

PRODUCTION SCIENTIFIQUE 2016 - Faculté de la Technologie:

1- Publications :

a- Publications Internationales

N°	Auteurs	Titre	Journal
01	BENHADDAD Lynda, GAMBY, Jean MAKHOULFI Laïd PAILLERET Alain PILLIER Françoise	Improvement of capacitive performances of symmetric carbon / carbon supercapacitors by addition of nanostructured polypyrrole powder	Journal of Power Sources, http://dx.doi.org/10.1016/j.snb.2014.07.086 www.elsevier.com/locate/snb 2016
02	MOULAI Fatsah CHERCHOUR Nabila MESSAOUDI Bouzid ZERROUAL Larbi	Electrosynthesis and characterization of nanostructured MnO ₂ deposited on stainless steel electrode: a comparative study with commercial EMD	IONICS DOI : 10.1007/s11581-016-1842-7, 2016
03	Oughlis Fadila, Senhadji Ounissa, Moulahcene Lamia Benamor Mohamed	Synthèse and characterization of poly(vinyl-alcohol)-poly(β -cyclodextrin) copolymer membranes for aniline extraction	Membrane Water Treatment, http://technopress.kaist.ac.kr 2016
04	CHAAL Lila KECHADI Mohammed VIVIER Vincent TRIBOLLET Bernard GAMBY Jean	Electrical impedance spectroscopy of a PET chip sandwiched between two disk electrodes: understanding the contribution of the polymer/electrode interface	Phys.Chem.Chem.Phys., 18 (2016) 20583-20590 DOI: 10.1039/c6cp03042d,
05	SAIDANI Boualem AIOUAZ Fouad JEANNIN Marc CREUS Juan	Elaboration and microstructural characterization of calcareous/ceria based composite on Zinc substrate	Protection of Metals and Physical Chemistry of Surfaces, 52, 5, (2016) 887–892
06	Belarbi Zineb, Sotta Bruno, Makhoulfi Laid, Tribollet Bernard, Gamby Jean	Modeling of delay effect of calcium carbonate deposition kinetics on rotating disk electrode in the presence of green inhibitor	Electrochimica Acta Sciencedirect (2016)
07	Touazi souad Bucko Mickael Makhoulfi laid Legat A, Bajat J. B.	The electrochemical Behavior of Zn-Mn Alloy coating in carbonated concrete solution	Surface Review and letters World scientific Publishing Company (2016)
08	Bezghiche-Imloul Tayakout Hammache-Makhoulfi Houa Ait Ahmed Nadia	Electrocatalytic oxidation of alcohols on Cu ₂ O/Cu thin film electrodeposited on titanium substrate	Surface Review and letters World scientific Publishing Company (2016)

09	MAIZIA Radouane DIB Abdelhafid THOMAS Anthony MARTEMIANOV Serguei	Proton Exchange Membrane Fuel Cell Diagnosis by Spectral Characterization of the Electrochemical Noise	Journal of Power Sources, www.journals.elsevier.com (2016)
10	Attar Aisha, Amine Aziz Achi Fethi, Bourouina-Bacha Saliha Bourouin Mustapha Cubillana-Aguilera Laura Palacios-Santander José María, Baraket Abdoullatif Abdelhamid Errachid	A novel amperometric inhibition biosensor based on HRP and gold sononanoparticles immobilised onto Sonogel-Carbon electrode for the determination of sulphides	International Journal of Environmental Analytical Chemistry http://dx.doi.org/10.1080/03067319.2016.1172216 , Avril 2016
11	Bouguerra Nassima et all....	Synthesis and Photophysical and Electroluminescent Properties of Poly(1,4-phenylene-ethynylene)-alt-poly(1,4-phenylene-vinylene)s with Various Dissymmetric Substitution of Alkoxy Side Chains	Macromolecules www.pubs.org/Macromolecules , 2016
12	Bezghiche-Imloul Tayakout Hammache-Makhloufi Houa, Ait Ahmed Nadia	Electrocatalytic oxidation of alcohols on Cu ₂ O/Cu thin film electrodeposited on titanium substrate.	Surface review and latters www.worldscientific.com (2016)
13	Razika Touati, Sónia A.O. Santos, Sílvia M. Rocha, Kamel Belhamel, Silvestre Armando J.D.	Phenolic composition and biological prospecting of grains and stems of <i>Retama sphaerocarpa</i> ,	<i>Industrial Crops and Products</i> Available online 31 October 2016, <i>in Press</i> , http://dx.doi.org/10.1016/j.indcrop.2016.10.027
14	Hind Houria Bougherra, Stefano Bedini, Guido Flamini, Francesca Cosci, Kamel Belhamel, Barbara Conti	Repellency of anethole- and estragole-type fennel essential oils against stored grain pests: the different twins	<i>Bulletin of Insectology</i> 69 (1): 149-157, 2016, http://www.bulletinofinsectology.org/pdfarticles/vol69-2016-149-157bedini.pdf
15	Zembouai Idris, Kaci Mustapha, Bruzaud Stéphane, Pillin Isabelle, Audic Jean-Luc, Shayanfar Shima, Pillai Suresh D.	Electron beam radiation effects on properties and ecotoxicity of PHBV/PLA blends in presence of organo-modified montmorillonite	Polymer Degradation & Stability, http://www.elsevier.com/locate/polydegstab (2016)
16	Zembouai Idris, Kaci Mustapha, Bruzaud Stéphane, Dumazert Loic, Bourmaud Alain, Mahlous Mohamed, Lopez-Cuesta José Marie, Grohens Yves	Gamma irradiation effects on morphology and properties of PHBV/PLA blends in presence of compatibilizer and Cloisite 30B	Polymer Testing, http://www.elsevier.com/locate/polytest (2016)

