

Les publications 2016-2017

Liste des publications impactées parues en 2017 (13 publications en total)

1- **Amira Lebib, Zouhour Zaaboub, Riadh Hannachi, Lotfi Beji, Laarbi Sfaxi, Frej Hassen, Hassen Maaref** « Structural and photoluminescent characteristics of porous GaAs capped with GaAs », Materials Science in Semiconductor Processing, Volume 71, 151–155 (2017).

2- **Amira. Lebib, Emna. Ben Amara, Lotfi. Beji,** « Structural and luminescent characteristics of porous GaAs », Journal of Luminescence, Volume 188, 337-341 (2017)

3- **M. Baazaoui, Nejeh Hamdaoui, M. R. Laouyenne, W. Cheikhrouhou-Koubaa, Lotfi Beji, M. Oumezzine:** Role of Gallium Doping in Structural, Magnetic, and Dielectric Properties of the Compounds $La_{0.65}Bi_{0.05}Sr_{0.3}Mn_{1-x}Ga_xO_3$ ($x = 0$ and 0.06). Journal of Superconductivity and Novel Magnetism 04/2017;, DOI:10.1007/s10948-017-4111-8

4- **Mohamed Hsini, N. Hamdaoui, S. Hcini, Bouazizi Mohamed Lamjed , Sadok zemni, Lotfi Beji:** Effect of iron doping at Mn-site on complex impedance spectroscopy properties of Nd 0.67 Ba 0.33 MnO 3 perovskite. October 2017 Phase Transitions DOI 10.1080/01411594.2017.1382701

5- **Nejeh Hamdaoui, Lotfi Beji:** Electrical characterization and dielectric impedance of Au/n-CdS/p-porous GaAs/p ++-GaAs thin film structures. Journal of Applied Physics 05/2017; 121(18)., DOI:10.1063/1.4983095

6- **D Salem, R Hannachi, Y Cressault, Ph Teulet, L Béji:** Mean absorption coefficients of He/Ar/N 2 /($C 1 - x - y$, $Ni x$, $Co y$) thermal plasmas for CNT synthesis. Journal of Physics D Applied Physics 01/2017; 50(3):035203., DOI:10.1088/1361-6463/50/3/035203)

7- **G. Enaïme, K. Ennaciri, A. Ounas, A. Baçaoui, M. Seffen, T. Selmi, A. Yaacoubi,** J Mater Environ Sci, 8 (2017) 4125-4137.

8- R. Beji ,Wisse Hamdi,A. Kesraoui; Mongi Seffen ;Effects of salts on phosphorus adsorption in alkalize Tunisian soil, 2017, Euro-Mediterranean Journal for Environmental Integration. DOI 10.1007/s41207-016-0012-7 .

9- A. Othmani ; A. Kesraoui ; M. Seffen - The alternating and direct current effect on the elimination of cationic and anionic dye from aqueous solutions by electrocoagulation and coagulation flocculation. Euro-Mediterr J Environ Integr (2017) 2:6 doi : 10.1007/s41207-017-0016-y.)

10- Aloulou Fadhel , Sabrine Alila , Seffen Mongi, Oxidized Vegetable sponge (luffaculindrica) Reusable Novel heavy Metal ions Adsorbent, International Journal of Science and research, Volume 6 Issue 11, November 2017.DOI: 10.21275/ART20177530.

11- Takwa Ben Issa, Latifa BenHamada, Crystal Structure, Thermal Behavior and Vibrational Spectra of 4,4'Diamoniumdiphenylmethan Sulfate Hydrate. «Open Journal of Inorganic Chemistry, 2017, 7, 61-73».

12- T. Ben Issa, H. Ghalla, S. Marzoughi et L. BenHamada, Crystal structure and theoretical studies on quinoline phosphate. «Journal of Molecular Structure 1150 (2017) 127e134».

