

Faculté:
Sciences exactes et Science de la
Nature et de la vie

I. Publications Internationales:

N°	Auteurs	Titre	Nom du journal	Site web	Mots clés
1	Mahmoud Merad et al.	On Fractional Duffin–Kemmer–Petiau Equation	Few-Body Systems 57 (4), 265-273(2016).	http://link.springer.com/article/10.1007%2Fs00601-016-1052-x	
2	Mahmoud Merad et al.	Space–time transformation for the propagator in de Broglie–Bohm theory	Pramana 87 (5), 66 (2016)	https://link.springer.com/article/10.1007/s12043-016-1267-x	
3	Mahmoud Merad et al.	Galarkin method for two-dimensional Hyperbolic integrodifferential equation with purely integral conditions,	Applied Mathematics and Computation 291 (2016) 386–394	http://www.sciencedirect.com/science/article/pii/S0096300316304337	
4	Mahmoud Merad et al.	Analytical Solution of non integer extraordinary differential equation via Adomian decomposition method	Malaya Journal of Mathematik, 4(1),126-135,(2016).	https://www.researchgate.net/publication/296817631_Analytical_Solution_of_Non-Integer_Extra-Ordinary_Differential_Equation_Via_Adomian_Decomposition_Method	
5	Mahmoud Merad et al.	The combined Laplace transform-Adomian decomposition method for solving nonlocal initial boundary value problems	Pan-American Mathematical Journal, Volume 26,Number 2, 22-37(2016)	http://www.internationalpubls.com/PanAmerican.htm	
6	Mahmoud Merad et al.	Duffin–Kemmer–Petiau oscillator with Snyder-de Sitter algebra	Journal of Mathematical Physics 58 (2), 023501 (2017)	http://aip.scitation.org/doi/abs/10.1063/1.4975137	
7	Mahmoud Merad et al.	Propagator of Dirac oscillator in 2D with the presence of the minimal length uncertainty	Eur. Phys. J. Plus (2017) 132: 94.	https://link.springer.com/article/10.1140/epjp/i2017-11353-8	
8	Mahmoud Merad et al.	Space-Time Fractional DKP Equation and Its Solution	Few-Body Systems 58 (3), 131 (2017)	https://link.springer.com/article/10.1007/s00601-017-1295-1	
9	Sofiane Bouacida et al.	Photo-electrochemical and physical characterizations of a new single crystal POM- based material. Application to Rhodamine B photodegradation	Solar Energy Materials & Solar Cells 147 (2016) 46-52.	http://dx.doi.org/10.1016/j.solmat.2015.11.042	
10	Sofiane Bouacida et al.	catena-Poly[1,3-benzothiazol-3-ium [[dichloridoantimonate(III)]-di-1chlorido-1-oxido-[chloridoantimonate(III)]-1-chlorido]]	Acta Cryst. (2016). E72, m212–m214.	http://dx.doi.org/10.1107/S2056989016000785	
11	Sofiane Bouacida et al.	Synthesis, structure, theoretical calculations and optical properties performance of substituted-azobenzene dyes.	Optical and Quantum Electronics. (2016), 48, 3:178	http://dx.doi.org/10.1007/s11082-016-0455-8	