17	Hassaini Leila, Kaci Mustapha, Benhamida Aida, Bruzaud Stéphane, Pillin Isabelle, Grohens Yves	The effects of PHBV-g-MA compatibilizer on morphology and properties of poly(3-hydroxybutyrate-Co-3-hydroxyvalerate)/olive husk flour composites	Journal of Adhesion Science and Technology, http://www.tandfonline.com/loi/tast20 (2016)
18	Sahnoune Mohamed, Taguet Aurélie, Otazaghine Belkacem, Kaci Mustapha, Lopez-Cuesta José-Marie	Inner surface modification of halloysite nanotubes and its influence on morphology and thermal properties of polystyrene/polyamide-11 blends	Polymer international, http://onlinelibrary.wiley.com/journal/10.1002 (2016)
19	Macheca Afonso D., Focke Walter W., Muiambo, Kaci Mustapha,	Stiffening Mechanisms in Vermiculite–Amorphous Polyamide Bionanocomposites	European Polymer Journal, http://www.elsevier.com/locate/europlj (2016)
20	Kennouche Salima, Le Moigne Nicolas, Kaci Mustapha, Quantin Jean-Christophe, Caro-Bretelle Anne-Sophie, Delaite Christelle, Lopez-Cuesta José-Marie	Morphological Characterization and Thermal Properties of Compatibilized Poly(3-Hydroxybutyrate-Co-3-Hydroxyvalerate) (PHBV)/Poly(Butylene Succinate) (PBS)/Halloysite Ternary Nanocomposites	European Polymer Journal, http://www.elsevier.com/locate/europlj (2016)
21	Dehouche Nadjet, Kaci Mustapha, Mouillet Virginie	The Effects of Mixing Rate on Morphology and Physical Properties of Bitumen/Organo-Modified Montmorillonite Nanocomposites	Construction and Building Materials, http://www.elsevier.com/locate/conbuildmat (2016)
22	Chikh Amirouche, Benhamida Aida, Kaci Mustapha, Pillin Isabelle, Bruzaud Stéphane	Synergistic Effect of Compatibilizer and Sepiolite on the Morphology of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate)/Poly(Butylene Succinate) Blends	Polymer Testing, http://www.elsevier.com/locate/polymtest (2016)
23	Focke Walter W., Macheca Afonso D., Benhamida Aida, Kaci Mustapha,	Stiffening Mechanisms in Vermiculite–Amorphous Polyamide Bionanocomposites	AIP Publishing, http://dx.doi.org/10.1063/1.4949627 (2016)
24	Aouat Tassadit, Kaci Mustapha, Devaux Eric, Campagne Christine, Cayla Aurélie, Dumazert Loic, Lopez Cuesta José-Marie	Morphological, Mechanical and Thermal Characterization of Poly(Lactic Acid)/Cellulose Multifilament Yarns Prepared by Melt Spinning	Advances in Polymer Technology, http://onlinelibrary.wiley.com/journal/10.1002 (2016)

25	Oughlis- Hammache Fadila, Skiba Mohamed, Hallouard François, Moulahcene Lamia, Senhadji-Kebiche Ounissa, Benamor Mohamed, Skiba-Lahiani Malika	Synthesis and characterization of poly(vinyl-alcohol)-poly(β - cyclodextrin) copolymer membranes for aniline extraction	Membrane Water Treatment, http://www.techno- press.org/?journal=mwt (2016)
26	Benslimane Abdelhakim Bahlouli Ilies Mohamed Bekkour Karim Hammiche Dalila	Thermal gelation properties of Carboxymethyl cellulose and bentonite-Carboxymethyl cellulose dispersions: Rheological considerations.	Applied Clay Science, Elsevier, 2016
27	Hammiche Dalila Boukerrou Amar Djidjelli Hocine Grohens Yves Bendahou Abdelkader	Characterization of cellulose nanowhiskers extracted from alfa fiber and the effect of their dispersion methods on nanocomposite properties., Volume 30, issue 17 , pp. 1899-1912	Journal of Adhesion Science and Technology, Taylor & Francis, 2016
28	Amel Mohamed Benali Gasmi Ali Magri Pierre Boukerrou Amar Amouchi Nesrine	Effects of fillers contents and surface treatments on morphology, dielectric and mechanical prperties of polyvinylcholid reinforced with date stones.	Journal of Chemical and Pharmaceutical Research www.jocpr.com 2016
29	Yahiaoui Idris Aissani-Benissad Farida Fourcade Florence Amrane Abdeltif	Enhancement of the biodegradability of a mixture of dyes (Methylene Blue and Basic Yellow 28) using the electrochemical treatment on a glassy carbon electrode..	Desalination and Water Treatment, http://www.tandfonline.com/toc/td wt20/current 2016
30	Ledjeri Amina Yahiaoui Idris Aissani-Benissad Farida	Theelectro/Fe ³⁺ /peroxydisulf ate(PDS)processcoupledtoact ivatedsludgeculture forthedegradationoftetracycli ne	Journal of Environmental Management http://www.sciencedirect.com/scien ce/article/pii/S0301479716307575 2016
31	Issaadi Kahina Habi Abderrahmane Grohens Yves Pillin Isabelle	Maleic anhydride-grafted poly(lactic acid) as a compatibilizer in poly(lactic acid)/graphene oxide nanocomposites	Polymer bulletin : 73:2057–2071 DOI 10.1007/s00289-015-1593-z 2016
32	Issaadi Kahina Pillin Isabelle Habi Abderrahmane Grohens Yves	Synergetic association of grafted PLA and functionalized graphene on the properties of the designed nanocomposites	Polymer Bulletin DOI 10.1007/s00289-016-1759-3 2016

