

ID	Intitulé	Année	Journal	Auteurs
11429	Using delayed damping to minimize transmitted vibrations.	2012	Commun Nonlinear Sci Numer Simulat 17 (2012) 1980-1985 (www.elsevier.com/locate/CNSNS).	Ihcen Moki., Mohamed Belhaq.
11435	Explanation of Co magnetic moment enhancement in (Co,Cu) Doped ZnO by first principale calculations	2012	Journal of superconductivity and Novel magnetism Vol 25 Issue 7 p: 2529- 2532	A.Amiri, .M.Abid, . H.Iassri, . E.K.Hlil.
11436	Galloping of Wind-excited Tower under External Excitation and Parametric Damping.	2014	Journal of Modeling, Simulation, Identification, and Control (2014) Received: March 31, 2014. Publis	Ilham Kirrou., Lahcen Mokin., Mohamed Belhaq.
11442	Modelingof the systems piloting training institutions	2012	International journal on computer science and Engeneering IJCSE Vol 4 N°02	A. Atmani ,. M. Abid, . H. Lassri, . B. Bensassi
11449	Contribution to modeling of production systems skills	2012	International journal on computer science and Engeneering IJCSE Vol 4 N°02	A.Atmani ,.M.Abid,.H.Iassri,.W.Darchy ,.B.Bensassi.
11485	On the delayed van der Pol oscillator with time-varying feedback gain	2015	Applied Mechanics and Materials	M.Hamid., M. Belhaq .
11491	ANALYTICAL APPROXIMATION OF HETEROCLINIC BIFURCATION IN A 1:4 RESONANCE.	2012	International Journal of Bifurcation and Cheos.	A.FAHSI.,M. Belhaq.
11492	. GALLOPING OF A WIND-EXCITED TOWER UNDER INTERNAL PARAMETRIC DAMPING.	2014	Journal of Vibration and Acoustics (2014).	L.Mokni., I.Kirrou., M. Belhaq.
11495	EFFECT OF ELECTROMAGNETIC ACTUATION ON CONTACT LOSS IN A	2015	Journal of Computational and Nonlinear Dynamics	A. Bichir.,M. Belhaq.

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	HERTZIAN CONTACT OSCILLATOR.			
11498	Chaos in a magnetic pendulum subjected to tilted excitation and parametric damping	2012	Hindawi publishing corporation	C.A.Kitio Kwuimya,. C.Nataraja,. Mohamed Belhaqb.
11499	EFFECTS OF A SLOW HARMONIC EXCITATION ON AN ATOMIC FORCE MIRCOSCOPE SYSTEM. IUTAM	2015	Sympsium on Analytical Methods in Nonlinear Dynamics	Faouzi Lakrad., Mourad Khadraoui.,Mohamed Belhaq.
11500	Control of a Forced Impacting Hertzian Contact Oscillator Near Sub- and Superharmonic Resonances of Order 2	2012	Journal of computational and Nonlinear Dynamics Copyright	A. Bichri,. M. Belhaq.
11508	COMPUTATION OF THE COMPLIANCE MATRIX FO ROTARY LIP SEAL. « HIDRAULICA » (No.2/2013	2013	Magazine of hydraulics,. Pneumatics,. Tribology,.Ecology,.Sensoricss,.Mechatronics	M.Elgadari,.A.Fatu,.M.Hajjam,. M.Belhaq.
11512	A 2D IMPROVEMENT OF RADIATIVE HEAT TRANSFER WITH THE P1 APPROXIMATION AND A STATICAL NARROW BAND MODEL	2012	Tech Sciences Press	A.Khourchafi., M.El.Alami., M.Najam., M.Belhaq.
11518	INFLUENCE OF PERIODIC AND QUASI-PERIODIC GRAVITATIONAL MODULATION ON CONVECTIVE INSTABILITY OF REACTION FRONTS IN POROUS MEDIA.	2013	Scientific Canvas of Nonlinearity and Complex Dynamics	K.Allali ., M.Belhaq.
11524	Magnetic Studies of Spin Wave in Fe/Ag Multilayer Films.	2012	Supercond Nov Magn	K. Chafai ., H. Lassri ., M. Abid ., E.K. Hlil.
11532	Contact stiffness modulation in	2013	International Journal of Non-linear	I.Kirrou,. M. Belhaq.

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	contact - mode atomic force microscopy		Mecanics (www.elsevier.com/locate/nlm)	
11537	The Comparative Study of the Temperature Distribution of Fiber Laser with Different Pump Schemes	2013	Open Journal of Metal, 2013, 3, 64-71	M. Abouricha., A. Boulezhar., M. Habiballah.
11542	Theoretical and Numerical Study of Stress and Thermo-Optic in Photonic Crystal Fiber Laser in Different Pump Schemes	2014	Open Journal of Metal, 2014, 4, 120-130.	M. Abouricha., A. Boulezhar M., El Mouden., M. Kriraa., N. Rouchdi.
11545	Comparative study of the birefringence in photonic crystal lasers	2015	Optics and Photonics Journal	N. Rouchdi., M. Abouricha., A. Boulezhar., M. Kriaa.
11549	Validation of kaniennen's rule for fissured Co-Cr pieces used for adjoint prosthesis and calculation of their critical parameters	2015	PCN journal, vol. 75	A. Essakhi., A. Boulezhar., Kh. Elboussiri .
11555	Numérique simulation of thermal losses on the parabolic trough collector under Transys	2013	Optical electronics and advanced materials	D.Saifaoui., A.Aitalleb., A.El Kebch., A.Kerbal., M.El Mouden.
11561	Modeling and simulation of the agglomeration of carbonaceous dust in radio frequency discharge using Monte Carlo technique	2013	Journal of Optical quantum electron,	N.Dlimi., A.El Kebch., D.Saifaoui., A.Dezairi., M.El Mouden.
11566	Study of transport phenomena in plasma by extended irreversible thermodynamics	2013	Journal of Optoelectronics and Advanced Materials JOAM Vol15	R Moulitif., A Dezairi., S Mizani., D Saifaoui., J Louafi., R Elaoui.

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11569	Magnetic and electronic thstudies of Cu 80Fe5Ni15 granular ribbons	2013	Journal of magnetism and magnetic materials	N. Omari., H. lassri., A. Fnidiki., M. Abid., E.K. Hlil
11724	PERIODIC AND QUASIPERIODIC GALLOPING OF A WIND EXITED TOWER UNDER EXTERNAL EXCITATION	2013	SPRINGERLINK	I.Kirrou.,M.Belhaq.,L.Mokni.
11726	Galloping of wind-excied tower under external excitation and parametic damping	2013	SPRINGERLINK	I.Kirrou.,M.Belhaq.,L.Mokni.
11749	Effect of amplitude modulation of gravitational viration of convective instability of reaction fronts in porous media.	2013	HIKARI ltd.	K.Allali.,M.Belhaq.
11767	Convection of Polymerization Font with Solid Product under Quasi-Periodic Gravitational Modulation 14	2014	SPRINGERLINK	Karam Allali, Saadia Assiyad, Mohamed Belhaq.
11771	Quasi-periodic oscillation envelopes and frequency locking in rapidly vibrated nonlinear systems with time delay.	2013	SPRINGERLINK	Mustapha Hamid, Mohamed Belhaq.
11775	Heteroclinic connections in the 1:4 resonance problem using nonlinear transformation method.	2014	SPRINGERLINK	K.W.Chung. Y.Y.Cao. A.Fahsi. M.Belhaq.
11778	Control of bistability in non-contact mode atomic force microscopy using modulated time delay.	2015	SPRINGERLINK	Ilham Kirrou, Mohamed Belhaq.