12	Sofiane Bouacida et al.	The poly[tetraaqua- μ 2-oxalatosodium(I)iron(III)] a new one-dimensional coordination polymer.	Acta Cryst C, (2016). C72, 243–250.	http://dx.doi.org/10.1107/S2053229616002953	
13	Sofiane Bouacida et al.	Synthesis and biological evaluation of heterocyclic privileged medicinal structures containing (benz)imidazole unit.	Monatshefte für Chemie - Chemical Monthly December 2016, Volume 147, Issue 12, pp 2209–2220	http://dx.doi.org/10.1007/s00706-016-1733-7	
14	Sofiane Bouacida et al.	Structural characterization of a new Cobalt(II) complex of 1-benzyl-5-methyl-1H-imidazole	Journal Structural Chemistry, July 2016, Volume 57, Issue 4, pp 835–839	http://dx.doi.org/10.1134/S0022476616040338	
15	Sofiane Bouacida et al.	Synthesis, X-ray structure and theoretical study of benzazole thioether and its Zinc complex as corrosion inhibitors for steel in acidic medium.	Research on Chemical Intermediates (Res Chem Intermed) Research on Chemical Intermediates March 2016, Volume 42, Issue 3, pp 1571-1581	http://dx.doi.org/10.1007/s11164-016-2546-3	
16	Sofiane Bouacida et al.	Photo-electrochemical and physical characterizations of a new single crystal POM-based material. Application in photocatalysis.	Journal of Molecular Structure Volume 1125, 5 December 2016, Pages 540-545.	http://dx.doi.org/10.1016/j.molstruc.2016.07.006	
17	Sofiane Bouacida et al.	Synthesis, X-ray structure, theoretical investigation, corrosion inhibition and antimicrobial activity of benzimidazole thioether and their metal complexes.	Polyhedron, Volume 119, 24 November 2016, Pages 248–259	http://dx.doi.org/10.1016/j.poly.2016.08.045	
18	Sofiane Bouacida et al.	Synthesis, spectral, optical properties and theoretical calculations on Schiff bases ligands containing o-tolidine.	Opt. Mater. (2016), Volume 56, June 2016, Pages 116-120	http://dx.doi.org/10.1016/j.optmat.2015.12.046	
19	Sofiane Bouacida et al.	Crystal structure and DFT computational studies on diaquabis(pyridine)cobalt(II) dichloride.	Molecular Crystals and Liquid Crystals Volume 634, Issue 1, 23 July 2016, Pages 130-138	http://dx.doi.org/10.1080/15421406.2016.1191893	
20	Sofiane Bouacida et al.	Synthesis and Reactivity of Ferrocenyl-Substituted Allylamine Derivatives	European Journal of Inorganic Chemistry Volume 2017, Issue 2 January 10, 2017 Pages 340–350	http://dx.doi.org/10.1002/ejic.201600860	
21	Sofiane Bouacida et al.	Synthesis, X-ray structure and theoretical investigation of 2-(2'-quinoly)benzimidazole metal complexes	Journal of Chemical Sciences January 2017, Volume 129, Issue 1, pp 21–29	http://dx.doi.org/10.1007/s12039-016-1210-1	
22	Sofiane Bouacida et al.	Synthesis, characterization and X-ray crystal structure of novel nickel Schiff base	J IRAN CHEM SOC. March 2017, Volume 14, Issue 3, pp 703–771	http://dx.doi.org/10.1007/s13738-016-1022-8	

		complexes and investigation of their catalytic activity in the electrocatalytic reduction of alkyl and aryl halides			
23	Sofiane Bouacida et al.	A novel nickel(II) complex obtained from 2-[(3-bromo-propylimino)-methyl]-phenol as a ligand: synthesis, structural characterization, electrochemical and electrocatalytic investigations	Research on Chemical Intermediates May 2017, Volume 43, Issue 5, pp 3163–3182	http://dx.doi.org/10.1007/s11164-016-2817-z	
24	Sofiane Bouacida et al.	Sequential MCR/Fisher indolization strategy for the construction of polycyclic carbazole derivatives.	Tetrahedron Letters Volume 58, Issue 13, 29 March 2017, Pages 1305–1307	http://dx.doi.org/10.1016/j.tetlet.2017.02.047	
25	Sofiane Bouacida et al.	Selective synthesis of (3-ferrocenylprop-2-en-1-yl)tri-phenylphosphonium iodide: crystal structure determination of two polymorphs	Acta Cryst. (2017). C73	https://doi.org/10.1107/S2053229617004867	
26	Sofiane Bouacida et al.	A novel three-dimensional SrII coordination polymer based on benzene-1,2,4,5-tetracarboxylate: hydrothermal synthesis, crystal structure and spectroscopic and thermal studies.	Acta Cryst. (2017). C73	https://doi.org/10.1107/S2053229617003850	
27	Sofiane Bouacida et al.	Effect of the complexation on the NLO electronic contribution in film based conjugated quinoline ligand Original Research Article.	Physica B: Condensed Matter, Volume 516, 1 July 2017, Pages 1-6.	http://doi.org/10.1016/j.physb.2017.04.011	
28	Sofiane Bouacida et al.	Synthesis, characterization, X-ray structure, optical properties and theoretical calculations of condensed phthalazines	J. Chem. Sci.	http://doi.org/10.1007/s12039-017-1278-2	
29	Sofiane Bouacida et al.	DMAP as a new efficient catalyst for the one-pot synthesis of condensed phthalazines.	Z. Naturforsch. 2017; 72(5)b: 361–368	http://doi.org/10.1515/znb-2016-0262	
30	Ahmed Rahmani et al.	Thermal modeling of a basin type solar still enhanced by a natural circulation loop	Computer and Chemical Engineering	http://dx.doi.org/10.1016/j.compchemeng.2017.02.03	
31	Abdelkader Nouri	Local temperature rise during the electron beam characterization. Calculation model for the Al _x Ga _{1-x} N at low dimensions	Materials Science-Poland, ISSN 2083-1331	http://www.materialsscience.pwr.wroc.pl/	