33	MOHAMMEDI Ahmed REKIOUA Djamila REKIOUA Toufik BACHA Seddik	Valve Regulated Lead Acid battery behavior in a renewable energy system under an ideal Mediterranean climate	<i>International Journal of Hydrogen Energy</i> , www.sciencedirect.com 2016
34	AISSOU Riad REKIOUA Toufik REKIOUA Djamila TOUNZI A. Mounaim	Robust nonlinear predictive control of permanent magnet synchronous generator turbine using Dspace hardware	<i>International Journal of Hydrogen Energy</i> , www.sciencedirect.com 2016
35	AISSOU Riad REKIOUA Toufik REKIOUA Djamila TOUNZI A. Mounaim	Application of nonlinear predictive control for charging the battery using wind energy with permanent magnet synchronous generator	<i>International Journal of Hydrogen Energy</i> September 2014, Pages www.sciencedirect.com 2016
36	TAMALOUZT Salah BENYAHIA Nabil REKIOUA Toufik REKIOUA Djamila ABDESSEMED Rachid	Performances analysis of WT-DFIG with PV and fuel cell hybrid power sources system associated with hydrogen storage hybrid energy system	<i>International Journal of Hydrogen Energy</i> www.sciencedirect.com 2016
37	AZIB AHMED ZIANE DJAMEL REKIOUA Toufik TOUNZI ABDELMOUNAÏM	Robustness of the direct torque control of double star induction motor in fault condition.	<i>Revue Roumaine des Sciences Techniques - Serie Électrotechnique et Énergétique</i> 07/2016; 61(2). revue.elth.pub.ro 2016
38	W.Issaadi, A.Khireddine	Management of a base station of a mobile network using a photovoltaic system.	Elsevier, edition, <i>Renewable & Sustainable Energy</i> , Ms. pp 1570-1590, Ref. No.: RSER-D-15-01759R1, 2016
39	H. Hamadi, A.Khireddine, and A.Tari	Cloud Access Secure with Identity Based Cryptography	selected papers, MSPN 15 conference, 15-17 june 2015, Mobile, Secure, and Programmable, Networking, journal, Springer, 2016
40	D.Derardja, A.Khireddine, W.Issaadi, A.hamadi	, "three phase four wires pmsg energy source generation with maximum point tracking"	Scopus-indexed "Journal of Engineering and Applied Sciences"
41	Tighzert Lyes Mendil Boubekeur	Realization of Gymnastic Movements on the Bar by Humanoid Robot Using a New Selfish Gene Algorithm	Modelling and implementation of complex systems, Vol.01, pp49-65, Ed. Springer, April 2016 https://www.amazon.com/Modelling-Implementation-Complex-Systems-International/dp/3319334093
42	Guerroudj Cherif SAOU Rachid Boulayoune Ahcene Zaim Md El Hadi Moreau Luc	<i>Performance analysis of Vernier slotted doubly salient permanent magnet generator for wind power</i>	<i>International Journal of Hydrogen Energy</i> http://www.sciencedirect.com/science/article/pii/S0360319916311004 2016

43	Aoudia Hakim BERRAH Smail	Optimizing parameters of an optical link by using genetic algorithms	J.Opt. commun, 2016. AOP https://www.degruyter.com/abstract/joc.ahead-of-print/joc-2016-0079/joc-2016-0079.xml
44	Kasmi Reda Mokrani Karim	Classification of malignant melanoma and benign skin lesions: implementation of automatic ABCD rule	January 2016, Vol.10, Issue 6, pp. 448 –455 IET Image Processing, Site : http://digitallibrary.theiet.org/content/journals/10.1049/iet-ipr.2015.0385
45	Kasmi Reda, Mokrani Karim, Rader R K, Cole J G, Stoecker W V	Biologically inspired skin lesion segmentation using a geodesic active contour technique	Skin Research Technology http://onlinelibrary.wiley.com/doi/10.1111/srt.12252/ abstract;jsessionid=CDAA41D6CB00D7A11D14CE45DF476CED.f01t04, May 2016, Vol 22, Issue 2 pp 208–222
46	Kefel S. Guvenc P. LeAnder R W Kasmi Reda Stoecker W V	Adaptable Texture-Based Segmentation by Variance and Intensity for Automatic Detection of Semitranslucent and Pink Blush Areas in Basal Cell Carcinoma	Skin Research Technology, Volume 22, Issue 4, November 2016, Pages 412–422 https://www.ncbi.nlm.nih.gov/pubmed/26991418
47	Tafinine Farid	On-line vibration monitoring of bearing faults in induction machine using Cyclic Spectral Analysis	MATEC Web EDP, Vol.83 http://www.matec-conferences.org/
48	Tamalouzt Salah Idjdarene Kassa Rekioua Toufik Abdessemed Rachid	Direct torque control of wind turbine driven doubly fed induction generator	REVUE ROUMAINE DES SCIENCES TECHNIQUES Série ÉLECTROTECHNIQUE et ÉNERGÉTIQUE, Vol. 61, Issue 3, pp.244–249. (2016) http://revue.elth.pub.ro/
49	Aberbour Adel Idjdarene Kassa Boudries Zoubir	Adaptable sliding mode control for energy application	REVUE ROUMAINE DES SCIENCES TECHNIQUES Série ÉLECTROTECHNIQUE et ÉNERGÉTIQUE, Vol. 61, Issue 3, pp.258–262. (2016) http://revue.elth.pub.ro/
50	Aberbour Adel Idjdarene Kassa Tounzi Abdelmounaim	Sliding mode direct torque and rotor flux control of an isolated induction generator including magnetic saturation	REVUE ROUMAINE DES SCIENCES TECHNIQUES Série ÉLECTROTECHNIQUE et ÉNERGÉTIQUE, Vol. 61, Issue 2, pp.142–146. (2016) http://revue.elth.pub.ro/