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11782	Frequency-locking in nonlinear forced oscillators near 3:1 and 4:1 resonances	2012	SPRINGERLINK	Abdelhak Fahsi, Mohamed Belhaq.
11791	. Influence of quasiperiodic Gravitational on Convective Instability of Liquid-Liquid Polymerization Front	2015	SPRINGERLINK	Saadia Assiyad., Karam Allali ., Mohamed Belhaq .
11795	On the control of bistability in non-contact mode AFM using modulated time delay	2014	SPRINGERLINK	I.Kirrou., Mohamed Belhaq.
11802	CONTROL OF BISTABILITY IN A DELAYED DUFFING OSCILLATOR	2012	SPRINGERLINK	Mustapha Hamid., and Mohamed Belhaq.
15812	Modeling and simulation of physical sputtering	2016	Molecular Crystals and Liquid Crystals	A. El Kebch, N. Dlimi, D. Saifaoui, A. Dezairi & M. El Mouden
15815	Extrinsic magnetism in Co-doped BaTiO ₃ powders prepared by sol-gel route	2016	Ceramics International, 2016	H. Lemziouka a, b, R. Moubaha, *, F.Z. Rachid a, Y. Jouane c, E.K. Hlil d, M. Abid b, H. Lassri a
15818	COMPARATIVE STUDY OF IC, P&O AND FLC METHOD OF MPPT ALGORITHM FOR GRID CONNECTED PV MODULE 1 M.	2016	Journal of Theoretical and Applied Information Technology 15th July 2016. Vol.89. No.1	] 1LAMNADI, 1M. TRIHI, 2 Badre BOSSOUFI, 1A.BOULEZHAR
15820	«Numerical investigation of a reverse osmosis desalination system with cogeneration and renewable energy Integration »,	2016	International Journal of Scientific & Engineering Research Volume 7, Issue 8, August 2016 (IJSER)	Y. Aroussy ¹ , M. Nachtane ¹ , D.Saifaoui ¹ , M.Tarfaoui ² , M.Rouway ¹
15821	«Thermodynamic performance	2016	International Journal of Applied	Y. Aroussy ¹ , M. Nachtane ¹ ,

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	evaluation of a reverse osmosis and nanofiltration desalination»		Engineering Research (IJAER)	D.Saifaoui1, M.Tarfaoui2, M.Rouway1
15825	Journal of Vibration and Control, 2016	2016	Journal of Vibration and Control January 2016 vol. 22 no. 1 145-158	L Mokni, I Kirrou, M Belhaq
15826	On the quasi-periodic response in the delayed forced Duffing oscillator	2016	Nonlinear Dynamics, 2016 June 2016, Volume 84, Issue 4, pp 2069–2078	I Kirrou, M Belhaq
15827	Energy harvesting from quasi-periodic vibrations	2016	Nonlinear Dynamics, 2016 First Online: 26 February 2016	M Belhaq, M Hamdi
15828	Nonlinear vibrations of a shallow arch under a low frequency and a resonant harmonic excitations	2016	Meccanica, DOI: 10.1007/s11012-016-0470-7 First Online: 20 June 2016	F Lakrad, A Chtouki, M Belhaq
15831	On the Heteroclinic Connections in the 1:3 Resonance Problem	2016	International Journal of Bifurcation and Chaos, Vol. 26, No. 08, 1650143 (2016)	B. W. Qin, K. W. Chung, A. Fahsi, M. Belhaq
15832	Probing magnetism and electronic structure of Fe-doped ZnO thin films	2016	Journal of Magnetism and Magnetic Materials Volume 398, Pages 1-306 (15 January 2016)	] A. El Amiri a,n , R. Moubah b,n , F. Lmai c , M. Abid a , N. Hassanain d , E.K. Hlil e , H. Lassri b a
15833	Spin wave study and optical properties in Fe-doped ZnO thin films prepared by spray pyrolysis technique	2016	Optical Materials Volume 57, July 2016, Pages 28–33	F. Lmai a , R. Moubah b, * , A. El Amiri b , Y. Abid b , I. Soumahoro c, d , N. Hassanain c , S. Colis d , G. Schmerber d , A. Dinia d , H. Lassri b
15835	Effect of plastic deformation on the optical and electrical properties in Cd _{0.96} Zn _{0.04} Te single crystals	2016	Journal of Physical and Chemistry of Solids	F. Lmai, R. Moubah, A.El. Amiri, A. Boudali, E.K. Hlil, H. Lassri

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16037	Softening temperature on sputtered ZnO interfacial barrier layer for an efficient charge transfer P3HT/ZnO and better interfacial stability in plastic organic photovoltaic devices	2016	Organic Electronics journal homepage: www.elsevier.com	A. Jouane a, R. Moubaha, H. Lassri a, D. Saifaoui a, G. Schmerber b, H. Jaouani c, H. Ennamiri c, Y.-A. Chapuis d, Y. Jouane e, *
16039	"Damage prediction of horizontal axis marine current turbines under Hydrodynamic, hydrostatic and impacts loads" Composite Structures, under review (01/09/2016). Reference (COST-2016-1246). (Elsevier)	2016	(COST-2016-1246). (Elsevier)	• M. Nachtane, M. Tarfaoui, A.El Moumen, D .Saifaoui, M.Ait Mohamed
16041	A Progressive Damage in Composite Hydrokinetic Turbine under operational conditions" Engineering structures, under review (20/10/2016).	2016	Reference : (ENGSTRUCT- Author ID 19147897).(Elsevier)	• M. Nachtane, M.Tarfaoui, A.El Moumen, D.Saifaoui
16044	Thermodynamic analysis of a reverse osmosis and multieffect seawater desalination system	2016	Journal of Materials and Environmental Science Reference (JMES-3031-2016-). (Scopus)	• M.Nachtane, H.Lemziouka, D.Saifaoui, M.Tarfaoui, Y.Farah, Y.Amry, Y.Aroussy, M.Charai
16047	Using renewable energy for seawater desalination and electricity production in the site OCP Morocco",	2016	Journal of Science and Arts , Year 2016, No. 4(37), pp. 395-406, 2016	• Y. Aroussy, M. Nachtane, D.Saifaoui, M.Tarfaoui, Y.Farah, M.Abid
16050	Thermodynamic Performance Evaluation of a Solar Dish Stirling System for Power Production at the Moroccan Sahara	2016	Journal of Engineering Technology,(29-2017-JoET	• M. Oulhazzan, M. Nachtane, M.Rouway, D.Saifaoui, M.Tarfaoui, Y. Aroussy

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16053	Exergy Analysis of a MSF-MED Desalination Plant for Optimal Design	2016	European Journal of Scientific Research, September 2016	• Y.Aroussy, M.Nachtane, M.Oulhazzan, M.Tarfaoui, D.Saifaoui
16055	Linear Fresnel Concentrator with dual energy solar tracking Application: Seawater desalination	2016	European Journal of Scientific Research, September 2016	• M.Oulhazzan, M.Nachtane, Y.Aroussy, D.Saifaoui, D.Winninger, M.Rouway
16060	Design and Thermodynamics performance evaluation of a new Stirling engine prototype	2016	International Journal of Scientific and Engineering Research August 2016 (IJSER)	M. Oulhazzan, M.Nachtane, D. Saifaoui, D. Winninger, Y. Aroussy
17995	periodic and quasiperiodic galloping of a wind excited tower under parametric dampin	2016	Journal of Vibration and Control January 2016 vol. 22 no. 1 145-158	lahcen Mokni, Ilham Kirrou and Mohamed belhaq
17999	Effects of a slow harmonic displacment on an atomic force microscope system under Lennard Jones forces	2016	Metec Web conferences	Morad Khadraoui, Faouzi lakrad, and Mohamed Belhaq
19175	Modeling and controle of a doubly-fed induction generator for wind turbine generator systems	2016	international journal of power electronics and drive systemes	MOUNA LAMNADAI, Trihi Mourad, Boulezhar Abdelkader
22434	an Alternative method to optimise mirrors positions in linear fresnel reflector	2017	International journal of renewable energy research	Elmaanaoui Youssef, Saifaoui Dennoun
22436	Damage prediction of horizontal axis marine current turbines under hydrodynamic, hydrostatic and impacts loads	2017	Composite Structures, 170, 146-157.	-Nachtane, M., Tarfaoui, M., El Moumen, A., & Saifaoui, D.
22438	Numerical and analytical	2017	Journal of sciences and arts	Y.Farah; D.saifaoui; A.Boulezhar