II. Communications internationales :

N°	Auteurs	Titre	Nom de la conférence, date, lieu	Site web	Mots clés
1	Sofiane Bouacida et al.	Synthesis, X-ray structural study and theoretical investigation of new coordination complexes based on benzimidazole derivatives	30th European Crystallographic Meeting, ECM30, 28th August - 1st September 2016, Congress Center Basel, Switzerland		
2	Bouchene Rafika	EFFICIENT SYNTHESIS OF FERROCENYL ALLYLIC DERIVATIVES	Journées de Chimie de Coordination de la SCF, 28-29 Janvier 2016, Toulouse		
3	Bouchene Rafika	Synthesis and reactivity of ferrocenylallylamine derivatives	19th Tunisia Chemistry Conference, TCC2016, 19-22 December 2016 Hammamet Tunisia		
4	Sofiane Bouacida	Synthesis, characterization, theoretical investigation of heterocyclic transition metal complexes	Premier colloque maghrébin sur la chimie des hétérocycles CMCH-01 2017, 16-17 Mai 2017 Tunis, Tunisie		
5	Ahmed Rahmani	Numerical and Experimental Study of a Passive Solar Still Integrated With an External Condenser	4ème Conférence Internationale des Energies Renouvelable, 2016, Hammamet-Tunisie		
6	Ahmed Rahmani	Performance Evaluation of the Basin Type Solar Still Using an Internal Solar Collector	4ème Conférence Internationale des Energies Renouvelable, 2016, Hammamet-Tunisie		
7	Abdelkader Nouri	Analysis methods based on electron-matter interaction. Experimental and simulation studies in nanoscale	First International Conference on "Multifunctional Materials and their Applications" (2MAP – 2016) from 06 to 08 May 2016 at EL MOURADI CLUB Hotel, Sousse, Tunisia	https://sites.google.com/site/multifunctionalmaterials2016/home	
8	Abdelkader Nouri	A New Practical Simulation To Study The Influence Of Sahara Sandstorm On Solar Panel	International Conference on Composite Materials & Renewable Energy Applications, ICSEMA'16 , from 21-23 Mars, Marrakech, Morocco	https://icsema1st.sciencesconf.org/resource/page/id/15	

Communications nationales :

N°	Auteurs	Titre	Nom de la conférence, date, lieu	Site web	Mots clés
1	Bouchene Rafika	Synthèse et caractérisation structurale et thermique d'un nouveau polymère de coordination chloro-ponté à base de cadmium II	La première journée nationale sur les Sciences Analytiques Matériaux et Environnement 05 Juin 2016 Oum El Bouaghi		

I. Publications Internationales:

N°	Auteurs	Titre	Nom du journal	Site web	Mots clés
1	Okba Zehrour	Ultimate bound and dynamical behavior for a new complex financial chaotic system	NONLINEAR STUDIES	www.nonlinearstudies.com	

