd-step feasible primal-dual interior point algorithm for convex quadratic semi-definite optimization Achache, M., Guerra, L. 2014 Applied Mathematics and Computation 231, pp. 581-590
- 82  Theoretical study of structural, elastic and thermodynamic properties of CZTX (X = S and Se) alloys Bensalem, S., Chegaar, M., Maouche, D., Bouhemadou, A. 2014 Journal of Alloys and Compounds 589, pp. 137-142
- 83  Maximum loading point in distribution system with renewable resources penetration Guerriche, K.R., Bouktir, T. 2014 Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014

7059767, pp. 481-486

- 84** Resolution of Economic Dispatch problem considering wind power penetration planning Salhi, A., Naimi, D., Bouktir, T. 2014 Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014 7059911, pp. 395-400
- 85** Optimal sizing and placement of renewable energy source in large scale power system using ABC technique in presence of UPFC Sebaa, H., Guerriche, K.R., Bouktir, T. 2014 Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014 7059912, pp. 294-299
- 86** Experimental analysis of genetic algorithms based MPPT for PV systems Hadji, S., Gaubert, J.-P., Krim, F. 2014 Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014 7059887, pp. 7-12
- 87** Transfer excitation reactions in fast proton-helium collisions  
*Open Access* Schöffler, M.S., Kim, H.-K., Chuluunbaatar, O., (...), Popov, Y.V., Bulychev, A.A. 2014 Physical Review A - Atomic, Molecular, and Optical Physics 89(3),032707
- 88** In vivo anti-inflammatory and in vitro antioxidant activities of Genista quadriflora munby extracts Boubekri, N., Belloum, Z., Boukaabache, R., (...), Benayache, F., Benayache, S. 2014 Der Pharmacia Lettre 6(1), pp. 1-7
- 89** The comparison of two tannin extraction methods from Galium tunetanum poiret and their antioxidant capacities Gaamoune, S., Harzallah, D., Kada, S., Dahamna, S. 2014 Der Pharmacia Lettre 6(1), pp. 114-119

- 90  A Compact planar UWB antenna with triple controllable band-notched characteristics  
*Open Access* Abdelhalim, C., Farid, D. 2014 International Journal of Antennas and Propagation  
2014,848062
- 91  Comparative study of multimodal biometric recognition by fusion of iris and fingerprint  
*Open Access* Benaliouche, H., Touahria, M. 2014 The Scientific World Journal  
2014,829369
- 92  Communication's Role in Safety Management and Performance for the Road Safety Practices  
*Open Access* Keffane (s), S. 2014 International Journal of Transportation Science and Technology  
3(1), pp. 79-94
- 93  Theoretical study of elastic, mechanical and thermodynamic properties of MgRh intermetallic compound  
*Open Access* Boucetta, S. 2014 Journal of Magnesium and Alloys  
2(1), pp. 59-63
- 94  Traditional use of medicinal plants in a city at steppic character (M'sila, Algeria) Sarri, M., Mouyet, F.Z., Benziane, M., Cheriet, A. 2014 Journal of Pharmacy and Pharmacognosy Research  
2(2), pp. 31-35
- 95  Investigation of alumina pellets for optical glass grinding Bouzid, D., Belkhir, N. 2014 Archives of Materials Science and Engineering  
66(1), pp. 14-17
- 96  Firefly Feature subset selection application to Arabic speaker recognition system Harrag, A., Harrag, N. 2014 Engineering Intelligent Systems  
22(1), pp. 59-64
- 97  Adsorption characteristics, isotherm, kinetics, and diffusion of modified natural bentonite for removing the 2,4,5-trichlorophenol Zaghouane-Boudiaf, H., Boutahala, 2014 Applied Clay Science  
90, pp. 81-87

- M., Sahnoun, S., Tiar, C., Gomri, F.
- 98  Structural phase transition, mechanical and optoelectronic properties of the tetragonal NaZnP: Ab-initio study Djied, A., Khachai, H., Seddik, T., (...), Alahmed, Z.A., Ameri, M. 2014 Computational Materials Science 84, pp. 396-403
- 99  A link-state QoS routing protocol based on link stability for Mobile Ad hoc Networks Moussaoui, A., Semchedine, F., Boukerram, A. 2014 Journal of Network and Computer Applications 39(1), pp. 117-125
- 100  Structural, elastic, electronic and optical properties of the newly synthesized monoclinic Zintl phase BaIn<sub>2</sub>P<sub>2</sub> Guechi, N., Bouhemadou, A., Khenata, R., (...), Al-Douri, Y., Bourzami, A. 2014 Solid State Sciences 29, pp. 12-23
- 101  AC performance of silicone and glass barriers in clean and polluted atmosphere Boudissa, R., Bayadi, A., Baersch, R. 2014 Electric Power Systems Research 108, pp. 170-177
- 102  Efficient hybrid optimization approach for emission constrained economic dispatch with nonsmooth cost curves Sayah, S., Hamouda, A., Bekrar, A. 2014 International Journal of Electrical Power and Energy Systems 56, pp. 127-139
- 103  A highly efficient gold/electrospun PAN fiber material for improved laccase biocathodes for biofuel cell applications Selloum, D., Chaaya, A.A., Bechelany, M., (...), Miele, P., Tingry, S. 2014 Journal of Materials Chemistry A 2(8), pp. 2794-2800
- 104  Hybrid PSO-tabu search for the optimal reactive power dispatch problem Sahli, Z., Hamouda, A., Bekrar, A., Trentesaux, D. 2014 IECON Proceedings (Industrial Electronics Conference) 7049024, pp. 3536-3542

- 105  Improved wireless sensor networks durability through efficient sink motion strategy Aliouat, M., Aliouat, Z. 2014 ICWiSe 2014 - 2014 IEEE Conference on Wireless Sensors 7042662, pp. 61-66
- 106  Increasing Wireless Sensor Networks durability through fault nodes resilience capability Aliouat, M., Aliouat, Z. 2014 ICWiSe 2014 - 2014 IEEE Conference on Wireless Sensors 7042660, pp. 49-54
- 107  Diversity of dairy cattle farming systems in the semi-arid area of Setif (Algeria) | [Diversité des exploitations agricoles laitières en zone semi-aride de Sétif (Algérie)] Bir, A., Yakhlef, H., Madani, T. 2014 Livestock Research for Rural Development 26(2)
- 108  1-[(4-Hydroxyanilino)methylidene]naphthalen-2(1H)-one *Open Access* Chahmana, S., Benghanem, F., Keraghel, S., Ourari, A. 2014 Acta Crystallographica Section E: Structure Reports Online 70(2), pp. o107
- 109  Groups whose proper subgroups of infinite rank have finite conjugacy classes *Open Access* De Falco, M., De Giovanni, F., Musella, C., Trabelsi, N. 2014 Bulletin of the Australian Mathematical Society 89(1), pp. 41-48
- 110  Algerian medical teachers' research output and its determinants during the 2000-2009 decade *Open Access* Bezzaoucha, A., Atif, M.L., Bouamra, A., (...), Regagba, D., Benameur, M. 2014 Revue d'Epidemiologie et de Sante Publique 62(1), pp. 33-40
- 111  Optimization of the energy harvested by the effect of strain and frequency on an electrostrictive polymer composite Meddad, M., Eddiai, A., Hajjaji, A., (...), Guyomar, D., Fliyou, M. 2014 Synthetic Metals 188, pp. 72-76



