

N°	Titre de la publication	Auteurs	Journal	Année	Adresse URL
1	Kinetics of mullite formation from kaolinite and Boehmite	M. Heraiz, F. Sahnoune, M. Hrairi, N. Saheb, and A.Ouali	Molecular Crystals and Liquid Crystals	2016	
2	Sinterability and Thermal Properties of Cordierite Ceramics Prepared from Algerian Kaolinite and Magnesium Hydroxide	A. Ouali, F. Sahnoune, M. Heraiz, and H. Belhouchet	Molecular Crystals and Liquid Crystals	2016	
3	Thermal Ageing, Kinetics And Mechanical Properties Of Al-7 Wt.% Mg Alloy	M. Fatmi, F. Sahnoune, H. Belhouchet, T. Chihi, M.A. Ghebouli, B. Ghebouli, B. Barka, T. Rechidi	Chinese J. Physics	2016	
4	Kinetics of mullite formation from kaolinite and Boehmite	M. Heraiz, F. Sahnoune, A.Ouali	Molecular Crystals and Liquid Crystals	2016	
5	Quantization of a 3D nonstationary harmonic plus an inverse harmonic potentiel system	S. Medjber, H. Bekkar, S. Menouar, J.R. Choi	Advances in Mathematical Physics	2016	
6	Testing the validity of Ehrenfest theorem beyond simple static systems: Caldirola-Kanai oscillator driven by a time-dependent force	S. Medjber, H. Bekkar, S. Menouar, J.R. Choi	Chinese physics B	2016	
7	The effects of mechanical activation on the sintering of mullite produced from kaolin and aluminum powder,	T. Sahraoui, H. Belhouchet, M. Heraiz, N. Brihi, A. Guermat,	Ceramics International, August 2016 42(10):12185-12193	2016	
8	1- Magnetoelectric coupling in Fe <sub>3</sub> O <sub>4</sub> / P(VDF-TrFE) nanocomposites	Rabah Belouadah, Laurence SEVEYRAT, Daniel GUYOMAR, Benoit GUIFFARD, Fouad BELHOURA	Sensors and Actuators A: Physical 247, 298-306	2016	
9	The effects of mechanical activation on the sintering of mullite produced from kaolin and aluminum powder	T. Sahraoui, H. Belhouchet, M. Heraiz, N. Brihi, A. Guermat	Ceramics International	2016	

10	Thermo-mechanical characterization of a silica-alumina refractory concrete based on calcined algerian kaolin	F. Benali, M. Hamidouche, H. Belhouchet, N. Bouaouadja, G. Fantozzi	Ceramics International	2016	
11	Electronic, magnetic and thermal properties of $\text{Co}_2\text{Cr}_x\text{Fe}_{1-x}\text{X}$ ( $\text{X} = \text{Al}, \text{Si}$ ) Heusler alloys: First-principles calculations	M. Guezlane, H. Baaziz, F. ElHaj Hassan, Z. Charifi and Y. Djaballah	Journal of Magnetism and Magnetic Materials 414 (2016) 219–226	2016	
12	First principles study of hydrogen storage material $\text{NaBH}_4$ and $\text{LiAlH}_4$ compounds: electronic structure and optical properties	T Ghellab , Z Charifi , H Baaziz , Ş Uğur , GUğur and F Soyalp	Phys. Scr. 91 (2016) 045804 (18pp)	2016	
13	Three dimensional (Z-dependence), collective and individual semi-empirical formulae for L X-ray production and ionization cross section by protons impact within corrected ECPSSR theory and updated experimental data: A review.	B, Deghfel, A. Kahoul, I. Derradj, A. Bendjedi, F. Khalfallah, Y. Sahnoune , A. Bentabet and M. Nekkab.	X-Ray Spectrometry	2016	
14	L1, L2, and L3 subshell fluorescence yields: Updated database and new empirical values	Y. Sahnoune, A. Kahoul , Y. Kasri, B. Deghfel, D.E. Medjadi, F. Khalfallah, S. Daoudi, V. Aylikçi, N. Küp Aylikçi, M. Nekkab	Radiation Physics and Chemistry	2016	
