

PUBLICATIONS INTERNATIONALES 2017

1. Ouadou, Y., Aliouche, D., Thevenon, M. F., & Djillali, M. (2017). *Characterization and photodegradation mechanism of three Algerian wood species*. *Journal of Wood Science*, 63(3), 288-2 [DOI 10.1007/s10086-017-1615-6](https://doi.org/10.1007/s10086-017-1615-6)
2. Lakreb, N., Knapic, S., Machado, J. S., Bezzazi, B., & Pereira, H. (2017).* Properties of multilayered sandwich panels with an agglomerated cork core for interior applications in buildings*. *European Journal of Wood and Wood Products*, 1-11.94.
[DOI 10.1007/s00107-017-1198-3](https://doi.org/10.1007/s00107-017-1198-3)
3. Gueciouer, A., Benmounah, A., Sekkiou, H., Kheribet, R., & Safi, B. (2017).* Valorization of KCl/PHPA system of water-based drilling fluid in presence of reactive clay*: Application on Algerian field. *Applied Clay Science*, 146, 291-296. <https://doi.org/10.1016/j.clay.2017.06.007>
4. Salhi, M., Abaidia, S. E. K., Mammeri, S., & Bouaouina, B. (2017).* Sputter deposition of Titanium and Nickel thin films in radio frequency magnetron discharge characterized by optical emission spectroscopy and by Rutherford backscattering spectrometry*. *Thin Solid Films*, 629, 22-27. <https://doi.org/10.1016/j.tsf.2017.03.032>
5. Salhi, M. H., Abaidia, S. E. H., Mohamedi, B., & Laouar, S. (2017).* Cooling enhancement of planar-balanced magnetron cathode*. *Nuclear Science and Techniques*, 28(8), 111
6. Tala-Ighil, R., Bensouici, F., Larab, B., Bachir, S., Toubane, M., Haouanoh, D., & Iratni, A. (2017).* Optimized tin-doped and undoped zinc oxide thin layers for photovoltaic application*. *OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS*, 11(5-6), 332-336.
7. Aboutaleb, D., Safi, B., Chahour, K., & Belaid, A. (2017).* Use of refractory bricks as sand replacement in self-compacting mortar *. *Cogent Engineering*, 4(1), <https://doi.org/10.1080/23311916.2017.1360235>.
8. Zeghad, M., Mitterpach, J., Safi, B., Amrane, B., & Saidi, M. (2017). *Reuse of refractory brick wastes (RBW) as a supplementary cementitious material in a concrete. *Periodica Polytechnica Civil Engineering*, 61(1), 75.
9. Mohammed, B., Amina, D., Guetaf, H., & Boudjema, B. (2017).* Air Pollution from Diesel Particles and Chronic Obstruction Pulmonary Disease-CT Scan Study*. *European Scientific Journal, ESJ*, 13(6). <https://doi.org/10.19044/esj.2017.v13n6p504>
10. Laouchedi, D., Bezzazi, B., & Aribi, C.* Elaboration and characterization of composite material based on epoxy resin and clay fillers *. *Journal of Applied Research and Technology*. www.jart.accadet.unam.mx No. of page15.
11. Bensouici, F., Tala-Ighil, R., & Bououdina, M. (2016). * Nanostructured oxide materials for photodegradation of dyes *. In *Advanced Environmental Analysis* (pp. 207-234).
12. Toubane, M., Tala-Ighil, R., Bensouici, F., Bououdina, M., Souier, M., Liu, S., ... & Iratni, A. (2017).* Sol concentration effect on ZnO nanofibers photocatalytic activity synthesized by sol-gel dip coating method *. *Materials Research Express*, 4(3), 035023. <https://doi.org/10.1088/2053-1591/aa61cf>