51	Boudries Zoubir Aberbour Adel Idjdarene Kassa	Study on sliding mode virtual flux oriented control for three-phase PWM rectifiers	REVUE ROUMAINE DES SCIENCES TECHNIQUES Série ÉLECTROTECHNIQUE et ÉNERGÉTIQUE, Vol. 61, Issue 2, pp.153–158. (2016) http://revue.elth.pub.ro/
52	KHAMA R AISSANI Farida ALKAMA Rezak	Design and performance testing of an industrial scal indirect solar dryer	Journal of Engineering Science and Technology © School of Engineering, Taylor’s University, Vol. 11, N°. 9 pp 1263 – 1281, http://jestec.taylors.edu.my/Vol%2011%20issue%209%20September%202016/11_9_4.pdf
53	KHAMA R AISSANI Farida ALKAMA Rezak	Convective drying of cherry tomato: study of skin effect	Journal of Engineering Science and Technology © School of Engineering, Taylor’s University, Vol. 11, N°. 3 pp 443-457, http://jestec.taylors.edu.my/Vol%2011%20issue%209%20September%202016/11_9_4.pdf
54	Imaouchen Yacine Kedadouche Mourad Alkama Rezak Marc Thomas	A Frequency-Weighted Energy Operator and complementary ensemble empirical mode decomposition for bearing fault detection, Mech. Syst. Signal Process.	Elsevier (2016) http://www.sciencedirect.com/science/article/pii/S0888327016300802
55	ZEBBOUDJ Youcef HAMOU Hamou AIT SAID Hakim ZOUZOU Noureddine DASCALESCU Lucien	Dascalescu, Analysis of Electric Field and Current Density in an Electrostatic Precipitator	IEEE Transactions on Dielectrics and Electrical Insulation (2016) http://www.ieeexplore.ieee.org/
56	ZEBBOUDJ Youcef NOURI Hamou ZOUZOU Noureddine DASCALESCU Lucien	Investigation of relative humidity effect on the particles velocity and collection efficiency of laboratory scale electrostatic precipitator	Process Safety and Environmental Protection, Institution of Chemical Engineers (2016) http://www.journals.elsevier.com/process-safety-and-environmental-protection
57	ZEBBOUDJ Youcef AIT SAID Hakim LAIFAOUI Abdelkrim REBOUL Jean Michel	Measurement of Current due to Space Charge Present in PVC Sheaths after Aging under AC Sinusoidal High Voltage by the Thermal Wave Method	International Journal of Advancements in Mechanical and Aeronautical Engineering (2016) http://www.seekdl.org/journal_details.php?jourid=98
58	ACHOUR A, REKIOUA D, MOHAMMEDI A, MOKRANI Z, REKIOUA T, BACHA S	Application of direct torque control to a photovoltaic pumping system with sliding-mode control optimization	Electric power components and systems, 2016

59	SERIR C, REKIOUA D, MEZZAIN, BACHA S	Supervisir control and optimization of multi-sources pumping system with battery storage	International Journal Of Hydrorogen Energy, 2016
60	BENNAI Fares ABAHRI Kamilia BELARBI Rafik TAHAKOURT Abdelkader	Convective and conductive thermal homogenization for nonsaturated porous building materials : Application on the thermal conductivity tensor	Thermal Sciences January 2016, DOI: 10.2298/TSC160330262B http://thermalscience.vinca.rs/online-first#year-2016
61	BENNAI Fares ABAHRI Kamilia BELARBI Rafik TAHAKOURT Abdelkader	Periodic homogenization for heat, air, and moisture transfer of porous building materials	Numerical Heat Transfer, Part B : Fundamentals, DOI: 10.1080/10407790.2016.1230393, Published Online 24 Octobre 2016 http://www.tandfonline.com/doi/full/10.1080/10407790.2016.1230393?scroll=top&neededAccess=true
62	KHERBACHE Souad, BOUZIDI Nedjima, BOUZIDI Mohammed Amin, MOUSSACEB Karim, TAHAKOURT A.Kader	The behavior of concretes and mortars reinforced by metallic fibers wastes as substitution of cement	Journal of Materials and Environmental Science
63	Younes Rassim Bradai Mohand Amokrane Sadeddine Abdelhamid Mouadji Youcef Bilek Ali Benabbas Abderrahim	Effect of TiO ₂ and ZrO ₂ reinforcements on properties of Al ₂ O ₃ coatings fabricated by thermal flame spraying.	Transactions of Nonferrous Metals Society of China (2016) http://www.sciencedirect.com/science/article/pii/S1003632616642371
64	Sadki Abdellah Hattali Mohammed Lamine Bradai Mohand Amokrane Younes Rassim Mesrati Nadir	Characterization and Modeling of the Mechanical Behavior of Aeronautical Alloy Based Composite.	Universal Journal of Chemistry (2016) http://www.hrpub.org/journals/article_info.php?aid=3580 .
65	Sadaoui Djamel Sahi Adel Djerrada Abderrahmane Mansouri Kacem	Coupled radiation and natural convection within an inclined sinusoidal solar collector heated from bellow	Mechanics & Industry17, 302 (2016). DOI: 10.1051/meca/2015060

b- Publications Nationales

N°	Auteurs	Titre	Journal
01	Ikni Tahar Berreksi Ali Benkadja Rachid Nebbar M.L. Kadri Mohammed Benamar Ahmed	Experimental study of the transport of suspended particles and dissolved tracer (fluorescein) in saturated porous media	Larhyss Journal (2016) http://www.larhyss.net/journal.html

2- Communications

a- Communications internationales

N°	Nom et Prénom	Intitulée de la communication	Intitulé, date et lieu de la manifestation
01	CHERCHOUR Nabila ADRAR Abderrahim DRIS Massinissa MESSAOUDI Bouzid	Potentiometric pH sensor based on MnO ₂ thin film electrodeposited on platinum electrode	6th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS 2016) 2016 Istanbul (Turquie)
02	Ouazine Louanas, Bey Said, Benamor Mohamed	Chromium (VI) adsorption by polymeric PEEKWC/ Aliquat-336 microspheres	Desalination for the Environment: Clean Water and Energy, European Desalination Society, 22–26 May 2016, Marriott Park Hotel, Rome, Italy
03	Brahimi Malek Benabbas Farida Benaissa Azemi	Normal Inverse Gaussian PDF of velocity increments in a turbulent heated jet	24th International Congress of Theoretical and Applied Mechanics (ICTAM 2016) Montreal, Canada, August 21-26, 2016
04	Oukil Dehbia Hamouma Wezna Hamam Abderrazak Aitout Razika Makhloufi Laid	Synthesis and characterization of conducting polymers and copolymers coated paper substrate and modified by metal nanoparticles	46 th IUPAC World Polymer Congress (MACRO 2016). Turquie
05	Hammache Houa Saidani Boualem	Removal of Cu ²⁺ , Ni ²⁺ and Au ²⁺ ions from acidic solutions using polypyrrole conducting polymer by electrochemical cementation process	46 th IUPAC World Polymer Congress (MACRO 2016). Turquie
06	Amoura Damia Margarita S. Jimenez Estrany Francesc Makhloufi Laid	Improvement of capacitive performances of supercapacitors by incorporation of exfoliated clays in polymers	46 th IUPAC World Polymer Congress (MACRO 2016). Turquie