15	L-shell cross section within corrected ECPSSR theory and updated experimental data.	I. Derradj, A. Kahoul, B. Deghfel, A. Bendjedi, F. Khalfallah, Y. Sahnoune , A. Bentabet, M. Nekkab	Radiation Physics and Chemistry	2016	
16	Reaction sintering of kaolin-natural phosphate mixtures	F. Chouia, H. Belhouchet, F. Sahnoune, F. Bouzrara	Ceramics international	2015	
17	An experimental E.P.R. study of $\text{Cr}^{3+}$	H. Latelli	Procedia	2015	

	ions in AlF <sub>3</sub> amorphous at X-band frequency and versus temperature.		Science Direct Elsevier		
18	Structural, microstructural and magnetic properties of 1% Fe-doped ZnO powder nanostructures prepared by mechanical alloying	S Oudjertli, R Bensalem, S Alleg, JJ Suñol, M Ibrir	International Journal of Nanotechnology 12 (8-9), 685-696	2015	
19	Non Unitary Neutrino Mixing angles Matrix in a Non Associative 331 Gauge Model	M. Boussahel and N, Mebarki	IOPSCINCE J.Phys.Conf.Ser	2015	
20	Half-metallic ferromagnetism in the Mn <sub>2</sub> CoAs Heusler compound	M Ibrir, S Lakel, S Alleg, R Bensalem	International Journal of Mechanics and Energy (IJME) 3 (1), 1-7	2015	
21	Wear resistance characterization of coated Nano-scale structure surfaces	S LAKEL, K ALMI, M IBRIR, Y BERRICHE	International Journal of Mechanics and Energy (IJME) 3 (1), 8-12	2015	
22	ETUDE AB-INITIO DES PROPRIETES STRUCTURALES, MAGNETIQUES DES ALLIAGES SEMI-HEUSLER DE XTISB (X= CO, NI, FE)	M IBRIR, S BERRI, S BERRA	Sciences & Technologie A, 83-88	2015	
23	Microstructural, Hyperfine, and Magnetic Properties of FeSiBCuNb Deposits	S Alleg, L Hamza, M Ibrir, S Souilah, W Tebib, NE Fenineche, JM Greneche	Journal of Superconductivity and Novel Magnetism 28 (8), 2431-2439	2015	
24	Study of the structural and magnetic properties of Fe-doped ZnO	S Oudjertli, R Bensalem, S Alleg, JJ Suñol, M Bououdina, M Ibrir	physica status solidi (c) 12 (8), 1140-1143	2015	
25	Theoretical investigation of elastic and phononic properties of Zn <sub>1-x</sub> Be <sub>x</sub> O alloys	F Elhamra, S Lakel, M Ibrir, K Almi, H Meradji	Modern Physics Letters B 29 (24), 1550140	2015	
26	Pressure effects on the structural, elastic, electronic and optical properties of ZnO from first-principles calculations	S LAKEL, F ELHAMRA, M IBRIR	Science des matériaux (Laboratoire LARHYSS) 6	2015	

27	Ab initio prediction of structural, electronic, magnetic and optical properties of Ba <sub>2</sub> GdSbO <sub>6</sub>	A Kouriche, D Maouche, S Berri, M Ibrir	Materials Science in Semiconductor Processing 40, 58-63	2015	
28	AB-INITIO CALCULATIONS OF THE DIELECTRIC CONSTANT, OPTICAL ABSORPTION AND THE REFRACTIVE INDEX OF Zn <sub>1-x</sub> BexO ALLOY	S LAKEL, F ELHAMRA, M IBRIR, K ALMI	Courrier du Savoir, N°20, 129-132	2015	
29	Electronic structure and magnetic properties of KXF <sub>3</sub> (X= Fe, Co, Mn, V) from ab initio calculations	M Ibrir, S Lakel, S Berri	Revue science des matériaux, Laboratoire LARHYSS N°05, 07-16	2015	
30	Structural and elastic properties of BiOCu <sub>0.875</sub> S with Cu vacancies: A First principles study	S LAKEL, M IBRIR, A GUIBADJ	Revue science des matériaux, Laboratoire LARHYSS N°06, 30-37	2015	
31	Ab initio study of structural, electronic, magnetic alloys: XTiSb (X = Co, Ni and Fe).	M. Ibrir, S. Lakel, S. Berri, S. Alleg, and R. Bensalem.	AIP Conference Proceedings 1653, 020046 (2015); doi: 10.1063/1.4914237.	2015	