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	investigation of an oscillating wing hydrokinetic turbine and horizontal axis marine current turbines			
22439	Effect of plastic deformation on the optical and electrical properties in Cd _{0.96} Zn _{0.04} Te single crystals	2017	Journal of Physics and Chemistry of Solids	F. Lmai a,b,n , R. Moubah c,nn, A.El. Amiri c , A. Boudali d , E.K. Hlil e , H. Lassri c
22450	Simulated Brillouin Scattering in high-power photonic crystal fiber lasers in different pump schemes	2017	Journal of lasers,optics & photonics	Abouricha.M;Boulezha.A;Amrane.S and Azami.N
22451	Numerical analysis of Q-switched seven-core ytterbium Dopped fiber lasers :Application to materials processing	2017	Non linear optics and quantum optics	A.Nassiri;H.Idrissi-Saba and A.Boulezhar
22453	Analysis and Design of Coherent Combiningof two Q-Switched Fiber Laser in Mach-ZehnderType Cavity	2017	Journal Optical communications	Ali Nassiri*, Hafida Idrissi-Saba and Abdelkader Boulezhar
22455	Quasiperiodic energy harvesting in a forced and delayed Duffing harvester device	2017	Journal of Sound and Vibration	ZakariaGhouli ;MustaphaHamdi1; FaouziLakrad ;Mohamed Belhaq
22457	Energy harvesting from quasi-periodic vibrations using electromagnetic coupling with delay	2017	An International Journal of Nonlinear Dynamics and Chaos in Engineering Systems ISSN: 0924-090X (Pri	Zakaria Ghouli ;Mustapha Hamdi ;Mohamed Belhaq
22499	Synthesis, structural and dielectric properties of Ce-doped lead lanthanum titanate	2017	Materials Research Bulletin	H. Lemzioukaa,b, *, L.H. Omarib,c , R. Moubahb , M. Abida , H. Lassrib , S. Sayouric
22531	Evaluation of durability of composite	2017	Energy Reports	-Nachtane, M., Tarfaoui, M., Saifaoui,

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	materials applied to renewable marine energy: Case of ducted tidal turbine			D., El Moumen, A., Hassoon, O. H., & Benyahia, H
23162	2. Sol gel deposited phosphorus and boron doped thin silica films for diffused n+p and n+pp+ structures.	2014	Phys. Status Solidi C. physica status solidi (c) Volume 11, Issue 11-12, pages 1654-1656, November 2	Armel Duvalier Pene, Bouchaib Hartiti, Laurent Bitjoka, Philippe Thevenin and Cesar Kapseu,
23163	3. Structural, optical and electrical properties of ZnO:Al thin films for optoelectronic applications	2014	Optical and Quantum Electronics (Springer Link) January 2014, Volume 46, Issue 1, pp 229-234.	Y.AMMAIH, A.LFAKIR, B.HARTITI, A.RIDAH, P.THEVENIN ET M.SIADAT.
23164	4. Synthèse et caractérisation du quaternaire Cu ₂ ZnSnS ₄ (CZTS) par voie sol-gel associé au spin-coating	2014	Afrique SCIENCE, 10, 1 (2014) 21-26.	Hervé Joël TCHOGNIA, Youssef ARBA, Bouchaib HARTITI, Jean-Marie NDJAKA, Abderraouf RIDAH et Philippe THEVENIN.
23169	9. Effect of different S/In ratio of In ₂ S ₃ films prepared by chemical spray pyrolysis method	2015	J. Mater. Environ. Sci. 6 (2) (2015) 487-490	S. Elfarrass, B. Hartiti, A. Ridah , P. Thevenin
23171	11. Deposition of Cu ₂ ZnSnS ₄ (CZTS) prepared by a solution route for solar cells applications	2015	J. Mater. Environ. Sci. 6, 8 (2015) 2120-2124	J. H. NKUISSI TCHOGNIA, Y. ARBA, B. HARTITI, K. DAKHSI, J.M. NDJAKA, A. RIDAH, P. THEVENIN
23172	12. Performances des cellules solaires à base de Cu ₂ ZnSnS ₄ (CZTS) : Une analyse par simulations numériques via le simulateur SCAPS	2015	Afrique SCIENCE, 11, 4 (2015) 16-23	Joël Hervé NKUISSI TCHOGNIA, Bouchaib HARTITI, Jean-Marie NDJAKA, Abderraouf RIDAH et Philippe THEVENIN
23175	14. Effect of different S/In ratio of In ₂ S ₃ films prepared by chemical spray pyrolysis method	2015	J. Mater. Environ. Sci. 6 (2) (2015) 487-490	S. Elfarrass, B. Hartiti, A. Ridah, P. Thevenin

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23176	15. Effect of sulfurization time on properties of Cu ₂ ZnSnS ₄ thin films obtained by sol-gel deposited precursors	2016	Opt Quant Electron (2016)	Joel Herve Nkuissi Tchognia, Youssef Arba, Bouchaib Hartiti, Abderraouf Ridah, Jean-Marie Ndjaka, Philippe Thevenin
23178	17. Solution-based deposition of wurtzite copper zinc tin sulfide nanocrystals as a novel absorber in thin film solar cells	2016	Opt Quant Electron (2016) 48:255, DOI 10.1007/s11082-016-0535-9	Joel Herve Nkuissi Tchognia, Youssef Arba, Khalid Dakhsi, Bouchaib Hartiti, Jean-Marie Ndjaka, Abderraouf Ridah, Philippe Thevenin
23179	18. Optical properties of TiO ₂ Thin films prepared by Sol Gel method	2016	J. Mater. Environ. Sci. 7 (4) (2016) 1328-1333	Z. Essalhi, B. Hartiti, A. Lfakir, M. Siadat, P. Thevenin
23181	Behavior of NiO thin films sprayed at different annealing time	2016	Opt Quant Electron (2016) 48:427	Zahira El khalidi, Salah Fadili, Bouchaib Hartiti, Maryam Siadat
23182	Copper indium gallium disulphide (CuInGaS ₂) thin films deposited by spray pyrolysis for solar cells: influence of deposition time in controlling properties of sprayed CuInGaS ₂ absorbers "	2016	Optical and Quantum Electronics. (2016) 48:524.	Ahmed Kotbi Bouchaib Hartiti, Salah Fadili, Philippe Thevenin
23184	Application of Taguchi approach to optimize the sol-gel process of the quaternary Cu ₂ ZnSnS ₄ with good optical properties	2016	Optical Materials 57, pp. 85-92 (2016)	Nkuissi Tchognia, J.H., Hartiti, B., Ridah, A., Ndjaka, J.-M., Thevenin, P.
23191	Optimization of parameters for deposition of In ₂ S ₃ films by spray pyrolysis using Taguchi method	2016	Molecular Crystals and Liquid Crystals 628(1), pp. 139-144 (2016)	Elfarrass, S., Hartiti, B., Ridah, A., Thevenin, P.
23192	Structural and optical properties of	2016	Molecular Crystals and Liquid Crystals	Essalhi, Z., Hartiti, B., Lfakir, A.,