- 112  Adsorption and corrosion inhibition of new synthesized thiophene Schiff base on mild steel X52 in HCl and H<sub>2</sub>SO<sub>4</sub> solutions Daoud, D., Douadi, T., Issaadi, S., Chafaa, S. 2014 Corrosion Science 79, pp. 50-58
- 113  Elastic, electronic and thermodynamic properties of rh<sub>3x</sub> (x = zr, nb and ta) intermetallic compounds Ould Kada, M., Seddik, T., Sayede, A., (...), Bin Omran, S., Rached, D. 2014 International Journal of Modern Physics B 28(3)
- 114  Field electron emission of MWCNTs/PEO composites Benkara Mohammed, N., Nor, R.M., Benouattas, N. 2014 Advanced Materials Research 832, pp. 821-826
- 115  Spin crossover iron(II) coordination polymer chains: Syntheses, structures, and magnetic characterizations of [Fe(aqin)<sub>2</sub>(μ<sub>2</sub>-M(CN)<sub>4</sub>)] (M = Ni(II), Pt(II), aqin = quinolin-8-amine) Setifi, F., Milin, E., Charles, C., (...), Triki, S., Gómez-García, C.J. 2014 Inorganic Chemistry 53(1), pp. 97-104
- 116  Bilateral contact problem with adhesion and damage *Open Access* Aissaoui, A., Hemici, N. 2014 Electronic Journal of Qualitative Theory of Differential Equations pp. 1-16
- 117  Adjoint groups of p-nil rings and p-group automorphisms *Open Access* Guerboussa, Y., Daoud, B. 2014 Bulletin of the Belgian Mathematical Society - Simon Stevin 21(2), pp. 339-349
- 118  Characterization and distribution of flavonoids from flowers in different horticultural Types of Begonia *Open Access* Karima, S., Nadine, C., Fadila, B., Maurice, J. 2014 Pharmacognosy Journal 9(6), pp. 850-855
- Synthesis of In<sub>2</sub>S<sub>3(1-x)</sub>O<sub>3x</sub> thin films by oxidation of In<sub>2</sub>S<sub>3</sub> film and influence of film microstructure Laghrib, S., Hamici, M., Gagou, Y., Vaillant 2014 Physica Status Solidi (A) Applications and Materials Science

- **119**
- A weighted full-Newton step primal-dual interior point algorithm for convex quadratic optimization  
*Open Access*
- Elaboration, structure, microstructure and magnetic properties of soft Fe<sub>80</sub>Ni<sub>20</sub> nanomaterials elaborated by high energy ball milling
- Dielectric behavior of ternary mixtures: Epoxy resin plus titanates (MgTiO<sub>3</sub>, CaTiO<sub>3</sub> or BaTiO<sub>3</sub>) associated to oxides (CaO, MnO<sub>2</sub> or ZnO)
- Cancer wars: Natural products strike back  
*Open Access*
- Characterization and chemosystematics of Algerian thuriferous juniper (Juniperus thurifera L.)
- A novel organizational model for real time MAS: Towards a formal specification
- DC-DC converter finite time robust control
- Roca, L., Saint-Grégoire, P. 211(12), pp. 2865-2870
- Achache, M. 2014 Statistics, Optimization and Information Computing 2(1), pp. 21-32
- Guittoum, A., Lamrani, S., Bourzami, A., (...), Souami, N., Weber, W. 2014 EPJ Applied Physics 65(3),30401
- Bourouba, N., Lalla, K., Jimenez, J.P.M., Bouzit, N. 2014 EPJ Applied Physics 65(1),10202
- Basmadjian, C., Zhao, Q., Bentouhami, E., (...), Raymond, E., Désaubry, L.G. 2014 Frontiers in Chemistry 2(MAY),20
- Zeraib, A., Ramdani, M., Boudjedjou, L., Chalard, P., Figuredo, G. 2014 Journal of Applied Botany and Food Quality 87, pp. 249-255
- Laouadi, M.A., Mokhati, F., Seridi, H. 2014 Studies in Computational Intelligence 542, pp. 171-180
- Abderrezek, H., Harmas, M.N. 2014 Journal of Electrical Engineering 14(2), pp. 30-37

- 126
- Effect of co-solvent on structural and morphological properties of ZnO aerogel prepared by a modified sol-gel process Meddouri, M., Djouadi, D., Chelouche, A., Touam, T., Chergui, A. 2014 EPJ Applied Physics 66(1),10402
- 127
- A parallel sampling-PSO-multi-core-K-means algorithm using mapreduce Bousbaci, A., Kamel, N. 2014 2014 14th International Conference on Hybrid Intelligent Systems, HIS 2014 7086185, pp. 129-134
- 128
- Declarative approach for adaptivity and personalization in mobile learning: An Algerian perspective Khalfallah, N., Boukerram, A., Traxler, J. 2014 Communications in Computer and Information Science 479, pp. 15-28
- 129
- A wavelet approach for detection and location of leaks in water distribution networks Bentoumi, M., Chikouche, D., Bakhti, H. 2014 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 1(3), pp. 19-26
- 130
- Experimental study of dielectric and functional properties of polymer matrix/Cu<sub>2</sub>O/BaTiO<sub>3</sub> heterogeneous composites in broad band frequency Bakhti, H., Bouzit, N. 2014 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2(6), pp. 169-176
- 131
- Study of the electrochemical performance of PbO<sub>2</sub> prepared from intermediate oxides PbO<sub>x</sub> (1.33 < x < 1.66) Rahmani, L., Fitas, R., Zerroual, L. 2014 International Conference on Lead-Acid Batteries, LABAT pp. 185-188
- 132
- Correlation between the electrochemical activity and the crystallite size of PbO<sub>2</sub>: A comparative study between the chemical and the electrochemical routes Zerroual, L., Matrakova, M. 2014 International Conference on Lead-Acid Batteries, LABAT pp. 157-160
- 133