32	Analysis on dynamic surface potential decay of functional nanocomposite after corona discharge	J. W. ZhanG, T. C. Zhou ; X. Chen ; C. Yin ; X. H. Zhang ; R. Belouadah	2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials (ICPADM)	2015	
33	Dynamic surface potential decay tendency of cellular polypropylene after temperature control corona process	J. W. Zhang*, X. Chena, R. Belouadah, T. C. Zhou	Materials Research Innovations Volume 19, Supplement 1, 2015	2015	
34	2- Dynamic surface potential decay tendency of cellular polypropylene after temperature control corona process,	JW Zhang, X Chen, R Belouadah, TC Zhou, C Yin, YT Shi, YZ Niu,	Materials Research Innovations, Vol 19 N° S1, pages S1-305-S1-307,2015	2015	
35	3- Analysis on dynamic surface potential decay of functional nanocomposite after corona discharge,	Zhang, J.W.; Zhou, T.C.; Chen, X.; Yin, C.; Zhang, X.H.; Belouadah, R.	IEEE, 2015, Pages: 808 – 811, DOI: 10.1109/ICPADM.2015.7295395.	2015	
36	Zirconia transformation in multi-phases ceramic composites	H. Makri, H. Belhouchet, M. Hamidouche, G. Fantozzi,	Journal of the Australian Ceramic Society	2015	

37	Electronic structure, phase stability, and vibrational properties of Ir-based intermetallic compound IrX (X = Al, Sc, and Ga)	N. Arıkan, Z. Charifi, H. Baaziz, Ş. Uğur, H. Ünver and G. Uğur	Journal of Physics and Chemistry of Solids 77( 2015) 126-132	2015	
38	Theoretical investigations of Co <sub>2</sub> Mn <sub>1-x</sub> Cr <sub>x</sub> Sn and Co <sub>2</sub> MnSn <sub>1-y</sub> Si <sub>y</sub> pseudo-ternary alloys: First principles calculations	Z. Charifi, B. Hamad, H. Baaziz and F.Soyalp	Journal of Magnetism and Magnetic Materials 393 (2015) 139–145	2015	
39	New K-shell fluorescence yields Curve for elements with $3 \leq Z \leq 99$	S. Daoudi, A. Kahoul, Y. Sahnoune, B. Deghfel, Y. Kasri, F. Khalfallah, V. Aylikci, N. Kup Aylikci, D. E. Medjadi, M. Nekkab	Journal of the Korean Physical Society	2015	
40	L-shell fluorescence yields and total ionization and x-ray production cross sections for elements with $40 \leq Z \leq 92$ .	A. Bendjedi, B. Deghfel, A. Kahoul, I. Derradj, F. Khalfallah, Y. Sahnoune, A. Bentabet, M. Nekkab	Radiation Physics and Chemistry	2015	
41	Empirical M X-ray production cross sections for heavy elements by proton impact within Z-dependence analysis	B. Deghfel, F. Khalfallah, A. Kahoul, M. Nekkab	Turkish Journal of Physics	2015	
42	Average M shell fluorescence yields for elements with $70 \leq Z \leq 92$	A. Kahoul, B. Deghfel, V. Aylikci, N. Küp Aylikci, M. Nekkab	AIP Conference Proceedings	2015	
43	Ab initio study of the structural, electronic and optical properties of ZnTe compound	B. Bahloul, B. Deghfel, L. Amirouche, A. Bentabet, Y. Bouhadda, S. Bounab, and N. Fenineche	AIP Conference Proceedings	2015	
44	Calculation of K-shell fluorescence yields for low-Z elements	M. Nekkab, A. Kahoul, B. Deghfel, N. Küp Aylikci, V. Aylikçi	AIP Conference Proceedings	2015	
45	Z-dependence analysis of M x-ray production cross sections for heavy	B. Deghfel, A. Kahoul, M. Nekkab.	AIP Conference Proceedings	2015	

	elements with $60 \leq Z \leq 90$ by protons impact				