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	TiO ₂ :SnO ₂ thin films prepared by sol gel method		(2016)	Siadat, M., Thevenin, P.
23194	Characteristics of CuInS ₂ thin films synthesizes by chemical spray pyrolysis	2016	Optical and Quantum Electronics, 48(1),75, pp. 1-9 (2016)	Ammaih, Y., Lfakir, A., Hartiti, B., (...), Siadat, M., Thevenin, P.
23196	Optoelectronics properties of TiO ₂ :Cu thin films obtained by sol gel method	2017	Optical and Quantum Electronics, 49(9),301 (2017)	Essalhi, Z., Hartiti, B., Lfakir, A., Mari, B., Thevenin, P.
23203	Some physical parameters of CuInGaS ₂ thin films deposited by spray pyrolysis for solar cells	2017	Applied Physics A: Materials Science and Processing, 123(5),379 (2017)	Kotbi, A., Hartiti, B., Fadili, S., Ridah, A., Thevenin, P.
23204	Synthesis and characterization of CuO thin films grown by chemical spray pyrolysis	2017	Optical and Quantum Electronics, 49(2),70 (2017)	Moumen, A., Hartiti, B., Thevenin, P., Siadat, M.
23206	. Synthesis and characterization of CuO thin films grown by chemical spray pyrolysis	2017	Optical and Quantum Electronics, 49(2),70 (2017)	Moumen, A., Hartiti, B., Thevenin, P., Siadat, M.
23208	Performance Analysis and Comparison of Different Photovoltaic Modules Technologies under Different Climatic Conditions in Casablanca	2017	Journal of Fundamentals of Renewable Energy and Applications 07(03) January 2017 DOI 10.4172/2090-45	Elmehdi Karami, Mohamed Rafi, Amine Haibaoui, Abderraouf Ridah, Bouchaib Hartiti and Philippe Thevenin
23209	Analysis and comparison of different PV technologies for determining the optimal PV panels- A case study in Mohammedia , Morocco	2017	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 12, Issue 1	.Elamim, B. Hartiti, A.Haibaoui, A. Lfakir, P.Thevenin,
23210	Performance Indicators For Grid-Connected PV Systems: A Case Study	2017	Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 12,	Performance Indicators For Grid-Connected PV Systems: A Case Study

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	In Casablanca, Morocco		Issue 1, (2017	In Casablanca, Morocco
23214	Study of kesterite CZTS thin films deposited by spin coating technique for photovoltaic applications	2017	Superlattices and Microstructure. Elsevier, (2017)	Ahmed ZITI, Bouchaib HARTITI, Hicham LABRIM, Salah FADILI, Abderraouf RIDAH, Bouchra BELHORMA, Mounia TAHRI, Philippe THEVENIN
28154	structural analysis of offshore wind turbine blades using finite element method	2018	wind Engineering	Boudounit Hicham; Tarfaoui Mostapha;Dennoun Saifaoui
28158	Evaluation of durability of composite materials applied to renewable marine energy : case of dudedcted tidal turbine	2018	Energy Reports	Nachtane Mourad; Tarfaoui Mostapha; Saifaoui Dennoun
29454	Energy harvesting in a mathieu-van der Pol-Duffing MEMS device using time delay	2018	Nolinear day	Mohamed Belhaq; Zakaria Ghouli ; Mustapha Hamdi
29455	On Mathematical modelling of linear fleural vibrations of spinning Rayleigh beams	2018	Journal of Sound and Vibration	Aoudi mohamed Amine ; Lakrad Faouzi
29456	Homoclinic-doubling and homoclinic-gluing bifurcations in the Takens-Bogdanov normal form with D4 symetry	2018	Chaos 28	B.W.Qin;K.W.Chung;A.J.Rodriguez,M.B elhaq
29457	Energy harvesting in a delayed Rayleigh harvester device	2018	Matec web of conference	I.Kirrou; A.Bichri ; M.Belhaq
29458	Linear flexural natural frequencies	2018	Matec web of conference	Aouadi Mohamed Amine ; Faouzi

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	and stability analysis of spinning Rayleigh beams :application to clamped -clamped beams			lakrad
29459	Invariant slow manifolds of an atomic force Microscope system under the darjaguin -Toporov forces and a Slow harmonic base motion	2018	Matec web of conference	Baghdadi sara ; lakrad faouzi ; belhaq mohamed
29460	Natural convection in a horizontal porous annulus under quasi-periodic Gravitational modulation	2018	Matec web of conference	Belabid Jabrane; karam Allali; belhaq Mohamed
29461	Improving energy harvesting in excited duffing harvester device using a delayed piezoelectric coupling	2018	Matec web of conference	Z. Ghouli; M.Hamdi ; M.Belhaq
29462	A nonlinear model of the hand arm system and parameters identification using vibration transmissibility	2018	Matec web of conference	Nahid Hida; Abid Mohamed lakrad faouzi
29650	Elaboration and Characterization of Cu ₂ ZnSnS ₄ (CZTS) Absorber Layer by Sol Gel Method for Solar Cells Applications.	2018	Materials Focus 08/2018; 7(4).	Ahmed Ziti, Bouchaib Hartiti, H. Labrim, Salah Fadili, A. Ridah, Bernabé Marí Soucase, Mollar Miguel, Philippe thevenin:
29652	Preparation and characterization of nanostructured CuO thin films using spray pyrolysis technique.	2018	Superlattices and Microstructures 07/2018; ,	Abderrahim Moumen, Bouchaib Hartiti, Elisabetta Comini, Zahira El khalidi, Hashitha M.M. Munasinghe Arachchige, Salah Fadili, Philippe Thevenin

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29653	Growth and Characterization of CuInS ₂ Thin Films for Photovoltaic Applications	2018	Materials Focus 06/2018; 7(3):338-341., DOI:10.1166/mat.2018.1516	Ahmed Kotbi, Bouchaib Hartiti, Salah Fadili, Abderraouf Ridah, Philippe Thevenin
29654	Nickel oxide optimization using Taguchi design for hydrogen detection	2018	International Journal of Hydrogen Energy 05/2018,;	Zahira El khalidi, Bouchaib Hartiti, Salah Fadili, Philippe Thevenin: Nickel oxide optimization using Taguchi design for hydrogen detection.
29670	The Temperature Effect on the RLCq circuit	2018	Acta physica Polonica A	J.Batouli,M.El Baz; A.Maaouni, M.taibi; A. Boulezhar
29735	Gravitational potential generated by an arc bent into an elliptical shape	2018	Physics & Astronomy International Journal	Nour Eddine Najid
29739	Preliminary Assessment of an Organic Rankine Cycle Power Plant Derived by Linear Fresnel Reflector	2018	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH	Elmaanaoui Youssef ‡, Saifaoui Dennoun
29746	Magnetic, half-metallicity and electronic studies of Cd _{1-x} Zn _x Cr ₂ Se ₄ chromium selenospinel	2018	Journal of Magnetism and Magnetic Materials	M. Bouhboua,*, R. Moubaha, K. Bakkarib, H. Zaaric, A. Sabrallahd, F. Khelfaouie, N. Mlikib,M. Abid. A. Belayachif, H. Lasri
29747	Assessment of Energy Production Potential from Tidal Stream Currents in Morocco	2018	energies	Mourad Nachtane 1,2,* ID , Mostapha Tarfaoui 2 ID , Karim Hilmi 3 , Dennoun Saifaoui 1 and Ahmed El Moumen 2
29750	Damage prediction of horizontal axis marine current turbines under hydrodynamic, hydrostatic and impacts loads	2017	Composite Structures	M. Nachtane a,b , M. Tarfaoui a,† , A. El Moumen a , D. Saifaoui b