II. Communications internationales :

N°	Auteurs	Titre	Nom de la conférence, date, lieu	Site web	Mots clés
1	Ahcene Merad	Variational iteration method for solving nonlocal problems	Dixième rencontre d'analyse mathématiques et applications « RAMA 10 », Ouargla 07-11 février 2016.		
2	Brahim Nini	Wolf Pack algorithm for a fractal image compression	The Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MEDPRAI'2016, 2016, Novembre 22-23, Tebessa, Algeria		
3	Brahim Nini	Analysis of the Use of Some Statistical Measures in Deciding About the Efficiency of an Image Encryption Algorithm	Second International Image Processing, Applications and Systems Conference, IPAS'16, 2016, Novembre 05-07, Hammamet-Tunisie		
4	Brahim Nini	Bitwise level image permutation using a sinusoidal signal	Fifth International Conference on Multimedia Computing and Systems, ICMCS'16, 2016,Septembre 29 – Octobre01, Marrakech, Maroc		
5	Brahim Nini	Local edge detection of an image using weighted pixels based on their neighbourhood".	Fifth International Conference on Multimedia Computing and Systems ICMCS'16. September 29 –October 1, 2016, Marrakech, Morocco		
6	Brahim Nini	Vision based abnormal human activities recognition: an overview	The 8th International Conference on Information Technology, ICIT 2017, 2017, Mai 17-18, Amman Jordan		
7	Mohamed Berkane	Phase Correlation method to the optical flow using Neuronal networks	Fifth International Conference on Multimedia Computing and Systems, ICMCS'16, 2016,Septembre 29 – Octobre01, Marrakech, Maroc		
8	Mohamed Berkane	Comparative study of optical flow methods using frequency components	2nd International Conference on Pattern Analysis and Intelligent Systems(PAIS'2016), Khenchela, Algeria		

III. Communications nationales :

N°	Auteurs	Titre	Nom de la conférence, date, lieu	Site web	Mots clés
1	Ahcene Merad	Existence and uniqueness of solution for fractional differential equations with purely nonlocal conditions	Journée d'étude sur l'analyse mathématiques et systèmes dynamiques, Oum El Bouaghi 01 Juin 2016		
2	Okba Zehrour	Stabilité des systèmes dynamiques complexes	Journée d'étude sur l'analyse mathématiques et systèmes dynamiques, Oum El Bouaghi 01 Juin 2016		
3	Ahmed Diar	Solution bounds of the hyper-chaotic Lorenz-Haken system	Journée d'étude sur l'analyse mathématiques et systèmes dynamiques, Oum El Bouaghi 01 Juin 2016		
4	Sofiane Dehilis	hyper-chaotic Lorenz-Stenflo system	Journée d'étude sur l'analyse mathématiques et systèmes dynamiques, Oum El Bouaghi 01 Juin 2016		