46	Ytterbium to thorium semi-empirical average M-shell fluorescence yields	F. Khalfallah, B. Deghfel, A. Kahoul, V. Aylikci, N. Küp Aylikci, M. Nekkab	Radiation Physics and Chemistry	2015	
47	First principles study of structural, electronic and magnetic properties of Mn <sub>2</sub> CoAs	S Berri, D Maouche, M Ibrir, F Zerarga	Journal of Magnetism and Magnetic Materials 354, 65-69	2014	
48	A first-principle study of half-metallic ferrimagnetism in the CoFeTiSb quaternary Heusler compound	S Berri, M Ibrir, D Maouche, R Bensalem	Journal of Magnetism and Magnetic Materials 361, 132-136	2014	
49	Robust half-metallic ferromagnet of quaternary Heusler compounds ZrCoTiZ (Z=Si, Ge, Ga and Al)	S Berri, M Ibrir, D Maouche, M Attallah	Computational Condensed Matter 1, (2014) 26-31	2014	
50	Electronic structure and magnetic properties of the perovskite cerium manganese oxide from ab initio calculations	S Berri, D Maouche, M Ibrir, B Bakri	Materials Science in Semiconductor Processing 26, 199-204	2014	
51	First principles study of structural, electronic and magnetic properties of ZrFeTiAl, ZrFeTiSi, ZrFeTiGe and ZrNiTiAl	S Berri, M Ibrir, D Maouche, M Attallah	Journal of Magnetism and Magnetic Materials 371, 106-111	2014	
52	Heat and Mass Transfer due to Natural Convection along a Wavy Vertical Plate with Opposing Thermal and Solutal Buoyancy Effects	M. Si Abdallah, B. Zeghmati	Fluid Dynamics, Materials Processing, vol.10, n°.2, pp.261-277	2014	
53	Evaluation of the Hourly Global Solar Radiation on a Horizontal Plane for Two Sites in Algeria	M. Salmi, H. Bouzgou, Y. Al-Douri, A. Boursas,	Advanced Materials Research vol 925(2014) 641-645	2014	
54	Structural, optical and photocurrent properties of undoped and Al-doped ZnO thin films deposited by sol-gel spin coating technique	A. Mahroug, S. Boudjadar, S. Hamrit, L. Guerbous	Materials Letters 134 (2014) 248-251	2014	

55	Structural, morphological and optical properties of undoped and Co-doped ZnO thin films prepared by sol-gel process	A. Mahroug, S. Boudjadar, S. Hamrit	Journal of Materials Science: Materials in Electronics, 2014, Page 1	2014	
56	4- Analysis on magnetoelectric responses of porous polypropylene and polyvinyl chloride after high-voltage corona discharge	Zhang, Jia-Wei, Belouadah, Rabah	Advanced Materials Research, v 1042, p 70-74, 2014	2014	
57	5- A prototype of magnetic actuator based on generalized magnetoelectric phenomena: Experiments and analysis	Zhang, Jia-Wei, Belouadah, Rabah,	Advanced Materials Research, v 1042, p 253-257, 2014	2014	
58	6- Analysis on magnetoelectric effect induced by torsion moment in self-powered piezoelectric material,	Zhang, Jia-Wei, Belouadah, Rabah :	Advanced Materials Research, v 1042, p 249-252, 2014	2014	
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61	9- Strain in ferroelectric polymers under low-frequency electric fields: experiments and modelling,	D. GUYOMAR, R. BELOUADAH, B. DUCHARNE, B.GUIFFARD, P.J. COTTINET, and K. YUSE,	Journal of Intelligent Material Systems and Structures, 2014, Vol. 25(11) 1323–1330 doi: 1045389X13505250	2014	
62	The non-isothermal kinetics of mullite formation in boehmite-zircon mixtures	H. Belhouchet, M. Hamidouche, R. Torrecillas, G. Fantozzi,	Journal of Thermal Analysis and Calorimetry	2014	