07	Ait Abdeslam D, AITOUT Razika Makhloufi Laid	Preparation of copper nanoparticles by rosmarinus officinalis plant extract: Application to uric acid determination	International Advances In Applied Physics and Material Science (APMAS 2016), Turquie
08	Bezghiche-Imloul tayakout, Hammache- Makhloufi Houa Aliouane Nabila	Elaboration des couches minces d'oxydes cuivreux et application electrocatalytique sur les ions sulfites	Colloque International ERVD'4 Ifrane, Maroc 2016
09	Saker salima Hammache Houa Aliouane Nabila	Use of the electrochemical impedance in the study of the inhibition corrosion of the carbone steel	30 th Conference of the European colloid and interface society, ECIS, Italy, 2016
10	DIB Abdelhafid, HAMACHI Mourad, MAIZIA Radouane, KERKOUR Abdelhakim, BOUCHELAGHEM Sid Ali, MARTEMIANOV Serguei	ON THE SURFACE ACTIVITY OF PLATINUM NANOPARTICLES DISPERSED CARBON ELECTRODE USING A VOLTAGE-STEP TRANSIENT	10 ème Congrès Francophone de Génie des Procédés (CFGP 2016), ENSA, SAFI, Maroc
11	HAMACHI Mourad, DIB Abdelhafid, KERKOUR Abdelhakim	ETUDE DE LA CULTURE DE CERTAINES MICROALGUES DE LA REGION DE BEJAIA (ALGERIE) DANS UN SYSTEME FERME	10 ème Congrès Francophone de Génie des Procédés (CFGP 2016), ENSA, SAFI, Maroc
12	MAIZIA Radouane, THOMAS Anthony, DIB Abdelhafid, MARTEMIANOV Serguei	Proton Exchange Membrane Fuel Cell Diagnosis by Power Spectral Density characterization of the Electrochemical Noise	International Discussion on Hydrogen Energy and Applications (IDHEA). Nantes, France, 2016
13	Bouchène Hayette Bourouina-Bacha Saliha Imadalou-Idres Nacéra Bourouina Mustapha Benallaoua Said	Modeling and optimization of dye biodegradation process in batch reactor	22nd International Congress of Chemical and Process Engineering CHISA 2016 and the 19th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction PRES 2016. Aout 2016 Prague, Tchèque
14	AitAthmane Abdenour Bourouina-Bacha Saliha Deflaoui Hinda Deflaoui Ourida	modeling the surface characteristics of tio ₂ films depending on the operating conditions	Integrated Management of Environment octobre 2016, Hammamat, Tunisie

15	Khaled Ghozlane Bourouina-Bacha Saliha Kechroud Nassima Bourouina Mustapha	Hydrodynamic study of a fluidized bed reactor used for the wastewater treatment	22nd International Congress of Chemical and Process Engineering CHISA 2016 and the 19th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction PRES 2016. Aout 2016 Prague, Tchèque
16	Guenounou Hassiba Bourouina-Bacha Saliha Bourouina Mustapha Oughlis-Hammache Fadhila	Modeling and optimization of adsorption processes on activated carbon in fixed bed reactors. Application to the treatment of phenolic wastewater	22nd International Congress of Chemical and Process Engineering CHISA 2016 and the 19th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction PRES 2016. Aout 2016 Prague, Tchèque
17	AitAthmane Abdenour Bourouina-Bacha Saliha Deflaoui Hinda Deflaoui Ourida	Modeling and optimisation the kinetics of the catalytic photo degradation of the methylene blue in the presence of tio ₂ supports on plates of glass	Integrated Management of Environment octobre 2016, Hammamat, Tunisie
18	Bouguerra Nassima et all	Synthesis and investigation of photophysical and electrochemical of AnE-PV polymers bearing linear and/or branched alkoxy side chains	International conference on renewable energy, Egypte 2016
19	Bounouri Yassine, BerkaniMadjid, Zamouche Abdelmalek, Rycerz Leszek	Phase diagram and electrical conductivity of the NdBr ₃ – NaBr binary system	47èmes Journées de Calorimétrie et d'Analyse Thermique, JCAT 47, Anglet (France) (2016)
20	Bounouri Yassine, BerkaniMadjid, Zamouche Abdelmalek, Rycerz Leszek	Synthèse du trichlorure de lanthane et modélisation par la méthode des plans d'expériences	Conférence de Physique-Chimie (CPC16), Nancy (France) (2016)
21	Bounouri Yassine, Zamouche Abdelmalek BerkaniMadjid, Rycerz Leszek	Détermination des paramètres optimaux de la synthèse du chlorure de lanthane (III) par voie sèche	Conférence de Physique-Chimie (CPC16), Nancy (France) (2016)
22	Bounouri Yassine, BerkaniMadjid, Rycerz Leszek, Gaune-Escard Marcelle	Phase diagram and electrical conductivity of NdBr ₃ – KBr	4th Intl. Symp. on Sustainable Molten Salt and Ionic Liquid Processing, SIPS 2016, HAINAN-ISLAND (Chine)
23	REZGUI Farouk AZOUZ L'Hachemi BAOUZ Touffik DJAMA Nouria DJERADA Farida ZADI Salem	Study of the ibuprofen release profile from PCL-PEG-PCL microspheres in a hydro – alcoholic media by using 2 ³ experimental factorial design	The Third Symposium on Analytical Chemistry for Sustainable Development - ACS D 2016 and the 35th Meeting of Union of Arab Chemists - – Marrakech- Morocco, 11-12 May 2016