13- M. Saoudi, R. Ajje and B. Zaidi, ‘Recent progress in organic nano-composites: Synthesis and treatments for use as active layers in electronic devices’, International Journal of Experimental Research and Review (IJERR), Int. J. Exp. Res. Rev., Vol. 9: 11-46 (2017)

**Liste des publications
impactées parues en 2017
(13 publications en total)**

**Liste des publications
impactées (JCR) parues en
2016**

(7 publications en total)

1- Dhahbi Tlilia, Nejeh Hamdaoui, Sobhi Hcinide, Mohamed Lamjed, Sadok Zemnia, 'Above room temperature complex impedance analysis of properties of La_{0.33}Sr_{0.67}Mn_{0.33}Ti_{0.67}O₃ perovskite', phase transitions,

10.1080/01411594.2016.1252984, pp. 1-9, (2016)

2- H. Saghrouni, S. Jomni, A. Cherif, W. Belgacem, L. Beji, ' The temperature dependence on the electrical properties of dysprosium oxide deposited on n-porous GaAs'

journal of alloys and compounds 676, pp. 127, 134, (2016)

3- A. Lebib, R. Hannachi, L. Beji, B. El Jani, ' effect of band gap narrowing on GaAs tunnel diode I-V characteristics' physica B 502, pp. 93-96, (2016)

4- A. Cherif, S. Jomni, H. Saghrouni, W. Belgacem, K. Khirouni, L. Beji, ' Temperature dependent dielectric studies of Al/Dy₂O₃/ porous Si heterostructure by capacitance and conductance measurements' Journal of Alloys and Compounds 685 pp.28,33 (2016)

5- T. Tahri, N. Hamdaoui, A. Omri, S. Hcini, L. Beji, E. Dhahri, M. Es-Souni, ' Study of electrical and dielectric properties of Ca Mn 0.6 Fe 0.402.8 perovskite, J. Mater Sci: Mater Electron', DOI 10.1007/s10854-016-5143-8, (2016)

6- Saoudi M, Ajjel. R, Zaidi. B, 'Experimental and theoretical study on the charge transfer between polyaniline and single walled carbon nanotubes' J. Mater. Environ. Sci. 7 (12) pp. 4435-4447, (2016)

7- Aida Kasraoui, Taher Selmi, Mongi Seffen, Francois Brouers, ' Influence of alternating current on the adsorption of indigo carmine', Process Engineering for Pollution Control and waste minimization, Environ Sci Pollut Res, DOI 10.1007/s11356-016-7201-4, (2016)

Les Communications 2016-2017 (28 communications en total)

Communications Nationales avec actes 2016 : 13 communications en total

1. ***SELMI Taher, SEFFEN Mongi , SAMMOUDA Habib*** , Study of adsorption in batch of dye on porous materials: application of the new models of kinetics fractal and stochastic isotherm, Congress of FP4BATIW 30-31 March **2016**.
2. ***BEJI Rihab, HAMDI Wissem, SEFFEN Mongi***; Phosphorus Sorption by Soil of Kondar region of Tunisia. 30, 31 Mars **2016**. Innovative Technologies in Industrial Waste Water Treatment. Sousse.
3. ***BEL HADJ BRAHIM KECHICHE Olfa , HAMZA Marwa , SAMMOUDA Habib*** , Performance Comparison of Silicon PV Module Between Standard Test and Real Test Conditions, IEEE 7th International Renewable Energy Congress IREC'16, Hammamet, Tunisie, 21-24 Mars **2016**.
4. ***DALLEL Rania, KESRAOUI Aida, SEFFEN Mongi***. 30, 31 March **2016**. Biosorption of Chromium VI by a biomaterial “Phragmite Australis”. Innovative Technologies in Industrial Waste Water Treatment. Hotel Movenpick Sousse (FP4BATIW Regpot project)
5. ***MBARKI Fatma, KESRAOUIA Aida, SEFFEN Mongi*** Evaluation of corn stigmas in the retention of methylene blue - INTERNATIONAL WORKSHOP Innovative Technologies in Industrial Waste Water Treatment du 30 au 31 Mars **2016**, Sousse, Tunisia.