63	Elaboration and characterization of multiphase composites obtained by reaction sintering of boehmite and zircon	H. Belhouchet, H. Makri, M. Hamidouche, N. Bouaouadja, V. Garnier and G. Fantozzi,	Journal of the Australian Ceramic Society	2014	
64	Evaluation of the Hourly Global Solar	Mohamed SALMI,H.	Advanced Materials Research	2014	

	Radiation on a Horizontal Plane for Two Sites in Algeria	Bouzgou , Y. al-Douri and A. Boursas			
65	Electronic and phonon properties of the full-Heusler alloys X <sub>2</sub> YAl (X = Co, Fe and Y = Cr, Sc): a density functional theory study	N. Arıkan A. İyigo˘r A. Candan S. Ug˘ur Z. Charifi H. Baaziz and G. Ug˘ur	J Mater Sci (2014) 49:4180–4190	2014	
66	Phase transition of Nowotny–Juza NaZnX (X = P, As and Sb) compounds at high pressure: Theoretical investigation of structural, electronic and vibrational properties	Z. Charifi, H. Baaziz, S. Noui, S. Ug˘ur G. Ug˘ur, A. İyigor, A. Candan, Y. Al-Douri	Computational Materials Science 87 (2014) 187–197	2014	
67	Proton induced K-shell ionization cross sections for a wide range of elements ( $4 \leq Z \leq 92$ ) within ECPSSR theory and updated experimental data	B. Deghfel, A. Kahoul, M. Nekkab	Journal of Radiation Research and Applied Sciences	2014	
68	Hafnium to thorium M-shell X-ray production cross sections by proton impact.	B. Deghfel, A. Kahoul, M. Nekkab	Journal of Radiation Research and Applied Sciences	2014	
69	New procedure calculation of photon-induced $K\beta/K\alpha$ intensity ratios for elements 16S to 92U.	A. Kahoul, N. Kup Aylikci, V. Aylikci, B. Deghfel, Y. Kasri, M. Nekkab	Journal of Radiation Research and Applied Sciences	2014	
70	Ab initio calculations of structural, electronic, optical and thermodynamic properties of alkaline earth tellurides BaxSr1-xTe	B. Bahloul, A. Bentabet, L. Amirouche, Y. Bouhadda, S. Bounab, B. Deghfel, N. Fenineche	Journal of Physics and Chemistry of Solids	2014	
71	New empirical formulae for calculation of average M-shell fluorescence yields	A. Kahoul, V. Aylikci, B. Deghfel, N. Kp Aylikci, M. Nekkab	Journal of Quantitative Spectroscopy and Radiative Transfer	2014	
72	Synthesis of Al <sub>2</sub> O <sub>3</sub> containing mullite from Algerian Kaolin and Boehmite	M. Heraiz, F. Sahnoune, H. Belhouchet, N. Saheb	Journal of Optoelectronics and Advanced Materials	2013	
73	Kinetics and Microstructure of Solid Phase Precipitation in Mg-7 wt. % Al	F. Sahnoune, M. Fatmi, H. Belhouchet, M. Heraiz and N. Saheb	Inter.Jou. of Advance Ind. Engineering	2013	



74	Effect of MgO addition on the mechanical and thermal properties of mullite synthesised through reaction sintering of Al <sub>2</sub> O <sub>3</sub> and Algerian kaolin	A. Ouali, M. Heraiz, F. Sahnoune, H. Belhouchet, M. Fatmi, N. Saheb	American Journal of Modern Physics	2013	
75	Study of microstructure, microhardness and Phases of Precipitation during Ageing of Cu-Sn and Al-Ag Alloys	M. Fatmi, T. Chihi, M.A. Ghebouli, B. Ghebouli, A. Derafa, F. Sahnoune, H. Belhouchet, A. Gamoura	Amer. Jour. of Mechanics and Applications	2013	
76	Magnetic, structural and thermal properties of the Finemet-type powders prepared by mechanical alloying	S Alleg, S Kartout, M Ibrir, S Azzaza, NE Fenineche, JJ Suñol	International Journal of Nanoparticles 3 (3), 267-279	2013	