ID	Intitulé	Année	Journal	Auteurs
29781	• Optimal design of stand-alone hybrid power system using wind and solar energy sources	2018	International Journal of Energy Technology and Policy	M.Lamnadi, M.Trihi, A.Boulezhar
29782	Modeling and performance evaluation of the skills production systems: Using the ECOGRAI method	2018	WSEAS TRANSACTIONS on SYSTEMS and CONTROL	ABDERRAHMANE RHOZALI, BENAYAD NSIRI, MOHAMED ABID
29886	Elaboration of a Conductive Textile by Coating for Clothes Equipped with Fourth-Generation Photovoltaic Cells	2018	Journal of Materials Science and Engineering B 8 (3-4) (2018) 77-85	Hajar Jaouani1,, Denoun Saifaoui and Mohamed Dalal
30863	Electromagnetic control of nonlinear behavior of an excited cantilever beam in a single Mode Approximation	2018	Journal of vibration testing and systems Dynamics	Amine Bichri ; Jarir mahfoud; Mohamed Belhaq

*Communications internationales

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
11651	Analytical approximation of heteroclinic bifurcation in 1:3 resonance using a nonlinear transformation method	B.W.Qin.,K.W.Chung.,A.Fahsi.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11655	Crack's bifurcation in an anisotropic material	F.Lahna.,N.Belrhazi.,A. El Kaaba.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01

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11658	Effect of fast frequency excitation on tower oscillations under turbulent wind flow.	I.Kirrou.,M.Belhaq.,L.Mokni.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11660	Effect of high-frequency AC electromagnetic actuation on the dynamic of an excited cantilever beam.	A.Bichri.,M.Belhaq.,J.Mahfoud.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11661	Prediction of heteroclinic bifurcation near subharmonic resonances	A.Fahsi.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech	Morocco	2013-01-01
11665	Limit cycle in a 2D passive walker model	M.Fikri.,F.Lakrad.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech	Morocco	2014-01-01
11666	Frequency shift analysis and hysteresis suppression in contact-mode AFM using contact stiffness modulation	I.Kirrou.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11670	Influence of the modulation of vibration amplitude on convective instability of reaction fronts in porous media.	K.Allali.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech	Morocco	2012-01-01

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
11671	Galloping of wind-excited tower under external excitation and parametric damping	L.Mokni.,I.Kirrou., M.Belhaq	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11675	Effects of a high-frequency harmonic voltage on the dynamic of MEMS and its basin of attraction.	F.Lakrad.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech	Morocco	2012-01-01
11678	Nonlinear thermal convection in a layer of nanofluid under G-jitter and internal heating effects	B.S.Bhadoria.,P.kiran.,M. .Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014	Marrakech,	Morocco.	2014-01-01
11679	Effect of time delay on vibroimpact dynamics in a forced hertzian contact oscillator.	L.Mokni.,A.Bichri., M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech	Morocco	2012-01-01
11683	On the control of bistability in non-contact mode AFM using modulated time delay	I.Kirrou.,M.Belhaq.	2nd International conference on structural nonlinear dynamics and diagnosis CSNDD 2014.	Marrakech,	Morocco.	2014-01-01
11686	Stress intensity factor of isotropic materials used in dentistry	A. Essakhi., K. Elboussairi., A. Boulezhar.,F. Lahna.	International conference on structural nonlinear dynamics and diagnosis April 30-2 may Marrakech 2012 Morocco.	Marrakech	Morocco	2012-04-30

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
11781	.Validation of Kaniennen's rule for fissured CO-Cr used for adjoint prothesis and calculation on their critical parameters	A. Essakhi., A. Boulezhar., K. El Boussairi.	2ème International conference on structural nonlinear dynamics and dianosis . Agadir Morocco May 19-21 2014	Agadir	Morocco	2014-05-19
16105	Analytical and numerical investigation of a sea water desalination plant with integration of renewable marine energy (Jorf Alsafar OCP Morocco)	D. Saifaoui, M. Nachtane and M. Tarfaoui	RENEW 2016 2nd International Conference on Renewable Energies Offshore 24 - 26 October 2016 IST - Lisbon, Portugal	Lisbon, Portugal	Portugal	2016-10-24
16107	Predictions of the dynamic Performance of Horizontal Axis Marine Current Turbines under the effect of different impact scenarios	M. Nachtane, M. Tarfaoui, D. Saifaoui, A. El Moumen and M. Ait Mohamed	RENEW 2016 2nd International Conference on Renewable Energies Offshore 24 - 26 October 2016 IST - Lisbon, Portugal	Lisbon, Portugal	Portugal	2016-10-24
16108	The quasi-periodic vibrations in the delayed forced Duffing oscillator	I. Kirrou, M. Belhaq	The third International Conference on Structural Nonlinear Dynamics and Diagnosis (CSNDD' Marrakech 2016	Marrakech, May 23-25, 2016	Morocco	2016-05-23
16109	Tapping mode in atomic force microscopes subject to low frequency harmonic excitations	M. Khadraoui, F. Lakrad	The third International Conference on Structural Nonlinear Dynamics and Diagnosis (CSNDD	Marrakech'2016	Morocco	2016-05-23

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			Marrakech'2016			
16110	Energy harvesting from quasi- periodic vibrations in a delayed forced oscillator] Z. Ghouli, M. Hamdi, F. Lakrad, M. Belhaq	The third International Conference on Structural Nonlinear Dynamics and Diagnosis (CSNDD Marrakech '2016)	Marrakech '2016	Morocco	2016-05-23
16111	Hybrid System for the desalination of sea water	SAIFAOUI	UHII CASA, MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH	Morocco	2016-03-21
16112	DESIGN OF A SOLAR-PUMPED TEM00-MODE ND: ND:YVO LASER FOR GENERATION OF FEW CYCLE LASER PULSES	M. ABOURICHA , A. BOULEZHAR	MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH	Morocco	2016-03-21
16114	OBSERVER BASED CONTROL OF HYBRID EXCITATION SYNCHRONOUS GENERATOR WITH JOULE LOSSES OPTIMIZATION FOR WIND POWER APPLICATION	CHAKIR HOUSSAM EDDINE1, OUADI HAMID1, DENNOUN SAIFAOUI2	MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH	Morocco	2016-03-21
16115	ÉTUDE D'UN SYSTÈME	SIDI SALAH ECH-	MoroccoICSEMA'16 - The	MARRAKECH	Morocco	2016-03-21

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
	DE SMART GRID BT ASSURANT GESTION DE RÉSEAU ONEE	CHARQAOUY1 , DENNOUN SAIFAOU1	First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)			
16116	NONLINEAR CONTROL OF A DOUBLY FED INDUCTION GENERATOR IN SENSORLESS WIND ENERGY SYSTEMS	BARRA ADIL2 , OUADI HAMID2 , DENNOUN SAIFAOU1	MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH (	Morocco	2016-03-21
16117	CALCULATING INTRINSIC PARAMETERS OF PURE TITAN USED IN IMPLANTOLOGY WITH NUMERICAL METHODS	ABDELAZIZ ESSAKHI, BOULEZHAR ABDELKADER, FAOUZI LAHNA, DENNOUN SAIFAOU1 , KH. ELBOUSSIRI	MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH	Morocco	2016-03-21
16121	Heat recovery from sulfuric acid production to desalinate sea water and produce electricity	Y. Aroussy1, D.Saifaoui1, M. Nachtane1 ,M.Tarfaoui2, M.Rouway1	4th International Renewable and Sustainable Energy Conference, Marrakech, 14-17 November 2016	Marrakech	Morocco	2016-11-14
16125	Homoclinic-doubling bifurcation in the Takens-Bogdanov normal form with D 4 symmetry	K.W. Chung , B.W. Qin , M. Belhaq, A.J. Rodríguez-Luis	International conferences In CSNDD2016	MARRAKECH	Morocco	2016-05-23
16126	Liquid-liquid polymerization front	S. Assiyad, K. Allali, M. Belhaq	International conferences In CSNDD2016	MARRAKECH	Morocco	2016-05-23