I. Publications Internationales:

N°	Auteurs	Titre	Nom du journal	Site web	Mots clés
1	Amar Zellagui et al.	Chemical constituents of essential oil of <i>Marubium vulgare</i> growing in Algerian Sahara with antibiofilm, antioxidant and anticholinesterase activities	<i>J. Mater. Environ. Sci.</i>		
2	Amar Zellagui et al.	Total phenolic and total flavonoid contents of different solvent extracts of <i>Bassia muricata</i> (L.) Asch. and evaluation of antibacterial and antioxidant activities	Journal of Chemical and Pharmaceutical Research	www.scholarsresearchlibrary.com	
3	Amar Zellagui et al.	Phytochemical screening, total phenolic contents and antioxidant activity of crude coumarins and alkaloids <i>Ruta tuberculata</i> Forsk extracts	Der Pharmacia Lettre	www.scholarsresearchlibrary.com	
4	Amar Zellagui et al.	Chemical Composition of the Dichloromethane Extract of <i>Ephedra Alata</i> Leaves and Flowers	Der Pharmacia Lettre	www.scholarsresearchlibrary.com	
5	Amar Zellagui et al.	Assessment of antimicrobial activity of ethyl acetate and n-butanol extracts from <i>Satureja graeca</i> L. growing in Algeria	Der Pharmacia Lettre	www.scholarsresearchlibrary.com	
6	Amar Zellagui et al.	Chemical composition, antioxidant and antimicrobial activities of the essential oil of <i>Pulicaria arabica</i> (L.) Cass	Der Pharmacia Lettre	www.scholarsresearchlibrary.com	
7	Amar Zellagui et al.	Chemical constituents of essential oil of endemic <i>Rhanterium suaveolens</i> Desf. growing in Algerian Sahara with antibiofilm, antioxidant and anticholinesterase activities	Natural Product Research	http://dx.doi.org/10.1080/14786419.2015.1110705	
8	Amar Zellagui et al.	A novel benzimidazole and other constituents with antiproliferative and antioxidant properties from <i>Thymelaea microphylla</i> Coss. et Du	Natural Product Research	http://dx.doi.org/10.1080/14786419.2015.110705	
9	Amar Zellagui et al.	Chemical Composition Of Essential Oils And Antioxidant Activities Of extracts Of Two Endemic Plants From Algeria	IJPSR International Journal of Pharmaceutical Sciences and Research		
10	Amar Zellagui et al.	Essential oil of <i>Hertia cheirifolia</i> leaves : chemical composition, antibacterial and antioxidant activities	Journal of materials and Environmental Sciences, JMES		
11	Amar Zellagui et al.	Ferulenol, a Sesquiterpene Coumarin, Induce Apoptosis via Mitochondrial Dysregulation in Lung Cancer Induced by Benzo[a]pyrene: Involvement of Bcl2 Protein	Anti-cancer agents in medicinal chemistry		
12	Amar Zellagui et al.	b.c , b , b , b , , Biological properties of propolis extracts: Something new from an ancient product	Chemistry and Physics of Lipids,		
13	Noureddine Gherraf	Evaluation in vitro antimicrobial and antioxidant abilities of aerial part extracts of <i>Rhanterium adpressum</i> Cosson & Curieu (Algerian and Moroccan endemic plant)	International Journal of Herbal Medicine 2017; 5(2): 98-101		
14	Rabah Arhab et al.	Study of associative effects of date palm leaves mixed with <i>Aristida pungens</i> and <i>Astragalus gombiformis</i> on the aptitudes of ruminal microbiota in small ruminants	African Journal of Biotechnology Vol.15(43), pp. 2424-2433	http://www.academicjournals.org/journal/AJB/article-fulltext/CDC6DC061312	
15	Rabah Arhab et al.	Olive mill wastewater microconstituents composition according to olive variety and extraction process	Food Chemistry, 209: 72-80		
16	Rabah Arhab et al.	Effect of CHAMAEMELUM NOBILE and CHRYSANTHEMUM SEGETUM extracts on ruminale methanogenesis, in vitro degradability and methane forming population	International Journal of Advanced Research, 4 (5): 141-154		
17	Mohamed Mourad Senoussi	Efficiency of Salicylic Acid in the Reduction of <i>Cicer arietinum</i> Infection by <i>Fusarium roseum</i>	RJPBCS	http://www.rjpbc.com	
18	Mohamed Mourad Senoussi	Isolation of Tomato Fruits Mycoflora and Evaluation in vitro and in vivo by <i>Trichoderma harzianum</i>	Int.J.Curr.Microbiol.App.Sci	http://www.ijcmas.com	

II. Publications nationales

N°	Auteurs	Titre	Nom du journal	Site web	Mots clés
1	Mouloud Boulekhssaim	ECOLOGIE DE LA REPRODUCTION DU TADORNE DE BELON Tadornatadorna DANS LA REGION DES ZONES HUMIDES D'OUM EL BOUAGHI	Revue des bio ressources. (ISSN:2170-1806)	https://revues.univ-ouargla.dz/index.php/volume-6-numero-2-decembre-2016/3472-ecologie-de-la-reproduction-du-tadorne-de-belon-tadorna-dans-la-region-des-zones-humides-d-oum-el-bouaghi-boulkhssaim-m-ouldjaoui-a-et-boulahbel-s	