77	Study of structural, electronic and magnetic properties of Rh 2 MnX (X= Al, Ge and Sn) Heusler alloys using GGA-WC and GGA+U approaches	S Berri, D Maouche, M Ibrir, F Zerarga, L Louail, Y Medkour	Journal of Physics and Chemistry of Solids, 74(4), (2013) 550-557	2013	
78	Thermodynamic Properties of Fe 2 B Under High Pressure from First-principles Calculations	M Ibrir, S Berri, S Alleg, R Bensalem	Energy Procedia 36, 612-617	2013	
79	Crystallization Kinetics of $\alpha$ -alumina and Mullite-Zirconia in Boehmite and Zircon Mixture	H. Belhouchet, M. Hamidouche, N. Bouaouadja, V. Garnier and G. Fantozzi,	Journal of Materials Science and Engineering A	2013	
80	Effects of the wavy surface on Free Convection-Radiation along an inclined plate	M. Si Abdallah, B. Zeghmati	journal of World Academy of Science, Engineering and Technology,, 78. pp. 543-549	2013	
81	Influence of varying Germanium content on the optical function dispersion of Fe <sub>2</sub> MnSixGe <sub>1-x</sub> : An ab initio study	Ali H. Reshak, Z. Charifi and H. Baaziz	Journal of Magnetism and Magnetic Materials 326 (2013) 210–216	2013	
82	The effect of the lattice relaxation on the optical properties of GaN <sub>x</sub> As <sub>1-x</sub> alloys	Ali H. Reshak, Z. Charifi and H. Baaziz	Solar Energy 90 (2013) 134-143	2013	
83	Electronic structure and vibrational	A. Candan, G. Uğur, Z.	Journal of Alloys and	2013	

	properties in cobalt-based full-Heusler compounds: A first principle study of $\text{Co}_2\text{MnX}$ ( $X = \text{Si, Ge, Al, Ga}$ )	Charifi, H. Baaziz and M.R. Ellialtıođlu	Compounds 560 (2013) 215-222		
84	Structural, electronic and vibrational properties of ordered intermetallic alloys $\text{CoZ}$ ( $Z = \text{Al, Be, Sc}$ and $\text{Zr}$ ) from first-principles total-energy calculations	A. Candan, G. Uđur, Z. Charifi, H. Baaziz	Philosophical Magazine & Philosophical Magazine Letters (2013) Vol. 93, No. 24, 3260–3277	2013	
85	Structural, elastic, electronic and phonon properties of scandium-based compounds $\text{ScX}_3$ ( $X = \text{Ir, Pd, Pt}$ and $\text{Rh}$ ): An ab initio study	N. Arıkan, A. İyigör, A. Candan, Ő. Uđur, Z. Charifi, H. Baaziz and G. Uđur	Computational Materials Science Volume 79, November 2013, Pages 703–709	2013	
86	Z-dependence and collective analysis of M x-ray production cross sections for a wide range of elements ( $60 \leq Z \leq 90$ ) by proton impact	B. Deghfel, A. Kahoul, S. Kerai, M. Saadaoui, S. Dechoucha, M. Nekkab	Radiation Physics and Chemistry	2013	
87	M x-ray production cross sections of heavy elements for low and high proton energy	B. Deghfel, A. Kahoul, S. Heraiz, N. Belouadah, M. Nekkab	Radiation Physics and Chemistry	2013	
88	Thermal analysis of dehydroxylation of Algerian kaolin	F. Sahnoune, N. Saheb, B. Khamel, Z. Takkouk	Journal of Thermal Analysis and Calorimetry	2012	
89	Vibration-driven thermal transition in binuclear spin crossover complexes.	A. Metatla, H. Latelli, W. Nicolazzi, A. Boussekssou	The European Physical Journal B Springer-Verlag	2012	
90	Sources of CP violation from E6 inspired heterotic string model	M. Boussahel and N. Mebarki	AIP Conf. Proc	2012	
91	Towards a construction of the Dirac operator in the E6 Wulkenhaar's non commutative geometry	M. Boussahel and N. Mebarki	AIP Conf. Proc	2012	