6. **BOUZAABIA Sarra, KESRAOUI Aida, SEFFEN Mongi** : Elaboration of a hybrid fiber material lignocellulosic metal oxides and study of these performances in decontamination water. ; 2nd ICIEM **2016**, International Conference on Integrated Environmental Management for Sustainable Development; Sousse October **2016**.
7. **OTHMANI Amina, KESRAOUI Aida, SEFFEN Mongi** - Effect of alternating current on the elimination of cationic and anionic dye from aqueous solution by electro-coagulation process: comparison with coagulation flocculation process - INTERNATIONAL WORKSHOP Innovative Technologies in Industrial Waste Water Treatment du 30 au 31 Mars **2016**, Sousse, Tunisia.
8. **RADDAOUI Zeineb, KESRAOUI Aida, SEFFEN Mongi** ; Study of the acid-base properties of lignocellulosic fibers and correlation with the adsorbing capacity ; 2nd ICIEM **2016**, International Conference on Integrated Environmental Management for Sustainable Development ; Sousse October **2016**.
9. **IDAHECH, KESRAOUI Ayda, SEFFEN Mongi** - Adsorption of cationic dye Methylene Blue by Activated Carbon - INTERNATIONAL WORKSHOP Innovative Technologies in Industrial Waste Water Treatment du 30 au 31 Mars **2016**, Sousse, Tunisia.
10. **MHIRI Hiba, JEMNI Afef, SAMMOUDA Habib**, Thermo mechanical behavior of Composite Material Praffin /Metal used for thermal energystorage (TES) applications, International Green Energy Conference InGE&EmHyTec **2016**,

11. NOUIRA Mariem, SAMMOUDA Habib, ‘Numerical optimization of Physical properties of building walls to obtain thermal comfort by using phase change materials (PCMs)’, “ 2016 World Symposium on Mechatronics Engeneering& Applied Physics (WSMEAP 2016)”sousse, Juillet 2016

12. BAHROUNI Yahya, BEN HAMADA Latifa , ‘Crystal structure and physicochemical properties of a new Organic Ntrate single Crystal: C7H9N2O) HNO’, TCM5 Conference, Hammamet (Tunisia) March 20-24 **2016**

13. BAHROUNI Yahya , BEN HAMADA Latifa , ‘Crystal structure and physicochemical properties of a new Organic monokydrogenmonophosphate(C3H9N)HPO4’, TCM5 Conference, Hammamet (Tunisia) March 20-24 **2016**

Communications Nationales avec actes 2017 : 15 communications en total

14. SELMI Taher, SEFFEN Mongi, SAMMOUDA Habib, Adsorption of model dyes onto porous materials: Effect of pH and temperature on the parameters of Brouers-Sotolongo kinetic fractal and generalized isotherm EMCEI 22-25 November **2017**(Accepted).

15. BEJI Rihab, HAMDY Wissem, SEFFEN Mongi ; Adsorption of phosphate by alkalize Tunisian soil in a fixed bed column: experiments and prediction of breakthrough curves . First National Meeting on Clays and Composite Materials, 1st NMCCM, 20-22 October Hammamet **2017**