- |            |   |   |  |
|------------|---|---|--|
| <b>134</b> | <input type="checkbox"/> <u>Physicochemical and electrochemical study of positive active mass (PAM) modified by the addition of bismuth</u>   | <u>Nadia, N.C., Matrakova, M., Zerroual, L.</u>                                       | 2014 <u>International Conference on Lead-Acid Batteries, LABAT</u><br>pp. 97-100 |
| <b>135</b> | <input type="checkbox"/> <u>Effect of mineral additive on the electrical performance of lead acid battery positive plate</u>  | <u>Foudia, M., Matrakova, M., Zerroual, L.</u>  | 2014 <u>International Conference on Lead-Acid Batteries, LABAT</u><br>pp. 93-96  |
| <b>136</b> | <input type="checkbox"/> <u>Technique of Coaxial Frame in Reflection for the Characterization of Single and Multilayer Materials with Correction of Air Gap</u><br><i>Open Access</i> | <u>Lamia, Z., Farid, D., Fabien, N.</u>   | 2014 <u>International Journal of Antennas and Propagation</u><br>2014,324727     |
| <b>137</b> | <input type="checkbox"/> <u>Design of a robust tracking PD controller for a class of switched linear systems with external disturbances</u>   | <u>Belkhiat, D.E.C., Jabri, D., Fourati, H.</u>                                       | 2014 <u>IFAC Proceedings Volumes (IFAC-PapersOnline)</u><br>19, pp. 4091-4096    |
| <b>138</b> | <input type="checkbox"/> <u>Effect of solid particle impact on light transmission of transparent ceramics: Role of the microstructure</u>   | <u>Lallemant, L., Garnier, V., Bonnefont, G., (...), Fantozzi, G., Bouaouadja, N.</u> | 2014 <u>Optical Materials</u><br>37(C), pp. 352-357                              |
| <b>139</b> | <input type="checkbox"/> <u>Quantum features of a charged particle in ionized plasma controlled by a time-dependent magnetic field</u><br><i>Open Access</i>                          | <u>Choi, J.R., Maamache, M.</u>   | 2014 <u>Frontiers in Physics</u><br>2,A045, pp. 1-6                              |
| <b>140</b> | <input type="checkbox"/> <u>Enrichir l'expressivité des profils et des processus d'adaptation de contenus multimédias</u>   | <u>Alti, A., Laborie, S., Roose, P.</u>   | 2014 <u>Document Numerique</u><br>17(2), pp. 101-124                             |

- 141  A new algorithm for data clustering based on cuckoo search optimization Saida, I.B., Nadjet, K., Omar, B. 2014 Advances in Intelligent Systems and Computing 238, pp. 55-64
- 142  Spin-polarized investigation of ferromagnetism on magnetic semiconductors  $Mn_xCa_{1-x}S$  in the rock-salt phase Choutri, H., Ghebouli, M.A., Ghebouli, B., (...), Uçgun, E., Ocak, H.Y. 2014 Materials Chemistry and Physics 148(3), pp. 1000-1007
- 143  Phenotypic and genotypic characterization of some lactic acid bacteria isolated from bee pollen: A preliminary study  
*Open Access* Belhadj, H., Harzallah, D., Bouamra, D., (...), Dahamna, S., Ghadbane, M. 2014 Bioscience of Microbiota, Food and Health 33(1), pp. 11-23
- 144  Corporate Social Responsibility (CSR), sustainable development and urban impacts - Case of the Bejaia's port authority and operator (EPB) | [RSE, développement durable et impacts urbains -Cas de l'Entreprise Portuaire de Béjaïa (EPB)] Abderezak, D., Edine, B.A. 2014 Proceedings of the 24th International Business Information Management Association Conference - Crafting Global Competitive Economies: 2020 Vision Strategic Planning and Smart Implementation pp. 2271-2281
- 145  Numerical study of combined natural convection-surface radiation in a square cavity Hamimid, S., Guellal, M. 2014 Fluid Dynamics and Materials Processing 10(3), pp. 377-393
- 146  Experimental study using design of experiment of pollution layer effect on insulator performance taking into account the presence of dry bands Terrab, H., Bayadi, A. 2014 IEEE Transactions on Dielectrics and Electrical Insulation 21(6),7031497, pp. 2486-2495
- 147  Magnetic properties of bcc and bcc-fcc Fe-Pd alloys produce by thermal evaporation technique  
*Open Access* Saida, B., Ali, L., Abderrahim, G., Abeslem, F., Mokhtar, B. 2014 Physics Procedia 54(C), pp. 81-86

- 148** Direct observation of a highly spin-polarized organic spinterface at room temperature  
*Open Access*
- Djeghloul, F., Ibrahim, F., Cantoni, M., (...), Beaurepaire, E., Weber, W. 2014 Proceedings of SPIE - The International Society for Optical Engineering 9167,916713
- 149** Robust half-metallic ferromagnet of quaternary Heusler compounds ZrCoTiZ (Z = Si, Ge, Ga and Al)  
*Open Access*
- Berri, S., Ibrir, M., Maouche, D., Attallah, M. 2014 Computational Condensed Matter 1(1), pp. 26-31
- 150** A hybrid bat based feature selection approach for intrusion detection
- Mohamed, A.L., Nadjet, K. 2014 Communications in Computer and Information Science 472, pp. 230-238
- 151** Association rule mining based on bat algorithm
- Heraguemi, K.E., Kamel, N., Drias, H. 2014 Communications in Computer and Information Science 472, pp. 182-186
- 152** Multiphase composites obtained by sintering reaction of boehmite and zircon part I: Development and microstructural characterization  
*Open Access*
- Belhouchet, H., Makri, H., Hamidouche, M., (...), Garnier, V., Fantozzi, G. 2014 Science of Sintering 46(3), pp. 291-306
- 153** Characterization and bioevaluation of new class of hydrogels based on oxidized pectin crosslinked to gelatin
- Chetouani, A., Elkolli, M., Bounekhel, M., Benachour, D. 2014 Journal of Biomaterials and Tissue Engineering 4(6), pp. 465-470
- 154** The log-concavity and log-convexity properties associated to hyperpell and hyperpell-lucas sequences
- Ahmia, M., Belbachir, H., Belkhir, A. 2014 Annales Mathematicae et Informaticae 43, pp. 3-12