24	REZGUI Farouk SADOUN Ounissa BAOUZ Touffik BOURICHE Sihem ZADI Salem DJERADA Farida DJAMA Nouria	Preparing a biodegradable polymer based microspheres, poly(lactic acid), containing an hypertensive, valsartan, by using the emulsion-solvent evaporation method	6th International Conference on Materials and Applications for Sensors and Transducers - (ic-mast), 27 -30 septembre 2016, Athènes, Grèce
25	DJERADA Farida BENTIFOUR Kamel-Khalil, KADDOUR Samia	Study of effect of an oxidizing agent on the degradation of polypropylene bags submitted to thermooxydation	46th IUPAC WORLD POLYMER CONGRESS 17 - 21 Juillet 2016 ISTANBUL - Turquie
26	Razika Touati, Sónia A.O. Santos, Sílvia M. Rocha, Kamel Belhamel, Armando J.D. Silvestre	Evaluation of Bioactive Compounds From Retama sphaerocarpa Growing Wild in Algeria by Gas Chromatography–Mass Spectrometry	6th International Chemistry Conference, 08-10 Novembre 2016, Riyadh – Arabie Saoudite
27	Kaci Mustapha, Baleh Hinane, Benhamida Aida, Cimmino Sossio, Silvestre Clara	The compatibilization effects of PHBV-g-MA on morphology, and physical properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) ZnO nanocomposites	3rd RCM of the CRP on "Application of Radiation Technology in the Development of Advanced Packaging Materials for Food Products, Vienna, Austria, 2016
28	Kennouche Salima, Remili Cherifa, Kaci Mustapha, Le Moigne Nicolas, Lopez Cuesta José-Marie	Stiffening Mechanisms in Amorphous Polyamide Bio-Nanocomposites	8th Conference on Times of Polymers (TOP) & Composites, Ischia, Italy, 2016
29	Kaci Mustapha, Zembouai Idris, Bruzaud Stéphane, Pillin Isabelle, Shayanfar Shima, Pillai Suresh D.	Degradation Study Under E-Beam Irradiation of Bionanocomposites Based on PHBV/PLA/Cloisite 30B	6th International Conference on Nanoscience Nanotechnology in Africa, South Africa, 2016
30	Senhadji-Kebiche Ounissa, Anarakdim Katia, Matos Maria	Development of double emulsions as an extraction and preconcentration method for chromium detection and analysis	Third Symposium on Analytical Chemistry for Sustainable Development (ACSD 2016), Marrakech-Maroc
31	Kachbi Abdelmalek Kara-Abdelfettah Dalila Senhadji-Kebiche Ounissa Benamor Mohamed	Simultaneous spectrophotometric determination of caffeic and gallic acids in their mixture using partial least square regression and genetic algorithm	Third Symposium on Analytical Chemistry for Sustainable Development (ACSD 2016), Marrakech-Maroc
32	Oughli-Hamache Fadila, Senhadji-Kebiche Ounissa Benamor Mohamed	Optimization of methylene blue adsorption process by insoluble cyclodextrinopolymer	Third Symposium on Analytical Chemistry for Sustainable Development (ACSD 2016), Marrakech-Maroc

33	Kachbi Abdelmalek, Senhadji-Kebiche Ounissa Benamor Mohamed	Simultaneous spectrometric determination of trace amounts of copper, manganese and zinc in ternary mixture using partial least squares method	6th International Chemistry Conference. Riyadh- Arabie Saoudite.2016
34	Boukerrou Amar Hammiche Dalila Djidjelli Hocine José Fernandez Beridi Maria	Effect of olive husk flower on the properties of biobased polymer composites	the 32 nd International Conference of the Polymer Processing Society (PPS-32), Lyon, France 2016
35	Djinni Ibtissem Defant Andrea Djouidi Warda Kechal Mouloud Mancini Ines	Statistical improvement of actinomycin D production and its detection by liquid chromatography mass spectrometry (LC-MS) in extracts from a Saharan soil <i>Streptomyces</i> sp. GSBNT10 strain	5 ^{ème} Symposium International Power Microbes in Industry and Environnement, Croatie 2016
36	Habi Abderrahmane Bouakaz Boubkeur Seddik Grohens Yves Pillin Isabelle	Effect of modified Graphene and Montmorillonites and their mixtures on the properties of biodegradable PLA/PCL blend.	European graphene Forum – EGF 2016 Paris , France, 1-3 juin , 2016
37	Ouaret Ahmed Lehouche Hocine Mendil Boubekeur	Identification and Control of a Heating System Building Based RBF Neural Networks	Proceedings of the 3 rd Interna. Conf. On Green Energy & Environ. Eng. (GEEE), April 23-25 2016 Hammamet, Tunisia,
38	Ouaret Ahmed Lehouche Hocine Mendil Boubekeur	Comparative study Between Two Architectures of Neural Networks Used for Identification and Control of a Building Heating System	Proceedings of the 8th Interna. Conf. on Modelling, Identification and Control (ICMIC'2016) 15-17 November 2016 Algiers, Algeria.
39	Gaidi A. Lehouche Hocine Belkacimi B.	Direct adaptive backstepping control of wind turbine two masses model	Accepted and to be presented in 2 nd International Conference On Electrical Sciences and Technologies Octobre 2016 Marrekech, MOROCCO.
40	Azni Mohamed, Boudjadja Rima	Evaluation of Scheduling Algorithms for Real Time Video Communication over LTE Cellular Networks	Sciences of Electronics, Technologies of Information and Telecommunications SETIT-2016 18-20 December 2016, Hammamet, Tunisia