III. Communications internationales :

N°	Auteurs	Titre	Nom de la conférence, date, lieu	Site web	Mots clés
1	Amar Zellagui et al.	Seasonal Variation of Essential Oils Composition from Thymus Numidicus and their Antioxidant and Antimicrobial Effects	6 th International Chemistry Conference (6 th ICC) November 2016, Arabi saoudite		
2	Noureddine Gherraf	Essential oils from launeaudicaulis and their antioxidant and antimicrobial activity	6 th International Chemistry Conference (6 th ICC) November 2016, Arabi saoudite		
3	Amar Zellagui et al.	Antioxidant of the essential oil and methanol extract from aerial parts of Centaurea sphaerocephala L. Growing in Algeria	6 th International Chemistry Conference (6 th ICC) November 2016, Arabi saoudite		
4	Amar Zellagui et al.	Phytochemical and biological activities og Genista microcephala Coss et Dur.	Conference: International Conference on Chemical and Biochemical Engineering, 2016 ICCBE Istanbul		
5	Rabah Arhab	Archaeobactéries et effet de serre : Perspectives de contrôle des émissions atmosphériques de méthane par les ruminants	Bioactive Molecules: Source, Identification, Applications and Modeling, Oum El Bouaghi, April, 18th 2017, Oum El-Bouaghi		
6	Rabah Arhab	Valorisation of tannins rich feedstuffs collected from Algerian rangelands as protein moieties coating	Bioactive Molecules: Source, Identification, Applications and Modeling, Oum El Bouaghi, April, 18th 2017, Oum El-Bouaghi		
7	Rabah Arhab	Evaluation of the nutritive value of Algerian green seaweed (Ulva lactuca) and molecular characterisation of the fermentative associated cellulolytic microflora	10th Joint INRA-ROWETT Symposium on Gut Microbiology, Clermont-Ferrand, 20-23 June 2016, France		
8	Rabah Arhab	Effect of CHAMAEMELUM NOBILE and CHRYSANTHEMUM SEGETUM extracts on ruminale methanogenesis, in vitro degradability and methane forming population.	10th Joint INRA-ROWETT Symposium on Gut Microbiology, Clermont-Ferrand, 20-23 June 2016, France		
9	Souad Boulahbal et al.	Effets du chlorure d'aluminium sur quelques paramètres de reproduction chez le lapin Néo Zelandais	1 ^{er} Colloque International d'Ecophysiologie Animale et Biodiversité, 22 et 23 Novembre 2016, Alger		
10	Souad Boulahbal et al.	Effets des extraits organiques de Bunium incrassatum sur quelques paramètres biochimiques et de reproduction chez les lapines pubères de la RACE locale	1 ^{er} Colloque International d'Ecophysiologie Animale et Biodiversité, 22 et 23 Novembre 2016, Alger		
11	Souad Boulahbal et al.	Effet des extraits organiques de Bunium incrassatum sur quelques paramètres hematologiques et morphologiques de reproduction chez les lapines gestantes de race locale	6eme congrès de la biologie médicale et médecine de laboratoire, 19 et 20 novembre 2016, Alger		
12	Souad Boulahbal et al.	Effets néfastes des extraits aqueux de Peganum Harmala L sur quelques paramètres biochimiques et de reproduction chez les lapins de race locale	Le premier colloque international, en toxicologie et santé, 28 et 29 Novembre 2016, Guelma, Algérie		
13	Souad Boulahbal et al.	Inventaire des ectoparasites chez les oiseaux aquatiques des zones humides d'Oum El Bouaghi	10thMaghrebian Congress on Marine Sciences and the 5th Franco Maghrebian Congress of Zoologie&Ichtyology, held at Fèz, 08th to 10th December 2016, Fèz morocco		
14	Souad Boulahbal et al.	Impact des Helminthes parasites sur la croissance de Barbus callensis (Cyprinidés) dans le barrage Beni Haroun (Algérie)	10thMaghrebian Congress on Marine Sciences and the 5th Franco Maghrebian Congress of Zoologie&Ichtyology, held at Fèz, 08th to 10th December 2016, Fèz morocco		
15	Souad Boulahbal et al.	Impact des Helminthes parasites sur la croissance d'un poisson cyprinidés Abramis brama d'eau douce peuplant le barrage Beni Haroune	IVème Rencontre tuniso- Francaised' Ichtyologi, 18-20 Mars 201, Tunisie		
16	Souad Boulahbal et al.	Impact des Helminthes parasites sur la croissance d'un poisson cyprinidés Carrassius Carassius d'eau douce peuplant le barrage Beni Haroune	IVèmeRencontre tuniso- Francaised' Ichtyologi, 18-20 Mars 201, Tunisie		
17	Mohamed Mourad Senoussi	Effects of Entomopathogenic Fungi on Tribolium castaneum(Herbst)(Coleoptera: Tenebrionidae).	Turkey 6th Plant Protection Congress with International 5-8, 2016 Konya		

IV. Communications nationales :

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1	Souad Boulahbal et al.	Role d'un produit naturel (fruits de dattier palmier) dans la prévention contre l'effet toxique du mercure chez les lapins	1 erséminaire national phytothérapie et santé, Blida, Algérie		