- 155  The evolution of properties of recycled poly(ethylene terephthalate) as function of chain extenders, the extrusion cycle and heat treatment Gouisseem, L., Douibi, A., Benachour, D. 2014 Polymer Science - Series A 56(6), pp. 844-855
- 156  A morphometric study of sheep reared in north-east Algerian | [Analyse discriminante des ovins dans la région est de l'Algérie] Dekhili, M. 2014 Archivos de Zootecnia 63(244), pp. 623-631  
*Open Access*
- 157  Laying and eggs quality of quails in semi-intensive conditions in eastern Algeria | [Ponte et qualité d'oeufs de cailles élevées en conditions semi intensives dans l'est Algérien] Moula, N., Philippe, F.X., Ait, K.A., (...) , Antoine-Moussiaux, N., et Leroy, P. 2014 Archivos de Zootecnia 63(244), pp. 693-696  
*Open Access*
- 158  A new algorithm for incremental web page clustering based on k-means and ant colony optimization Boughachiche, Y., Kamel, N. 2014 Advances in Intelligent Systems and Computing 287, pp. 347-358
- 159  A new hybrid algorithm for document clustering based on cuckoo search and k-means Saida, I.B., Kamel, N., Omar, B. 2014 Advances in Intelligent Systems and Computing 287, pp. 59-68
- 160  A sampling-PSO-K-means algorithm for document clustering Kamel, N., Ouchen, I., Baali, K. 2014 Advances in Intelligent Systems and Computing 238, pp. 45-54
- 161  Design and robustness enhancement of sectorial fuzzy controller via evolutionary algorithm Megherbi, H., Megherbi, A.C., Megherbi, N., Benmahammed, K. 2014 Journal of Intelligent and Fuzzy Systems 27(6), pp. 2757-2773

- 162** Improvement of optical and photoelectrochemical properties of conducting polymer by incorporation of ZnO nanoparticles Habelhames, F., Zerguine, W., Nessark, B. 2014 Journal of Materials and Environmental Science 5, pp. 2139-2144
- 163** Elaboration and characterization of multiphase composites obtained by reaction sintering of boehmite and zircon Belhouchet, H., Makri, H., Hamidouche, M., (...), Garnier, V., Fantozzi, G. 2014 Journal of the Australian Ceramic Society 50(2), pp. 135-146
- 164** Novel compact dual-band artificial magnetic conductors for Wi-Fi applications Hamzaoui, D., Vuong, T.P., Djahli, F., Kiani, G.I. 2014 8th European Conference on Antennas and Propagation, EuCAP 2014 6902300, pp. 2397-2400
- 165** Adsorption and inhibitive properties of a new heterocyclic furan schiff base on corrosion of copper in HCL 1 M: Experimental and theoretical investigation Issaadi, S., Douadi, T., Chafaa, S. 2014 Applied Surface Science 316(1), pp. 582-589
- 166** Modified ZnO nanorod arrays with TiO<sub>2</sub> nanoparticles insertion: Effect on growth and properties Abderrahmane, B., Djamila, A., Aicha, M. 2014 Materials Science in Semiconductor Processing 27, pp. 877-882
- 167** Preparation and properties of the composite material silicon/polypyrrole- copper for electronic devices applications Khaniche, B., Benamrani, H., Zouaoui, A., Zegadi, A. 2014 Materials Science in Semiconductor Processing 27(1), pp. 689-694
- 168** A dynamic contact problem between elasto-viscoplastic piezoelectric bodies Ammar, T.H., Benyattou, B., Drabla, S. 2014 Electronic Journal of Qualitative Theory of Differential Equations 2014, pp. 1-21



- 169  The inhibitory effect of methanolic and aqueous extracts of terminalia chebula dried fruits on metallobetalactamases of Acinetobacter baumannii Selma, H., Rachid, M., Zakia, M., Farida, S. 2014 International Journal of Pharmacy and Pharmaceutical Sciences 6(9), pp. 579-582
- 170  Controlled release of niflumic acid from native, pregelatinized and crosslinked corn starches matrix tablets Soltani, E.K., El Bahri, Z., Djerboua, F., Baitiche, M. 2014 Journal of Materials and Environmental Science 5(6), pp. 1839-1846
- 171  Modelling of the membrane permeability effect on the H<sub>2</sub> production using CFD method Benguerba, Y., Dumas, C., Ernst, B. 2014 International Journal of Chemical Reactor Engineering 12(1),A3
- 172  First African diamonds discovered in Algeria by the ancient arabo-berbers: History and insight into the source rocks Godard, G., Chabou, M.C., Adjerid, Z., Bendaoud, A. 2014 Comptes Rendus - Geoscience 346(7-8), pp. 179-189
- 173  Asymptotic analysis of a Bingham fluid in a thin domain with Fourier and Tresca boundary conditions Dilmi, M., Benseridi, H., Saadallah, A. 2014 Advances in Applied Mathematics and Mechanics 6(6), pp. 797-810
- 174  Microstrip ring resonators applied to ferrite material (YIG) characterization in microwave frequency bands Tanto, A., Vincent, D., Chergui, A. 2014 EPJ Applied Physics 67(3),140113
- 175  Structural performance of RC beams strengthened with NSM-CFRP Laraba, A., Merdas, A., Chikh, N.-E. 2014 Lecture Notes in Engineering and Computer Science 2, pp. 1344-1349
- 176  The new FLC-variable incremental conductance MPPT with direct control method using Cuk converter Radjai, T., Gaubert, J.P., Rahmani, L. 2014 IEEE International Symposium on Industrial Electronics 6865014, pp. 2508-2513

- 177  An intelligent MPPT approach based on neural-network voltage estimator and fuzzy controller, applied to a stand-alone PV system Bendib, B., Krim, F., Belmili, H., Almi, M.F., Bolouma, S. 2014 IEEE International Symposium on Industrial Electronics 6864647, pp. 404-409
- 178  Maximum Power Point tracking for photovoltaic systems with boost converter sliding mode control Belkaid, A., Gaubert, J.-P., Gherbi, A., Rahmani, L. 2014 IEEE International Symposium on Industrial Electronics 6864673, pp. 556-561
- 179  Use of geochemical, isotopic, and age tracer data to develop models of groundwater flow: A case study of Gafsa mining basin-Southern Tunisia Hamed, Y., Ahmadi, R., Demdoun, A., (...), Laouar, R., Choura, A. 2014 Journal of African Earth Sciences 100, pp. 418-436
- 180  High gain Fabry-Pérot circular polarization cavity antenna for UHF RFID applications Hamzaoui, D., Vuong, T.P., Djahli, F., Kiani, G.I. 2014 Proceedings - ANTEM 2014: 2014 16th International Symposium on Antenna Technology and Applied Electromagnetics 6887737
- 181  Study of the temperature distribution in diode-end-pumped solid state-lasers Saida, T., Fouad, L., Ismahen, O., Messaouda, K. 2014 Proceedings - 2014 International Conference Laser Optics, LO 2014 6886280
- 182  Structural, electronic, and optical properties of orthorhombic and triclinic BiNbO<sub>4</sub> determined via DFT calculations Litimein, F., Khenata, R., Gupta, S.K., (...), Yousaf, M., Jha, P.K. 2014 Journal of Materials Science 49(22), pp. 7809-7818
- 183  A New Clustering Algorithm Based on Chameleon Army Strategy Kamel, N., Boucheta, R. 2014 Advances in Intelligent Systems and Computing 265 AISC, pp. 23-32