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	under quasi-periodic gravitational modulation					
16128	Energy harvesting from quasi- periodic vibrations in a delayed forced oscillator	Z. Ghouli, M. Hamdi, F. Lakrad, M. Belhaq	International conferences In CSNDD2016	MARRAKECH	Morocco	2016-05-23
16129	Analytical approximation of heteroclinic bifurcation near 1:3 and 1:4 resonances	Chung , B.W. Qin , M. Belhaq, A.J. Rodríguez-Luis	Conference in Patterns of Dynamics, Free University of Berlin, July 25-29, 2016, Berlin	Berlin	Germany	2016-07-25
16130	NONLINEAR CONTROL OF A DOUBLY FED INDUCTION GENERATOR IN SENSORLESS WIND ENERGY SYSTEMS	BARRA ADIL2 , OUADI HAMID2 , DENNOUN SAIFAOU1	MoroccoICSEMA'16 - The First International Conference on Solar Energy and Materials 21-23 Mars 2016 MARRAKECH (Morocco)	MARRAKECH (	Morocco	2016-03-21
19157	shading efficiency calculation for linear fresnel reflector	Youssef Elmaanaoui	2014 International Renewable and Sustainable Energy Conference (IRSEC)	Ouarzazate	Morocco	2014-10-17
19184	Effects of a slow harmonic displacement on an atomic force microscope system under Lennard Jones forces	Morad Khadraoui, Faouzi lakrad, and Mohamed Belhaq	CSNDD 2016 - International Conference on Structural Nonlinear Dynamics and Diagnosis	Marrakech	Morocco	2016-05-23
22440	Development and	K. ChokAllah, F.LMAI	1ST International	Ifrane maroc	maroc	2017-05-10

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
	Characterization of Solar Cells Based on Perovskite Materials		Materials Science and Engineering For Green Energy Conference. May 10-12, 2017 Ifran			
22441	«Elaboration of intelligent textile as an electrode for Organic Photovoltaic Cells applications»	H. Jaouani, D. Saifaoui, Y. Jouane, H. Ennamiri	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-28
22442	14h30.Thu «Pre-study of possibility to produce desalinate sea water and electricity from heat recovery in sulfuric acid plants»	Y.Aroussy, D.Saifaoui, M.Nachtane, M.Tarfaoui	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-28
22459	Energy harvesting in a nolinear harvester under modulated delay amplitude	ZakariaGhouli ;MustaphaHamdi1 ;FaouziLakrad;Mohamed Belhaq	Medyna 2017 2nd euro-Mediterranean conference on structuralDynamics and vibroacoustics	Seville	Spain	2017-04-25
23033	1. Contribution to the Study of In2S3: Al Thin Films Properties Grown by Chemical Bath Deposition	Samira Elfarrass, Bouchaib Hartiti, Abderraouf Ridah, Philippe Thevenin	The International conference on Advanced Materials for Photonics, Sensing and Energy Applications (AMPSECA' 2017)	Agadir	Maroc	2017-03-28
23034	2. Evaluation of Three Types of PV Panels Based	Amine Haibaoui, Bouchaib Hartiti, Mehdi	The international conference on advanced	Agadir	Maroc	2017-03-30

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
	on Silicon Material:A Case Study in Casablanca, Morocco	Karami, Abderrazzak Elamim, Abderraouf Ridah,Philippe Thevenin	materials for photonics sensing and energy applications			
23036	3. Cadmium Sulfide (CdS) thin films doped In, Sn and Fe by spray pyrolysis using Taguchi method	Youssef Arba, Bouchaib Hartiti, Abderraouf Ridah, Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23037	4. Temperature Growth and Annealing Effects on CdS Thin Films Prepared by Spray pyrolysis	Asma EZZAKI, Bouchaib Hartiti, Salah Fadili	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23038	5. Elaboration and characterization of Cu ₂ ZnSnS ₄ (CZTS) absorber layer by sol gel method for solar cells applications	Ahmed Ziti, Bouchaib Hartiti, Hicham Labrim, Salah Fadili, Abderraouf Ridah, Soucace Bernabé Mari, Miguel Mollar, Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23041	6. Synthesis of TiO ₂ :Cu Thin films obtained by sol gel method	Zineb ESSALHI, Bouchaib HARTITI, Abderrazak LFAKIR and Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23042	7. Growth and characterization of CuInS ₂ thin films for photovoltaic applications	Ahmed Kotbi, Bouchaib Hartiti, Salah Fadili, Abderraouf Ridah, Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy	Agadir	Maroc	2017-03-30

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			applications			
23044	8. Fabrication and Characterization of CuO Thin Films by Spray Pyrolysis Method	Abderrahim Moumen, Bouchaib Hartiti, Salah Fadili, Mariam Siadat, Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23046	9. Synthesis and precursor effect studies of ZnO thin films for gas sensors applications	Zahira El khalidi, Bouchaib Hartiti, Elisabetta Comini, M.A.H.M.Munasinghe, Salah Fadili, Mariam Siadat, Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23048	10. Comparative performance investigation of different pv modules in Errachidia , Morocco	A. Elamim, A.Haibaoui, B. Hartiti, A. Lfakir, A.Battan,P.Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23049	11. Effect of In-doping on structural, electrical, and optical properties of ZnO thin films for optoelectronic application	Youssef Ammah, Bouchaib Hartiti, Abderraouf Ridah, Abderrazak Lfakir, Bernabé Marí, Soucase And Philippe Thevenin	The international conference on advanced materials for photonics sensing and energy applications	Agadir	Maroc	2017-03-30
23413	The Improvement Of The Experimental Method By Taguchi's Method To Elaborate The CdS Doped In By Spray Pyrolysis	Youssef Arba, Bouchaib Hartiti, Abderraouf Ridah , Philippe Thevenin	International Conference on Advances in Energy Technologies, Environemental Engineering and	Mohammadia	Maroc	2017-07-11

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	Technique		Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20			
23415	Elaboration and characterization of thin layers based on CIS and CIGS by the electrodeposition technique for photovoltaic application	Amal BOUICH1, Bouchaib HARTITI, Mohamed Ebn TOUHAMI, Diogo M.F.Santos ,Khalid DAKHSI	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammedia	Maroc	2017-07-11
23417	Elaboration Of Gas Sensors Using ZnO Material	Zahira El Khalidi, Elisabetta Comini, Bouchaib Hartiti, Hashitha M. M. Munasinghe Arachchige, Salah Fadili, Philippe Thevenin	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammedia	Maroc	2017-07-11
23418	Determination of Structural and Optical Parameters of TiO ₂ :Cu Thin Prepared by Dip Coating Films	Z.Essalhi1, B.Hartiti, A.Lfakir, B.Mari, P.Thevenin	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17)	Mohammedia	Maroc	2017-07-11

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
			Mohammedia, MOROCCO July 10 - 11, 2017. P20			
23419	Elaboration and characterization of CZTS thin films by dip coating technique for photovoltaic applications	A.Ziti, B. Hartiti, H. Labrim, S. Fadili, A. Ridah, B.Belhorma, M.Tahri, P. Thevenin	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23420	Production Study Of A Grid Connected PV Plant Located In Three Moroccan Cities	Amine Haibaoui1, Bouchaib Hartiti, Abderrazzak Elamim, Abderraouf Ridah	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23422	Simulation and performance evaluation of different solar PV system in Mohammedia , Morocco .	A. ELAMIM, A.HAIBAOU1, B. HARTITI1, A. LFAKIR, P. THEVENIN	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11