92	10- Influence of corona poling on the electrostrictive behavior of cellular polypropylene films.	J.W. Zhang, L. Lebruna, B. Guiffard, P-J. Cottineta, R. Belouadah, D. Guyomar, L. Garbuio.	Sensors and Actuators A: Physical, 175 (2012) 87– 93	2012	
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94	Structural and electronic properties of GaN <sub>x</sub> As <sub>1-x</sub> alloys	H. Baaziz ,Z. Charifi , Ali Hussain Reshak, B. Hamad and Y. Al-Douri	Appl Phys A 106 (2012) 687–696	2012	
95	Further optical properties of CdX (X <sup>1/4</sup> S, Te) compounds under quantum dot diameter effect: Ab initio method	Y. Al-Douri, H. Baaziz, Z. Charifi, R. Khenata, U. Hashim and M. Al-Jassim	Renewable Energy 45 (2012) 232-236	2012	
96	A DFT study of the electronic and magnetic properties of Fe <sub>2</sub> MnSi <sub>1-x</sub> Gex alloys	B. Hamad, Z. Charifi, H. Baaziz and F.Soyalp	Journal of Magnetism and Magnetic Materials 324 (2012) 3345–3350	2012	
97	Analytical formulas for calculation of K x-ray production cross sections by alpha ions	A. Abdellatif, A.Kahoul, B. Deghfel, M. Nekkab, D.E. Medjadi.	Radiation Physics and Chemistry	2012	
98	Phase transformation and sintering behavior of mullite and mullite–zirconia composite materials	F. Sahnoune, H. Belhouchet, N. Saheb, M. Heraiz, M. Chegaar and P. Goeuriot,	Advances in Applied Ceramics	2011	
99	Properties of Mullite–Zirconia Composites Prepared Through Reaction Sintering Kaolin, α-Al <sub>2</sub> O <sub>3</sub> , and ZrO <sub>2</sub>	F. Sahnoune, N. Saheb, P. Goeuriot	Advanced Materials Research	2011	
100	A Collection of Models for the Estimation of Global Solar Radiation in Algeria	M. SALMI, M. CHEGAAR and P. MIALHE	Energy Sources, Part B: Economics, Planning, and Policy Volume 6, Issue 2, 2011	2011	
101	Graded lie algebra and the SU(3)(L) X U(1)(N) gauge model	M. Boussahel and N, Mebarki	Int.J.Mod.Phys	2011	
102	Natural Convection Heat and Mass Transfer in the Boundary Layer along a Vertical Cylinder with Opposing Buoyancies	M. Si Abdallah, B. Zeghmati	Journal of Applied Fluid Mechanics, , Vol. 4, No. 4, pp. 15-21	2011	
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104	12- Phase switching phenomenon in magnetoelectric laminate polymer composites: experiments and modeling.,	R. Belouadah, Daniel Guyomar, Benoit Guiffard, Jia-Wei Zhang,	Physica B, 406, pp 2821–2826, (2011), doi:10.1016/j.physb.2011.04.036	2011	
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106	A Collection of Models for the Estimation of Global Solar Radiation in Algeria	Mohamed SALMI, M. Chegaar and P. Mialhe	Revue Energy Sources, Part B: Economics, Planning, and Policy	2011	
107	New procedure calculation of K-shell ionization cross sections by proton impact	A.Kahoul, B. Deghfel, A. Abdellatif, M. Nekkab	Radiation Physics and Chemistry	2011	
108	K-shell fluorescence yields for elements with $6 \leq Z \leq 99$	A. Kahoul, A. Abassi, B. Deghfel, M. Nekkab	Radiation Physics and Chemistry	2011	
109	Mechanical behavior of mullite-zirconia composites	F. Sahnoune, N. Saheb	EPJWeb of Conférences	2010	
110	Microstructure and sintering behaviour of Mullite-Zirconia	F. Sahnoune, N. Saheb, M. Chegaar, P. Goeuriot	Materials Science Forum	2010	
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