- 184  Electrochemical and quantum chemical studies of some azomethine compounds as corrosion inhibitors for mild steel in 1M hydrochloric acid Hamani, H., Douadi, T., Al-Noaimi, M., (...), Daoud, D., Chafaa, S. 2014 Corrosion Science 88, pp. 234-245
- 185  DC-voltage regulation of a five levels neutral point clamped cascaded converter for wind energy conversion system Merahi, F., Mekhilef, S., Berkouk, E.M. 2014 2014 International Power Electronics Conference, IPEC-Hiroshima - ECCE Asia 2014 6869640, pp. 560-566
- 186  Assessment and adapted pedagogy (specialized workout plan) for RamadanMuslim fasting athletes based on nutritional, biochemical and haematological studies Dahmouni, S., Arrar, L. 2014 Cultura, Ciencia y Deporte 9(25 SUPPL.), pp. S258
- 187  Trace and essential elements determination in baby formulas milk by INAA and  $k_0$ -INAA techniques Hamidatou, L., Slamene, H., Akhal, T., Boulegane, A. 2014 Journal of Radioanalytical and Nuclear Chemistry 301(3), pp. 659-666
- 188  Improved multiple description wavelet based image coding using Hadamard Transform Berrouche, Y., Bekka, R.E. 2014 AEU - International Journal of Electronics and Communications 68(10), pp. 976-982
- 189  Dynamic mechanical and thermal properties of a chemically modified polypropylene/natural rubber thermoplastic elastomer blend  
*Open Access* Benmesli, S., Riahi, F. 2014 Polymer Testing 36, pp. 54-61
- 190  Synthesis and properties of novel hydrogels from oxidized pectin crosslinked gelatin for biomedical applications Chetouani, A., Elkolli, M., Bounekhel, M., Benachour, D. 2014 Polymer Bulletin 71(9), pp. 2303-2316

- 191  First principles study of structural, electronic and magnetic properties of ZrFeTiAl, ZrFeTiSi, ZrFeTiGe and ZrNiTiAl Berri, S., Ibrir, M., Maouche, D., Attallah, M. 2014 Journal of Magnetism and Magnetic Materials 371, pp. 106-111
- 192  Advanced fuzzy MPPT controller for a stand-alone PV system Bendib, B., Krim, F., Belmili, H., Almi, M.F., Boulouma, S. 2014 Energy Procedia 50, pp. 383-392  
*Open Access*
- 193  Modeling and multi-criteria optimization of an industrial process for continuous lactic acid production Mokeddem, D., Khellaf, A. 2014 Bioprocess and Biosystems Engineering 37(6), pp. 1141-1150
- 194  Effect of sunflower oil on the mechanical permanence and the thermal properties of poly (vinyl chloride) Rouane, A., Zerrouki, D., Benaniba, M.T. 2014 Energy Procedia 50, pp. 285-289  
*Open Access*
- 195  A paraneoplastic Sharp syndrome reversible after resection of a benign schwannoma: A paraneoplastic syndrome? | [Syndrome de Sharp réversible après l'ablation d'un schwannome bénin: Un syndrome paranéoplasique ?] Slimani, S., Sahraoui, M., Bennadji, A., Ladjouze-Rezig, A. 2014 Neurochirurgie 60(4), pp. 194-196
- 196  Coordination polymer chains built from Cu<sup>II</sup> and adipate ions linked by hydrogen bonds to form a three-dimensional framework structure Setifi, Z., Boutebdja, M., Setifi, F., Merazig, H., Glidewell, C. 2014 Acta Crystallographica Section C: Structural Chemistry 70(7), pp. 702-706  
*Open Access*
- 197  Catena-Poly[[[4-amino-3,5-bis(pyridin-2-yl)-4H-1,2,4-triazole- $\kappa^2$  N<sup>1</sup>,N<sup>5</sup>](dicyanamido- $\kappa$ N) copper(II)]- $\mu_2$ -dicyanamido- $\kappa^2$  N:N']]: Coordination polymer chains linked into a bilayer by hydrogen bonds and  $\pi$ - $\pi$  Stacking interactions Setifi, Z., Setifi, F., Saadi, M., Rouag, D.-A., Glidewell, C. 2014 Acta Crystallographica Section C: Structural Chemistry 70(4), pp. 359-363

*Open Access*

- 198  Tris(2,2'-bipyridine)iron(II) bis(1,1,3,3-tetracyano-2-ethoxypropenide) dihydrate: Chiral hydrogen-bonded frameworks interpenetrate in three dimensions  
*Open Access* Setifi, Z., Setifi, F., Boughzala, H., Beghidja, A., Glidewell, C. 2014 Acta Crystallographica Section C: Structural Chemistry 70(5), pp. 465-469
- 199  Study of structural, electrical, magnetic and magneto-optic properties of coevaporated  $Fe_xCo_{1-x}$  thin films Bourzami, A., Guebli, N., Guittoum, A., Guechi, N., Lenoble, O. 2014 Sensor Letters 12(1), pp. 64-68
- 200  Cancer in Setif, Algeria, 1986-2010 | [Le cancer à Sétif, Algérie, 1986-2010] Hamdi-Cherif, M., Bidoli, E., Birri, S., (...), Virdone, S., Serraino, D. 2014 Journal Africain du Cancer 6(3), pp. 166-173
- 201  Zaitsev-Type Results Arikan, A., Arikan, A., Trabelsi, N. 2014 Algebra and Logic 53(2), pp. 87-101
- 202  Ab-initio study of the structural, electronic, elastic and vibrational properties of the intermetallic  $Pd_3V$  and  $Pt_3V$  alloys in the  $L1_2$  phase ArIkan, N., Iyigör, A., Candan, A., (...), Bin-Omran, S., Guechi, N. 2014 Metals and Materials International 20(4), pp. 765-773
- 203  A Dual-Band-Notched Antenna for UWB Communication Systems Using Two Different Shaped Slots Chaabane, A., Djahli, F., Redadaa, S. 2014 Arabian Journal for Science and Engineering 39(8), pp. 6215-6223
- 204  Geometric and Material Nonlinear Analysis of Square-Based Tensegrity Ring Structures Khellaf, N., Kebiche, K. 2014 Arabian Journal for Science and Engineering 39(8), pp. 5979-5989