ID	Intitulé	Auteurs	Conférence	Ville	Pays	Date
23423	Spray deposition of Sn:In ₂ S ₃ thin films for solar cell applications	S. Elfarrass, B. Hartiti, A. Ridah, P. Thevenin	International Conference on Advances in Energy Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23424	Numerical Simulation of Multijunction CZTS Solar Cell bySCAPS 1D & AMPS-1D	Ali Faddouli, Salah Fadili , Bouchaib Hartiti , Ridah Abderaouf , Ahmed Ziti .	International Conference on Advances in Energy Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23426	Comparison of CZTS-based solar cells and CIGS-based solar cells by the similator SCAPS-1D	Y.FARFOUR, S. FADILI, B. HARTITI1, A.RIDAH, A.ZITI	International Conference on Advances in Energy Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23428	Ab-initio physical properties calculations of	S. KRIK, B. HARTITI, S. FADILI, A. RIDAH, P.	International Conference on Advances in Energy	Mohammadia	Maroc	2017-07-11

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	chalcopyrite and kesterite materials: CIS and CZTS	THEVENIN	Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20			
23429	WO3 thin films deposited using low cost spray pyrolysis technique and its suitability for gas sensors applications	Abderrahim Moumen, Bouchaib Hartiti, Salah Fadili, Zahira El khalidi1, Philippe Thevenin, Mariam Siadat	International Conference on Advances in Energy Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23431	Ab-initio calculation of the structural and electronic and optical properties of the CdS and SnO2 components	Y.NOURI, B. HARTITI, S. FADILI, A.RIDAH, P.THEVENIN	International Conference on Advances in Energy Technologies, Environemental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23432	Elaboration and characterization of CZTS thin films by electroplating for	H. TOURA, B. HARTITI, M. Ebn TOUHAMI, K. DAKHSI	International Conference on Advances in Energy Technologies, Environemental	Mohammadia	Maroc	2017-07-11

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	photovoltaic applications		Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20			
23433	Preparation and characterization of ZnO thin films deposited by sol-gel spin and dip coating method	A. ZAHRANI1, B. HARTITI, K. ABDERRAFI, S. FADILI, A. LFAKIR, P.THEVNIN	International Conference on Advances in Energy Technologies, Environmental Engineering and Materials Science. (AETEEMS-17) Mohammedia, MOROCCO July 10 - 11, 2017. P20	Mohammadia	Maroc	2017-07-11
23436	Simulation and performance analysis of 1.86 KWp grid -connected PV system installed on institutional building in Mohammedia, Morocco	ELAMIM Abderrazzak, HARTITI Bouchaib, HAIBAOUI Amine, Philippe THEVENIN, LFAKIR Abderrazzak	In the 3RD EDITION OF THE INTERNATIONAL CONGRESS ON ADANCED TECHNOLOGIES,12-14 April 2017 at ENSA Safi, ICAT 2017 (oral)	Safi	Maroc	2017-04-14
30869	Energy harvesting feedback	M.Hamdi, M.Belhaq, Z.Ghouli	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30871	Energy harvesting in a excited van der Pol device using time delay	Z.Ghouli ; M.hamdi ; M.belhaq	4th internationale conference on structural Nolinear dynamics and	Tanger	Morocco	2018-07-25

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	in the electrical circuit		diagnosis CSNDD 2018			
30872	Homoclinic doubling and homoclinic	K.W.Chung ; B.W.Qin ; M.belhaq	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30873	Natural convection in a horizontal porous annulus ...	J.Belabidi ; K.Allali ; M.belhaq	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30874	Linear modeling of 3D.....	M.A.Aouadi, F.Lakrad	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30875	two models of atomic force.....	S.Baghdadi ; F.lakrad	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30876	Suppression of Chaos by a slow harmonic	A. Chtouki ,F.Lakrad, M.Belhaq	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30877	Energy harvesting feedback	M.Hamdi, M.Belhaq, Z.Ghouli	4th internationale conference on structural Nolinear dynamics and diagnosis CSNDD 2018	Tanger	Morocco	2018-07-25
30878	The hand arm system	N.Hida, M.Abid, F.lakrad	4th internationale	Tanger	Morocco	2018-07-25

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	vibrations		conference on structural Nolinear dynamics and diagnosis CSNDD 2018			

***Communications nationales**

ID	Intitulé	Auteurs	Conférence	Ville	Date
11444	Etude numérique de la distribution de la température pour différents types de pompage dans un laser à fibre	M. Abouricha., A. Boulezhar., M. El Mouden., N. Rouchdi.	YDCFLS, Telecom 2013 à Rabat	Rabat	2014-01-23
11459	Numerical Model of a Q-Switched double -clad fiber laser	M. Abouricha., A. Boulezhar., N. Rouchdi .	2ème International conference on structural nonlinear dynamics and dianosis Agadir Morocco	Agadir	2014-05-19
11477	Study of thermal stress and thermo-optic effects in high average power photonic crystal fiber lasers	M. Abouricha.,A. Boulezhar., M. El Mouden.,N. Rouchdi.	Workshop International sur les nouvelles technologies sans fil st systèmes Wits 2014 INSA de Fès 9-10 avril 2014	Fes	2014-04-09
11662	Water and Energy in Sustainable Food Security organized	Dennoun Saifaoui	Renewable energy and technologies for the protection of water supplies. Conference Water and Energy in Sustainable Food Security organized by Arab academy in sciences	Beirut, Lebanon	2012-12-04

ID	Intitulé	Auteurs	Conférence	Ville	Date
11673	La maison positive (Energies renouvelables),	Dennoun Saifaoui	8ième rencontre nationale d'Education et l'Environnement	Tetouan Maroc	2012-06-17
11681	Renewable energy and technologies for the protection of water supplies. Conference Water and Energy in Sustainable Food Security organized by Arab academy in sciences	Dennoun Saifaoui	Renewable energy and technologies for the protection of water supplies. Conference Water and Energy in Sustainable Food Security organized by Arab academy in sciences	Beirut, Lebanon	2012-12-04
11687	Les énergies renouvelables au Maroc : Stratégie et perspectives	Dennoun Saifaoui	Journée de la science 2012 Energie & Environnement-30ième anniversaire de la faculté des sciences Ain Chok	casablanca	2012-05-17
11692	: L'Optimisation de l'eau d'irrigation par un système intelligent alimenté par l'énergie solaire Renewable Energies	Dennoun Saifaoui	Technology and efficient management Conférence au workshop à l'université Al Akhawan université d'Ifrane Janvier	Ifrane	2012-12-12
11702	Conférence on strategy of Morocco on RE	Dennoun Saifaoui	CPV11	Aix Leban france	2015-04-15
16085] Simulation de la performance thermique d'une façade intelligente en béton et matériaux à changement de phase	M. FARAJI, D. SAIFAOUI et A. MIMET	CONGRES INTERNATIONAL LA VILLE INTELLIGENTE ET L'EFFICACITE ENERGETIQUE	Ecole des mines -Rabat 11 et	2016-07-11