- 16. MBARKI Fatma , OTHMANI Amina, KESRAOUI Aida ,SEFFEN Mongi** - Kinetic and thermodynamic study of the bio sorption of hexavalent chromium on corn stigmas in aqueous medium in absence and presence of alternating current - 1st Euro-Mediterranean Conference for Environmental Integration (EMCEI) du 22 au 25 Novembre, **2017** Sousse, Tunisie.
- 17. OTHMANI Amina, AKROUT Hanene, KESRAOUI Aida, SEFFEN Mongi** - Coupling of anodic oxidation and biosorption by *Luffa cylindrica* for removal of methylene blue using Pb/PbO₂ electrodes.
- 18. ALOULOU Fadhel, ALILA Sabrine, SEFFEN Mongi**.; “Influence of fiber flours of wood modified on fresh state proprieties of cement-based mortars” presented at Au First National meeting On Clay and composite Materials (1stNMCCM, 20-22 October **2017**, Nabeul-Tunisia.;
- 19. ALOULOU Fadhel, ALILA Sabrine, SEFFEN Mongi**; “Characterization and Treatment of Wood Fiber Residues For cement-Based Composite Application”. Presented at Au First National meeting On Clay and composite Materials (1stNMCCM, 20-22 October **2017**, Nabeul-Tunisia
- 20. ALOULOU Fadhel, ALILA Sabrine, SEFFEN Mongi** , Elaboration of New Nano-porous Nanocomposite Materials with Clay Modidied Fibre Cellulose”, presented at the Nanoscale Science and Tecgnology (NSaT’17), 27-29 October **2017**, Hammamet Tunisia..“

- 21. MORJÈNE Latifa, ALOULOU Fadhel, SEFFEN Mongi** , “Effect of nano organo clay and waste glass powder on the proprieties of wood fiber reinforced mortat of cement”.presented atAu First National meeting On Clay and composite Materials (1stN MCCM, 20-22 Octobre **2017**, Nabeul-Tunisia.
- 22. BEL HADJ BRAHIM KECHICHE Olfa , BARKAOUI Bassem, HAMZA Marwa , SAMMOUDA Habib** , Simulation and Comparison of P&O and Fuzzy Logic MPPT Techniques at Different Irradiation Conditions, IEEE International Conference on Green Energy Conversion Systems GECS’17, Hammamet, Tunisie, Mars 23-25, **2017**.
- 23. HAMZA Marwa , BEL HADJ BRAHIM KECHICHE Olfa , BARKAOUI Bassem , SAMMOUDA Habib** , Performance Comparison Between Commercial Mono-crystalline and Poly-crystalline PV Modules Under LCPV Conditions, **IEEE** International Conference on Green Energy Conversion Systems GECS’17, Hammamet, Tunisie, Mars 23-25, **2017**.
- 24. HAMZA Marwa , BEL HADJ BRAHIM KECHICHE Olfa , SAMMOUDA Habib** , Performance Comparison of Tandem and Parallel Triple-Junction Solar Cell under Variable Concentrated Irradiance and High Temperature, **International Conference on Applied Physics ICAP’17**, Sousse, Tunisie, Juillet 23-25, **2017**.
- 25. MHIRI Hiba , JEMNI Afef , SAMMOUDA Habib** , ’ Simulation of electrical and thermal behaviors of Paraffinnanocompositeused for energy storage’, Word Symposium on Mechatronics Engineering & Applied physics, Sousse, 01-02 Juillet **2017** à Sousse

26. NOUIRA Mariem, SAMMOUDA Habib "Thermal regulation of PV sensors temperature using Phase Change Materials" , 2017 World Symposium on Mechatronics Engineering & Applied Physics (WSMEAP **2017**)

27. BEN ISSA Takwa , S. MARZOUGUI, H. GHALLA, A. ROMEROSA, BEN HAMADA Latifa ' Experimental and Theoretical Study of electronic and Thermal Properties of a New Organic Phosphate'CMCH 1 – 2017 ,Tunis, 16-17 mai **2017**,

28. BEN ISSA Takwa , S. MARZOUGUI, H. GHALLA, A. ROMEROSA, BEN HAMADA Latifa ' Experimental and Theoretical Molecular Structure of Quinoline Phosphate, Hirshfeld surfaces and Topological analyses and Spectroscopic Vibrational Assignment', CMCH 1 – 2017 ,Tunis, 16-17 mai **2017**