- 205** Simulation and performance analysis of superstrate Cu(In,Ga)Se<sub>2</sub> solar cells using nanostructured Zn<sub>1-x</sub>V<sub>x</sub>O thin films Djessas, K., Bouchama, I., Medjnoun, K., Bouloufa, A. 2014 International Journal of Nanotechnology 11(9-11), pp. 854-868
- 206** 1,1'-Diethyl-4,4'-bipyridine-1,1'-dium bis(1,1,3,3-tetracyano-2-ethoxypropenide): Multiple C-H...N hydrogen bonds form a complex sheet structure  
*Open Access* Setifi, Z., Lehchili, F., Setifi, E., (...), Ng, S.W., Glidewell, C. 2014 Acta Crystallographica Section C: Structural Chemistry 70(3), pp. 338-341
- 207** Use of the artificial neural network and meteorological data for predicting daily global solar radiation in Djelfa, Algeria Assas, O., Bouzougou, H., Fetah, S., Salmi, M., Boursas, A. 2014 2014 International Conference on Composite Materials and Renewable Energy Applications, ICCMREA 2014 6843807
- 208** Effect of thickness and deposition rate on the structural and magnetic properties of evaporated Fe/Al thin films Mebarki, M., Layadi, A., Kerkache, L., (...), Preobrazhensky, V., Pernod, P. 2014 Journal of Superconductivity and Novel Magnetism 27(8), pp. 1951-1957
- 209** Assessment of the farming transformation in a rural region of Sétif province in Algeria Rouabhi, A., Hafsi, M., Kebiche, M. 2014 New Medit 13(2), pp. 38-46
- 210** New approach for stability enhancement of superconducting generator with high response excitation Mayouf, F., Djahli, F., Mayouf, A., Devers, T. 2014 Proceedings of the Mediterranean Electrotechnical Conference - MELECON 6820591, pp. 531-535
- 211** Power system voltage control using wind farms based on a doubly fed induction generation (DFIG) Messalti, S., Boudjlal, B., Azli, H. 2014 Advanced Materials Research 960-961, pp. 1174-1179

- 212** Energy management of industrial installation Messalti, S., Azli, H., Loukriz, A.H. 2014 Advanced Materials Research 962-965, pp. 1910-1915
- 213** Physicochemical characterization of gelatin-cmc composite edibles films from polyion-complex hydrogels Asma, C., Meriem, E., Mahmoud, B., Djafer, B. 2014 Journal of the Chilean Chemical Society 59(1), pp. 2279-2283  
*Open Access*
- 214** A new coordinated fuzzy controller for exciter and governor systems of a SMIB power system Mayouf, F., Djahli, F., Mayouf, A., Devers, T. 2014 2014 14th International Conference on Environment and Electrical Engineering, IEEEIC 2014 - Conference Proceedings 6835901, pp. 397-401
- 215** Effects of microwave sintering on intrinsic defects concentrations in ZnO-based varistors Kharchouche, F., Savary, E., Thuault, A., (...), Courtois, C., Leriche, A. 2014 Ceramics International 40(8 PART B), pp. 13697-13701
- 216** A new hybrid controller for superconducting machine in a SMIB power system Mayouf, F., Djahli, F., Mayouf, A., Devers, T. 2014 2014 14th International Conference on Environment and Electrical Engineering, IEEEIC 2014 - Conference Proceedings 6835912, pp. 454-458
- 217** CO oxidation catalyzed by Ag/SBA-15 catalysts: Influence of the hydrothermal treatment Guerba, H., Djellouli, B., Petit, C., Pitchon, V. 2014 Comptes Rendus Chimie 17(7), pp. 775-784
- 218** Equilibrium and kinetic studies on chromium(VI) removal by a mixed oxide derived from MgAl layered double hydroxide | [Étude de l'élimination du Cr(VI) par l'oxyde mixte obtenu par calcination de l'hydroxyde double lamellaire MgAl] Arab, L., Boutahala, M., Djellouli, B. 2014 Comptes Rendus Chimie 17(7), pp. 860-868

- 219  Transfer excitation reactions in fast proton-helium collisions *Open Access* Schöffler, M.S., Chuluunbaatar, O., Houamer, S., (...), Galstyan, A., Popov, Y.V. 2014 Journal of Physics: Conference Series 488(SECTION 8),082003
- 220  2D momentum distribution of electron in transfer ionization of helium atom by fast proton *Open Access* Schöffler, M.S., Chuluunbaatar, O., Popov, Y.V., (...), Galstyan, A., Gusev, A.A. 2014 Journal of Physics: Conference Series 488(SECTION 8),082002
- 221  Influence of band gap profiling in front part of absorber on CIGS solar cell performance Touafek, N., Mahamdi, R., Aida, M.S., Bouloufa, A. 2014 IREC 2014 - 5th International Renewable Energy Congress 6826966
- 222  Removal of cetylpyridinium bromide by adsorption onto maghnite: Application to paper deinking Ourari, A., Flilissa, A., Boutahala, M., Ilikti, H. 2014 Journal of Surfactants and Detergents 17(4), pp. 785-793
- 223  Parameter Estimation of Planar Robot Manipulator Using Interval Arithmetic Approach Karkar, N., Benmhammed, K., Bartil, A. 2014 Arabian Journal for Science and Engineering 39(6), pp. 5289-5295
- 224  Semantic context-aware adaptation platform architecture *Open Access* Adel, A., Laborie, S., Roose, P. 2014 Procedia Computer Science 32, pp. 959-964
- 225  Fuzzy MUAP recognition in HSR-EMG detection basing on morphological features Mebarkia, K., Bekka, R.E., Reffad, A., Disselhorst-Klug, C. 2014 Journal of Electromyography and Kinesiology 24(4), pp. 473-487
- 226  Faults detection in a photovoltaic generator by using matlab simulink and the chipKIT Max32 board *Open Access* Khenfer, R., Mostefai, M., Benahdouga, S., Maddad, M. 2014 International Journal of Photoenergy 2014,350345



- 227  A comparative study on structural and optical properties of ZnO and Al-doped ZnO thin films obtained by ultrasonic spray method using different solvents Gahtar, A., Rahal, A., Benhaoua, B., Benramache, S. 2014 Optik 125(14), pp. 3674-3678
- 228  Particle swarm optimization for bitmap join indexes selection problem in data warehouses Toumi, L., Moussaoui, A., Ugur, A. 2014 Journal of Supercomputing 68(2), pp. 672-708
- 229  Anisotropy and pressure effect on the elastic and mechanical properties of (B3) BN Daoud, S., Bioud, N. 2014 Ukrainian Journal of Physics 59(4), pp. 418-425
- 230  Poly[[chlorido-(1,10-phenanthroline- $\kappa^2$  N,N')copper(II)]- $\mu_3$ -1,1,3,3-tetra-cyano-2-eth-oxy-propenido-  $\kappa^3$  N:N':N'']: Coordination polymer sheets linked into bilayers by hydrogen bonds Setifi, Z., Setifi, F., El Ammari, L., (...), Merazig, H., Glidewell, C. 2014 Acta Crystallographica Section C: Structural Chemistry 70(1), pp. 19-22  
*Open Access*
- 231  Phenotypic and genetic parameters for ewe reproductive performances of ouled-djellal breed (Algeria) | [Parametres phenotypiques et genetiques de la reproduction de la brebis ouled-djellal (Algérie)] Dekhili, M. 2014 Archivos de Zootecnia 63(242)
- 232  Side peak cancellation method for sine-BOC(m,n)-modulated GNSS signals Attia, S., Rouabah, K., Chikouche, D., Flissi, M. 2014 Eurasip Journal on Wireless Communications and Networking 2014,34  
*Open Access*
- 233  New empirical formulae for calculation of average M-shell fluorescence yields Kahoul, A., Aylikci, V., Deghfel, B., K p Aylikci, N., Nekkab, M. 2014 Journal of Quantitative Spectroscopy and Radiative Transfer 145, pp. 205-213