- 13.** **Moudir, D., Souag, R., Kamal, N., Benmounah, A., Mesrana, S., Slimani, N., & Sari, A.** (2017). *STUDY OF THE INFLUENCE OF NA/K ALKALI MOLAR RATIO ON THE PROPERTIES OF A GLASSY MATERIAL FOR NUCLEAR WASTE DISPOSAL*. *FRESENIUS ENVIRONMENTAL BULLETIN*, 26(1 A), 913-918.
- 14.** **Djouab, A., Benamara, S., Benamounah, A., Djemel, F., & Gougam.** *HOxidative Stability of Margarine Enriched with Phoenix canariensis L. Date Peel Extract *. *Iranian Journal of Chemistry and Chemical Engineering (IJCCE)*, 36(3), 53-64. (2017).
1021-9986/2017/2/53-64
- 15.** **Chergui, Y., Aouaroun, T., Hadley, M. J., Belkada, R., Chemam, R., & Mekki, D. E** (2017) * Molecular dynamics simulation of ZnO wurtzite phase under high and low pressures and temperatures *. *Materials Research Express*.<https://doi.org/10.1088/2053-6400/aa933d>
- 16.** **Ziouche, A., Zergoug, M., Boucherrou, N., Boudjellal, H., Mokhtari, M., & Abaidia, S.** (2017) * Pulsed eddy current signal analysis of ferrous and non-ferrous metals under thermal and corrosion solicitations *. *Russian Journal of Nondestructive Testing*, 53(9), 652-659. **DOI** ; [10.1134/S1061830917090108](https://doi.org/10.1134/S1061830917090108)
- 17.** **Bouaouina, B., Besnard, A., Abaidia, S. E., Airoudj, A., & Bensouici, F.** *Correlation between mechanical and microstructural properties of molybdenum nitride thin films deposited on silicon by reactive RF magnetron discharge *. *Surface and Coatings Technology*, 333, 32-38.<http://dx.doi.org/10.1016/j.surfcoat.2017.10.028>
- 18.** **Chahour, K., Aboutaleb, D., Safi, B., Mazari, T., & Zeghad, M.** (2017) * Granulated foam glass based on mineral wastes used for building materials *. *Building Acoustics*, **DOI** ; [10.1177/1351010X1773943](https://doi.org/10.1177/1351010X1773943)
- 19.** **Belal, T., Zair, R. T. I., & Ghezal, F.** (2017) * Numerical Simulation of CuInSe2 (CIS) Thin Film Solar Cell with (ZnO, ZnO: F) Buffer Layers * American Journal of Nanosciences :3(3) :53-58 **DOI** :[10.11648/j.anj.20170303.14](https://doi.org/10.11648/j.anj.20170303.14)
- 20.** **D.Basaid, C.Aribi, J.Kari, A.Benmounahand & B.Safi** * A Comparatives study of the creep behavior of laminated composites : Effect of type of fiber and matrix * academicjournals Vol ;12(6),pp.59-68.31March 2017 **DOI** :[10.5897/SRE2017.6492](https://doi.org/10.5897/SRE2017.6492)
- 21.** **Bahamida, S., Fnidiki, A., Coïsson, M., Laggoun, A., Barrera, G., Celegato, F., & Tiberto, P.** (2017). * Mixed exchange-coupled soft α -Fe 80 Pd 20) and hard L1 0 FePd phases in Fe 64 Pd 36 thin films studied by first order reversal curves *. *Materials Science and Engineering: B*, 226, 47-56. <http://dx.doi.org/10.1016/j.mseb.2017.09.009>
- 22.** **Harb, N., Bezzazi, B., Mehraz, S., Hamitouche, K., & Dilmi, H.** (2017, November). Probabilistic analysis of the behavior of polymer matrix composite materials reinforced by different types of fibers. In *IOP Conference Series: Materials Science and Engineering* (Vol. 264, No. 1, p. 012021). IOP Publishing
DOI: [10.1088/1757-899X/264/1/012021](https://doi.org/10.1088/1757-899X/264/1/012021).
- 23.** **A.DJERIDI, N.KAMEL, A.BENMOUNAH, D.MOUDIR, S.KAMARIZ, & Y.MOUHEB.** (2017). * Synthesis, characterization and thermal behavior assessment of an iron phosphate glasse

- dedicated for nuclear waste confinement * Romanian Journal of Materials 2017 ,47(4) ,442-448.
24. **Djefour, I., Saidi, M., Tlemsani, I., & Toubal, S.** Elaboration and Characterization of Self-Compacting Mortar Based Biopolymer. *World Academy of Science, Engineering and Technology, International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering*, 11(2), 90-94.
25. **Saidi, M., Djefour, I., Medjber, F. A., Melouane, A., & Gacem, A. (2017).** Mechanical Strengths of Self-Compacting Mortars Prepared with the Pozzolanic Cement in Aggressive Environments. *World Academy of Science, Engineering and Technology, International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering*, 11(2), 212-217.