41	Azni Mohamed	Rate Distortion Based Cross Layer Scheduling for Real Time Video Communication	International Conference on Big Data and Advanced Wireless Technologies 10-11 November 2016, Blagoevgrad, Bulgaria
42	Chelbi Salim	Interferometric Process For Radar Images with Half Pixel Precision	Sciences of Electronics, Technologies of Information and Telecommunications SETIT-2016 18-20 December 2016, Hammamet, Tunisia
43	Chelbi Salim	Features Based Image Registration using Cross Correlation and Radon Transform	Sciences of Electronics, Technologies of Information and Telecommunications SETIT-2016 18-20 December 2016, Hammamet, Tunisia
44	Bouzera Naima Oussalah Mourad Mezhoud Naima Khiredine Abdelkrim	Fuzzy Logic and Extended Kalman Filter For Mobile Localization in Wireless Network	International Conference of Computing for Engineering and Sciences (ICCES-2016) Barcelona, Spain 23 - 27 July 2016
45	Tafinine Farid	On-line vibration monitoring of bearing faults in induction machine using Cyclic Spectral Analysis	The third International Conference on Structural Nonlinear Dynamics and Diagnosis (CSNDD'2016) May 23-25, 2016, Marrakech, Morocco
46	Guenounou Ouahib Yahiaoui Fatah Boutaib Dahhou Chabour Ferhat	'Multi-objective optimization of fuzzy controller used as maximum power point tracker (MPPT)	3rd International Conference on Green Energy & Environmental Engineering, Hammamet-Tunisie 2016
47	Yahiaoui Fatah Guenounou Ouahib Lamine Brikh	Maximum Power Point Tracking Algorithm for Photovoltaic System Using a PSO Optimized Fuzzy Logic Controller	3rd International Conference on Green Energy & Environmental Engineering, Hammamet-Tunisie 2016
48	Brikh Lamine Guenounou Ouahib Yahiaoui Fatah	Optimization of TSK fuzzy model using a new improved PSO	3rd International Conference on Green Energy & Environmental Engineering, Hammamet-Tunisie 2016
49	Alkama Rezak Bouzeroura Abdelghani	Management of Electrical Energy of a multi-source System Using FPGA Card	International Conference on Renewable Energy and Bioenergy ICREB Constanta – Roumanie, 2016
50	ZEBBOUDJ Youcef NOURI Hamou ACHOURI Imad AISSOU Massinissa ZOUZOU Noureddine	Investigation of pressure effect of corona proprieties in wire-to-plate electrostatic precipitator	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016

51	ZEBBOUDJ Youcef HAMOU Nouri AIT SAID Hakim ACHOURI Imad KACI Meziane	Modeling a Corona Discharge in Wire- Duct Electrostatic Precipitators.	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016
52	ZEBBOUDJ Youcef AHMED Samir OUNNOUGHI Takfarinas MEGHERFI Sofiane	Influence de la température sur les courants d'absorption et de résorption dans un câble 18/30 kV isolé au PRC soumis au vieillissement électrique sous tension continue	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016
53	ZEBBOUDJ Youcef HAMOU Nouri AIT SAID Hakim ACHOURI Imad KACI Meziane	Effect of Electrodes configuration on the corona discharge in a Electrostatic Precipitator	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016
54	ZEBBOUDJ Youcef LAIFAOU Abdelkrim AIT SAID Hakim REBOUL Jean Michel	Etude du vieillissement électrique des gaines en olchlorure de vinyle sous tension alternative sinusoïdale	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016
55	ZEBBOUDJ Youcef OUNNOUGHI Takfarinas AHMED Samir MEGHERFI Sofiane	Distribution du potentiel de surface sur des films en PVC chargés par décharge couronne	10ème conférence de la Société Française d'Electrostatique Poitiers (France) 2016
56	MOKRANI Zahra, MEBARKI Nacereddine, REKIOUA Djamila, REKIOUA Toufik	Performances analysis of a PEM fuel cells, electric vehicle using DTC fuzzy sliding mode control	International symposium on sustainable hydrogen (ISSH2), Alger, Algeria, Octobre 2016
57	Zaouche F, Rekioua D	Control and energy management of photovoltaic pumping system with battery storage	4rd international renewable and sustainable energy conference (IRSEC'16), Marrakech, Marocco
58	CHERRARED Marzouk BENBACHIR Mohamed	Multi criteria management of sewerage system of Algiers: analysis of the failures and the criticality of structures	The First European and Mediterranean Structural Engineering and Construction Conference EURO-MED-SEC-1 Istanbul (Turkey), May 24-29, 2016
59	CHERRARED Marzouk BENBACHIR Mohamed	Performance-based approach for evaluating the performance of the urban drainage system of Algiers	12 nd international Congress on Advances in Civil Engineering – ACE 2016 Istanbul (Turkey), 21 -23 september 2016

60	Bedjou Abdelhamid Boudoukha Abderrahmane BOSELER Bert	La gestion des actifs des réseaux d'assainissement urbains en Algérie	Journées scientifiques maghrébines en Algérie : L'eau un enjeu pour la sécurité alimentaire au Maghreb "2ESAM2016". Tlemcen, Algérie. 23 au 26 Octobre 2016.
61	Berreksi Ali Benmamar Saadia Kettab Ahmed Remini Boualem Ikni Tahar Nakib Maamar	Calcul des écoulements bidimensionnels torrentiels dans une transition hydraulique d'un coursier à surface libre	Journées Maghrébines : L'eau, un enjeu pour la sécurité alimentaire au Maghreb (2ESAM2016) 2016, Tlemcen, Algérie
62	Ikni Tahar Berreksi Ali Benkadja R., Nebbar M.L.	Etude comparative du transport des particules en suspension et du traceur dissout dans un milieu poreux saturé	Journées Maghrébines : L'eau, un enjeu pour la sécurité alimentaire au Maghreb (2ESAM2016) 2016, Tlemcen, Algérie
63	Boumaza Naima Benmamar Saadia Guesmia Ayoub Berreksi Ali	Calage d'un modèle hydraulique d'AEP - Application au réseau d'adduction de la ville d'Alger	Journées Maghrébines : L'eau, un enjeu pour la sécurité alimentaire au Maghreb (2ESAM2016) 2016, Tlemcen, Algérie
64	Berreksi Ali Benmamar Saadia Kettab Ahmed Remini Boualem Ikni Tahar Nakib Maamar Amara Lyes	Etude d'un écoulement torrentiel 2D à travers une structure hydraulique divergente à pente variable	2 nd International Conference on Water Resources (ICWR) : Exploitation and Valorisation 2016, Ouargla, Algérie
65	BENNAI Fares ABAHRI Kamilia BELARBI Rafik TAHAKOURT Abdelkader	Heat transfer in porous building Material	International Conference on Materials and Energy ICOME'2016 La Rochelle University, France, 17-20 May 2016
66	Younes Rassim Sadki Abdellah Hattali Mohammed Lamine Bradai Mohand Amokrane Sadeddine Abdelhamid Mesrati Nadir	Microstructure et comportement tribologique d'un dépôt alumineux Al ₂ O ₃ -13%TiO ₂ obtenu par projection thermique..	Conférence Internationale de Mécanique et Aéronautique CIMA2016. 18-20 Octobre 2016, Zéralda-Alger
67	Sadki Abdellah Halimi Abdelkrim Hattali Mohammed Lamine Bradai Mohand Amokrane Younes Rassim Mesrati Nadir	Mechanical behaviour of 301 AISI stainless steel coating obtained by arc spraying process onto aeronautical aluminum alloy substrate.	16th International Conference on New Trends in Fatigue and Fracture (NT2F16), ISBN - 978-953-7738-39-6, Dubrovnik, Croatia May 24-27, 2016