- 234** A global look at time: A 24-country study of the equivalence of the zimbardo time perspective inventory *Open Access* Sircova, A., Van De Vijver, F.J.R., Osin, E., (...), Alex Linley, P., Boyd, J.N. 2014 SAGE Open 4(1), pp. 1-12
- 235** Electronic structure and magnetic properties of the perovskite cerium manganese oxide from ab initio calculations Berri, S., Maouche, D., Ibrir, M., Bakri, B. 2014 Materials Science in Semiconductor Processing 26(1), pp. 199-204
- 236** Magnetic properties of Co thin films evaporated under normal and oblique incidence Kharmouche, A. 2014 Solid State Phenomena 215, pp. 288-291
- 237** Effect of the quenching temperature on the izod impact strength of polycarbonate: Experimental data and empirical modeling Rouabah, F., Bouguettoucha, A., Ibos, L., Haddaoui, N. 2014 Materiali in Tehnologije 48(3), pp. 315-319
- 238** Development of a new data fusion system for segmentation of mr images Chaabane, L., Abdelouahab, M. 2014 Journal of Circuits, Systems and Computers 23(6),1450078
- 239** Method for determining the reflection-induced retardance of the Fresnel rhomb Bakhouche, B., Beniaiche, A., Guessas, H. 2014 Optical Engineering 53(5),055108
- 240** Dynamic semantic-based adaptation of multimedia documents Alti, A., Laborie, S., Phillipe, R. 2014 Transactions on emerging telecommunications technologies 25(2), pp. 239-258
- 241** Anisotropic intrasubband hole scattering by polar optical phonon modes in thin GaAs/Al<sub>x</sub>Ga<sub>1-x</sub>As quantum wells Boumaza, M., Lamari, S. 2014 Superlattices and Microstructures 72, pp. 156-163
- Electrodeposited Ni<sub>100-x</sub>Fe<sub>x</sub> thin films on copper substrates Messaadi, S., Daamouche, M., Medouer, H. 2014 Key Engineering Materials 605, pp. 665-668

- 242
- Realization and control of a wind turbine connected to the grid by using PMSG  
243 Dahbi, A., Hachemi, M., Nait-Said, N., Nait-Said, M.-S. 2014 Energy Conversion and Management 84, pp. 346-353
- The non-isothermal kinetics of mullite formation in boehmite-zircon mixtures  
244 Belhouchet, H., Hamidouche, M., Torrecillas, R., Fantozzi, G. 2014 Journal of Thermal Analysis and Calorimetry 116(2), pp. 795-803
- Microbiological quality control of marketed pollen  
245 Belhadj, H., Harzallah, D., Dahamna, S., Khennouf, S. 2014 Der Pharmacia Lettre 6(2), pp. 37-42
- Recursive identification of the dynamic behavior in a distillation column by means of autoregressive models  
246 Aggoune, L., Chetouani, Y., Radjeai, H. 2014 Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME 136(4),044506
- Bond Graph Algorithms for Fault Detection and Isolation in Wind Energy Conversion  
247 Badoud, A.E., Khemliche, M., Ould Bouamama, B., Bacha, S. 2014 Arabian Journal for Science and Engineering 39(5), pp. 4057-4076
- Rapid identification of antioxidant compounds of genista saharae coss. & dur. by combination of dpph scavenging assay and hptlc-ms  
248 Meriane, D., Genta-Jouve, G., Kaabeche, M., Michel, S., Boutefnouchet, S. 2014 Molecules 19(4), pp. 4369-4379  
*Open Access*
- Model of piezoelectric self powered supply for wearable devices  
249 Meddad, M., Eddiai, A., Chérif, A., Hajjaji, A., Boughaleb, Y. 2014 Superlattices and Microstructures 71, pp. 105-116

- 250** Evaluation of p47phox phosphorylation in human neutrophils using phospho-specific antibodies Belambri, S.A., Dang, P.M.-C., El-Benna, J. 2014 Methods in Molecular Biology 1124, pp. 427-433
- 251** Asymptotic study of a boundary value problem governed by the elasticity operator with nonlinear term Benterki, D., Benseridi, H., Dilmi, M. 2014 Advances in Applied Mathematics and Mechanics 6(2), pp. 191-202
- 252** Electronic and optical properties of SrTiO<sub>3</sub> under pressure effect: Ab initio study Khaber, L., Beniaiche, A., Hachemi, A. 2014 Solid State Communications 189, pp. 32-37
- 253** Study of the alkali treatment effect on the mechanical behavior of the composite unsaturated polyester-Alfa fibers *Open Access* Benyahia, A., Merrouche, A., Rahmouni, Z.E.A., (...), Serge, W., Kouadri, Z. 2014 Mechanics and Industry 15(1), pp. 69-73
- 254** Optimisation of the dielectric strength of a non-uniform electric field electrode system under positive DC voltage by insertion of multiple barriers Merabet, S., Boudissa, R., Slimani, S., Bayadi, A. 2014 IEEE Transactions on Dielectrics and Electrical Insulation 21(1),6740727, pp. 74-79
- 255** Climate change and its influence on shrinkage-swelling clays susceptibility in a semi-arid zone: A case study of Souk Ahras municipality, NE-Algeria Hadji, R., Limani, Y., Boumazbeur, A.E., (...), Zahri, F., Chouabi, A. 2014 Desalination and Water Treatment 52(10-12), pp. 2057-2072
- 256** Variational iteration method for a fractional-order Brusselator system *Open Access* Jafari, H., Kadem, A., Baleanu, D. 2014 Abstract and Applied Analysis 2014,496323
- 257** Structural and optical insights to enhance solar cell performance of CdS nanostructures Al-Douri, Y., Khasawneh, Q., Kiwan, S., (...), Ameri, M., Khenata, R. 2014 Energy Conversion and Management 82, pp. 238-243

- Groups with restrictions on subgroups of infinite rank  
**258** *Open Access* De Falco, M., De Giovanni, F., Musella, C., Trabelsi, N. 2014 Revista Matematica Iberoamericana 30(2), pp. 537-550
- Electrodeposition and characterization of Cu-Zn alloy films obtained from a sulfate bath  
**259** Redjechta, A., Loucif, K., Mentar, L., Khelladi, M.R., Beniaiche, A. 2014 Materiali in Tehnologije 48(2), pp. 221-226
- Effect of Al concentrations on the electrodeposition and properties of transparent Al-doped ZnO thin films  
**260** Baka, O., Azizi, A., Velumani, S., Schmerber, G., Dinia, A. 2014 Journal of Materials Science: Materials in Electronics 25(4), pp. 1761-1769
- New management structure of active and reactive power of a largewind farm based on multilevel converter  
**261** Merahi, F., Berkouk, E.M., Mekhilef, S. 2014 Renewable Energy 68, pp. 814-828
- Evaluation of antioxidant activity of flavonoids Extracted from Galium tunetanum Poiret  
**262** Gaamoune, S., Harzallah, D., Kada, S., Dahamna, S. 2014 Research Journal of Pharmaceutical, Biological and Chemical Sciences 5(2), pp. 341-348
- Phytochemical analysis, antioxidant activity and hypotensive effect of algerian azarole (Crataegus azarolus L.) leaves extracts  
**263** Amel, B., Seddik, K., Shtaywy, A., (...), Abderahmane, B., Smain, A. 2014 Research Journal of Pharmaceutical, Biological and Chemical Sciences 5(2), pp. 286-305
- First principles study of structural, electronic and magnetic properties of Mn<sub>2</sub>CoAs  
**264** Berri, S., Ibrir, M., Maouche, D., Bensalem, R. 2014 Journal of Magnetism and Magnetic Materials 361, pp. 132-136
- Detection and replacement of a failing node in the wireless sensors networks  
**265** *Open Access* Boudries, A., Aliouat, M., Siarry, P. 2014 Computers and Electrical Engineering 40(2), pp. 421-432

- 266** Mechanical, piezoelectric and some thermal properties of (B3) BP under pressure Daoud, S., Bioud, N., Lebga, N. 2014 Journal of Central South University 21(1), pp. 58-64
- 267** Structural, elastic, piezoelectric and electronic properties of (B3) AIP compound under pressure Daoud, S., Bioud, N., Lebga, N. 2014 Journal of Optoelectronics and Advanced Materials 16(1-2), pp. 207-214
- 268** Olive oils from Algeria: Phenolic compounds, antioxidant and antibacterial activities *Open Access* Lainer, F., Laribi, R., Tamendjari, A., (...), Rovellini, P., Venturini, S. 2014 Grasas y Aceites 65(1),e001
- 269** Anti-bacterial and  $\beta$ -lactamase inhibitory effects of *Anchusa azurea* and *Globularia alypum* extracts Boussoualim, N., Trabsa, H., Krache, I., (...), Khenouf, S., Baghiani, A. 2014 Research Journal of Pharmaceutical, Biological and Chemical Sciences 5(1), pp. 742-749
- 270** Spatial properties of rectified cosine Gaussian beams Boubaha, B., Bencheikh, A., Ait-Ameur, K. 2014 Journal of Optics (United Kingdom) 16(2),025701
- 271** First-principles study of the structural, elastic, and mechanical properties of  $\text{Ni}_3\text{Ga}$  compound under pressure *Open Access* Boucetta, S., Zegrar, F. 2014 Acta Physica Polonica A 125(1), pp. 54-59
- 272** Diffusion processes of trimers on missing row surfaces:  $\text{Cu}_3\text{Ag}$  (110) and  $\text{Ag}_3\text{Cu}$ (110) Sbiaai, K., Eddiai, A., Boughaleb, Y., (...), Meddad, M., Kara, A. 2014 Optical and Quantum Electronics 46(1), pp. 15-22
- 273** Improvement of piezoelectric transformer performances using SSHI and SSHI-max methods Chérif, A., Meddad, M., Belkhiat, S., (...), Eddiai, A., Hajjaji, A. 2014 Optical and Quantum Electronics 46(1), pp. 117-131

- 274** Quantum analysis of modified Caldirola-Kanai oscillator model for electromagnetic fields in time-varying plasma  
*Open Access*
- 275** Annealing process of F- and F<sup>+</sup>-centers in Al<sub>2</sub>O<sub>3</sub> single crystal induced by fast neutrons irradiation
- 276** Correlation between contact surface and friction during the optical glass polishing
- 277** A first-principle study of half-metallic ferrimagnetism in the CoFeTiSb quaternary Heusler compound
- 278** Structural, elastic, electronic, chemical bonding and optical properties of Cu-based oxides ACuO (A = Li, Na, K and Rb): An ab initio study
- 279** Study of the effect of luminescence down-shifting on GaAs solar cells with several optical windows layers
- 280** Thermal shock resistance of two micro-structured alumina obtained by natural sintering and SPS
- Choi, J.R., Lakehal, S., Maamache, M., Menouar, S.
- Izerrouken, M., Djouadi, Y., Zirour, H.
- Belkhir, N., Aliouane, T., Bouzid, D.
- Berri, S., Maouche, D., Ibrir, M., Zerarga, F.
- Bouhemadou, A., Boudrifa, O., Guechi, N., (...), Ghebouli, B., Bin-Omran, S.
- Abderrezek, M., Fathi, M., Djahli, F., Ayad, M.
- Belghalem, H., Hamidouche, M., Gremillard, L., Bonnefont, G., Fantozzi, G.
- 2014 Progress in Electromagnetics Research Letters  
 44, pp. 71-79
- 2014 Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms  
 319, pp. 29-33
- 2014 Applied Surface Science  
 288, pp. 208-214
- 2014 Journal of Magnetism and Magnetic Materials  
 354, pp. 65-69
- 2014 Computational Materials Science  
 81, pp. 561-574
- 2014 Journal of Solar Energy Engineering, Transactions of the ASME  
 136(1),011014
- 2014 Ceramics International  
 40(1 PART A), pp. 619-627

- 281  The effects of 5f localization on the electronic and magnetic properties of the hexagonal  $U_3ZrSb_5$  Merabiha, O., Seddik, T., Khenata, R., (...), Bin Omran, S., Rached, D. 2014 Journal of Alloys and Compounds 586, pp. 529-535
- 282  First-principles studies on (0 0 1) surface electronic bonding and magnetic properties of  $ZnCMn_3$  and  $ZnNMn_3$  intermetallic antiperovskites type compounds Cherrad, D. 2014 Journal of Alloys and Compounds 586, pp. 230-238
- 283  Synthesis, characterization, and electrochemical study of a new tetradentate nickel(II)-Schiff base complex derived from ethylenediamine and 5'-(N-methyl-N-phenylaminomethyl)-2'-hydroxyacetophenone Ourari, A., Ouennoughi, Y., Aggoun, D., (...), Pasciak, E.M., Peters, D.G. 2014 Polyhedron 67, pp. 59-64
- 284  Enhanced design of an indirect adaptive fuzzy sliding mode power system stabilizer for multi-machine power systems Saoudi, K., Harmas, M.N. 2014 International Journal of Electrical Power and Energy Systems 54, pp. 425-431