68	Carvou E, Le Garrec J. L, Yee Kin Choi E Jouvard J. M, Kerkar M Mitchell J B A	Particle size determination in electrical arcs with Ag and AgSnO ₂ electrodes using X-Ray scattering	IEEE Holm Conference on electrical contacts, 2016
69	BELOUADAH Zouheyr ATI Abdelaziz ROKBI Mansour	Morphological, physico-chemical and Mechanical characterization of unidirectional Stipa tenacissima/ Epoxy composites	International Bioengineering Conference (BIOENG 16) Istanbul, Turquie
70	BELOUADAH Zouheyr ATI Abdelaziz ROKBI Mansour	Physico-Chemical and Mechanical Characterization of Stipa Tenacissima Fibers as Reinforcement in Polymeric Composites	6ème Séminaire National sur les Matériaux, Procédés et Environnement (SNMPE-2016) Université M'Hamed Bougara Boumerdès
71	Idjouadiene Lynda Mostefaoui Toufik	A la recherche du nombre d'or dans la poterie kabyle	4eme Forum Universitaire Maghrébin des arts : Le nombre d'or du déséquilibre à l'harmonie 17 et 18 mars, 2016 Rabat Maroc
72	KHERBACHE Souad, BOUZIDI Nedjima, TAHAKOURT A.Kader, MOUSSACEB Karim	Valorization of the machining sludge as substitution of cement in the concretes and mortars	10-14 juillet 2016, Lausanne, Suisse.

b- Communications nationales :

N°	Nom et Prénom	Intitulée de la communication	Intitulé, date et lieu de la manifestation
01	Aliouane Nabila Hammache Houa Duval O	Synthèse de l'acide ethylenebis(2 hydroxy 5,1Phenylene)Bismethylene...et son application à l'inhibition de la corrosion	1ere conférence nationale sur la chimie et ses applications CNCA*2016, Bordj Bouarreridj
02	MAIZIA Redouane, DIB Abdelhafid, MARTEMIANOV Serguei, BOUCHELAGHEM Sid Ali, AISSANI Taous	Removal of cadmium metal ions from waste water by cementation onto a rotating zinc electrode	Première conférence nationale sur la chimie et ses applications (CNCA*1), Bordj Bou Arréridje, Algérie
03	Iggui Kahina, Kaci Mustapha, Le Moigne Nicolas, Bergeret Anne, Mahlous Mohamed	The Effects of Gamma irradiation on Poly (3-Hydroxybutyrate-Co-3-Hydroxyvalerate)/Organoclay Nanocomposites	6ème Sixième Séminaire National sur les Matériaux, Procédés et Environnement, Boumerdès (Algerie), 2016

04	Anarakdim Katia, Matos Maria, Senhadji-Kebiche Ounissa	Optimization of Hexavalent Chromium removal by emulsified liquid membrane using sunflower as solvent	Première Conférence Nationale sur la Chimie et ses Applications (CNCA'1). Université de Bordj Bou Arréridj –Algérie, 2016
05	Hammiche Dalila Boukerrou Amar Djidjelli Hocine Grohens Yves	Compatibilizer effects on properties of polyvinyl chloride/alfa composites	Première Conférence Nationale sur la Chimie et ses Applications (CNCA'1). Université de Bordj Bou Arréridj –Algérie, 2016
06	Adrar Salima Habi Abderrahmane	Étude de la morphologie, des propriétés rhéologiques, thermiques et thermodynamiques des nanocomposites PBAT/nanocharges	Première Conférence Nationale sur la Chimie et ses Applications (CNCA'1) Université de Bordj Bou-Arréridj, 26-27 Avril, 2016
07	ZEBBOUDJ Youcef NOURI Hamou ACHOURI Imad AIT SAID Hakim AISSOU Massinissa	Modeling and simulation of corona discharge characteristics on the electrostatic precipitators.	CNHT 10, Alger (2016)
08	Bradai Mohand Amokrane Younes Rassim Sadeddine Abdelhamid Mouadji Youcef Benabbas Abderrahim	Influence de la sous couche d'accrochage en Ni-Al sur la résistance à l'usure d'un dépôt en acier inoxydable obtenu par projection à arc-fil.	Les dixièmes journées de Mécanique (JM-10) 12-13 Avril 2016. Ecole Militaire Polytechnique, Bordj El Bahri-Alger
09	Younes Rassim Bradai Mohand Amokrane Sadeddine Abdelhamid Mouadji Youcef Bilek Ali Benabbas Abderrahim	Caractérisation tribologique et structurale d'un dépôt céramique à base d'alumine obtenu par projection thermique à flamme., Bordj El Bahri-Alger.	Les dixièmes journées de Mécanique (JM-10) 12-13 Avril 2016. Ecole Militaire Polytechnique, Bordj El Bahri-Alger
10	Hamici Nadjib Sadaoui Djamel Sahi Adel	Combined mixed convection and thermal radiation in A square cavity with an inside inclined heater	CFD & Tech, CRND-Draria Draria, Alger, 02 – 03 Mai 2016
11	Aghbari Anis Ali Agha Hamza Sadaoui Djamel	Etude d'un écoulement thermosolutal en convection naturelle dans un milieu poreux rempli d'un nanofluide	CFD & Tech, CRND-Draria Draria, Alger, 02 – 03 Mai 2016