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16087	Conception et optimisation d'une plateforme photovoltaïque dans un Riad a Marrakech	A. LILANE - D.Saifaoui	CONGRES INTERNATIONAL LA VILLE INTELLIGENTE ET L'EFFICACITE ENERGETIQUE	Ecole des mines -Rabat 11 et	2016-07-11
16089	] Gestion des flux énergétiques dans un micro-réseau a base d'énergie photovoltaïque avec stockage et microturbine a gaz	: M. ET-TAOUSSI, H. OUADI ET D. SAIFAOUI	CONGRES INTERNATIONAL LA VILLE INTELLIGENTE ET L'EFFICACITE ENERGETIQUE	Ecole des mines -Rabat 11 et	2016-07-11
16090	Evaluation d'une centrale solaire photovoltaïque d'Assa zag raccordée au réseau électrique de distribution HTA étude des conditions climatiques sur les performances de la centrale	T. VIANNEY ET B. YASSINE - D.Saifaoui	CONGRES INTERNATIONAL LA VILLE INTELLIGENTE ET L'EFFICACITE ENERGETIQUE	Ecole des mines -Rabat 11 et	2016-07-11
22443	Modélisation et simulation de l'endommagement des systèmes énergétique pour les énergies marines et éolienne « pales et tuyère »	Dennoun Saifaoui	Journée scientifique sur l'énergie éolienne Jeudi 25 mai 2017 Ecole Hassania des Travaux Publics, Casablanca	Casablanca	2017-05-25
22445	Hygrothermal and mechanical performance evaluation of glass-polyester composite for Renewable Marine Energies	M. Nachtane *1,2, M.Tarfaoui1, D.Saifaoui2, K .Hilmi 3	13ème Congrès de Mécanique 11 - 14 Avril 2017 (Meknès, MAROC)	(Meknès, MAROC)	2017-04-11
22463	Energy harvesting from quasi-periodic vibrations	ZakariaGhouli ;MustaphaHamdi1 ;FaouziLakrad;Mohamed	2 second edition of scientific english	Casablanca	2017-05-25

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		Belhaq			
22464	Energy harvesting in excited duffing harvester device under modulated delay amplitude	ZakariaGhouli ;MustaphaHamdi1 ;FaouziLakrad; Abderrahim Azouani and mohamed belhaq	The first international conference on civil Engineering and materials	Al Hoceima Morocco	2017-05-11
22465	Energy harvesting in a nolinear harvest using quasi-periodic vibrations	ZakariaGhouli ;MustaphaHamdi1 ;FaouziLakrad;Mohamed Belhaq	Méthodes numériques at aide à la décision	Khouribga Maroc	2017-05-20
30883	Study of a multi-source Energy System	O.Lagdani ; M.Trihi	AEEEMS	El Jadida	2018-11-13
30884	Assessment of offshore wind energy potential in Morocco	H.Laaouidi;M.Trihi	AETEEMS	El Jadida	2018-11-13

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ID	Intitulé	Auteurs	Editeur	Date
22437	Matériaux composites pour les énergies marines renouvelables.	-Nachtane, M., Tarfaoui, M., & Saifaoui, D. (2017	. Éditions universitaires européennes.	2017
23252	1. Couches minces de Cu ₂ ZnSnS ₄ (CZTS) élaborées par voies chimiques Applications aux cellules solaires photovoltaïques en couches minces	Hervé Joël Tchognia Nkuissi, Bouchaib Hartiti, Jean-Marie Ndjaka	Noor Publishing Publié le 11.04.2017, ISBN-13 : 978-3-330-97577-4, ISBN-10: 3330975776	2017
23253	2. Étude et Caractérisation des	Youssef Arba, Bouchaib Hartiti	Noor Publishing Publié le	2017

ID	Intitulé	Auteurs	Editeur	Date
	Matériaux CdS et CZTS en Couches Minces Par les plans d'expériences de Taguchi : Application Photovoltaïque		25.05.2017, ISBN-13: 978-3-330-96941-4, ISBN-10: 103330969415	
23254	3. Synthèse du CuInS ₂ en couche mince pour application photovoltaïque	: Mohamed Rafi, Bouchaib Hartiti	Noor Publishing Publié le 2017-07-26, ISBN-13 : 978-3-330-85609-7, ISBN-10: 3330856092	2017
29643	Book Chapters Prediction of Time Series of Photovoltaic Energy Production Using Artificial Neural Networks	A. Elamim, B. Hartiti, A. Barhdadi, A. Haibaoui, A. Lfakir, P. Thevenin	Vol 2: Advanced Intelligent Systems Applied to Energy. Advanced Intelligent Systems for Sustainable Development (AI2SD'2018)	2018
29644	Cu ₂ ZnSnS ₄ Thin-Film Solar Cells. Handbook of Nanomaterials for Industrial Applications	Hervé Nkuissi Tchognia, Bouchaib Hartiti	edited by Chaudhery Mustansar Hussain, 07/2018	2018
29783	Recent Trends in Applied Nonlinear Mechanics and Physics	Editors: Belhaq, Mohamed	Springer Proceedings in Physics	2018

*Chapitres d'ouvrage

ID	Intitulé chapitre	Auteurs	Ouvrage	Editeur	Date
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*Thèses en cours

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3549	Ettami Said	Modélisation et développement d'un aérogénérateur d'une éolienne	SAIFAOUI DENNOUN SAIFAOUI	2016
2288	Oulahzan Mohamed	Developpement d'un concenrateur de Fresnel pour le chauffage de l'eau pour les Hammams et dessalement	SAIFAOUI DENNOUN SAIFAOUI	2013
3550	Laaouidi Houda	Etude de l'amélioration du rendement des parcs éoliens	Trihi Mourad	2016
2289	Lamnadi Mounia	Etude des systemes multisources	Trihi Mourad	2012
3551	Chouiekh Mohamed	Conception et réalisation d'un système PV muni d'une commande MPPT numérique	Abid Mohamed	2016
2291	El Kebch Ali	Etude de l'érosion des parois du Tokamak par le Monte Carlo	SAIFAOUI DENNOUN SAIFAOUI	2011
3552	Abouabdillah Nisrine	Modélisation et optimisation des fissures dans les biomatériaux utilisés en médecine dentaire	SAIFAOUI DENNOUN SAIFAOUI	2016
2293	Houssam A	developpement des suiveurs pour les concentrateurs solaires	Najid Noureddine	2015
2295	Echarquaoui Sidi Salah	Etude de l'integration des Energies Renouvelables dans le reseau électrique marocain	SAIFAOUI DENNOUN SAIFAOUI	2014
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2268	Zakaria Ghouli	Vibrations	Belhaq Mohamed	2013
2269	Zakaria Ghouli	Vibrations	Belhaq Mohamed	2012
2272	Abdelbasit Chtouki	mecanique des vibrations	Belhaq Mohamed	2012
3542	Hicham Boudounit	Etude de l'endommagement des pales d'une éolienne	SAIFAOUI DENNOUN SAIFAOUI	2016
2275	Mourad Khadraoui	mecanique des vibrations	Belhaq Mohamed	2013
3543	Mohamed Lilane	Optimisation de la consommation énergétique par une plateforme de dessalement	SAIFAOUI DENNOUN SAIFAOUI	2016
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2280	Abdelbast Kerbal	Fabrication et caracterisation d'une eolienne Darius	SAIFAOUI DENNOUN SAIFAOUI	2012
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3547	Addal Abdeslam	Etude dosimétrique au sein des installations de traitement par radiothérapie	Trihi Mourad	2016
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3548	Jenkal hasna	Modélisation et optimisation des commandes d'une éolienne avec stockage	Boulezhar Abdelkader	2016
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*Thèses soutenues

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2232	Nabila Omari	Etude des Propriétés Magnétiques et électroniques des granulaires NiFeX (X=Al ₂ O ₃ , Cu)	Abid Mohamed	2008	2013-12-28
2234	A. Mahdary	Développement d'outils de controle et d'analyse pour l'optimisation et la gestion de l'énergie pour système multi-energie	Trihi Mourad	2008	2013-10-03

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2245	M.Zégoumou	Potentiel Generer par un anneau A Densité Anisotrope En terme d'intégrales Elliptiques : Application Aux Anneaux De Saturne	Najid Noureddine	2008	2013-02-23
2250	M.Abouricha	Etude Théorique et numerique de l'effet thermique dans un laser à fibres en cristaux photoniques pour différents régimes de pompage dans une cavité laser	Boulezhar Abdelkader	2008	2015-09-19
4298	Mouna Lamnadi	Etude d'un système multi-sources d'énergies :Modélisation et simulation d'une chaine de production photovoltaïque et éolienne raccordé au réseau électrique .	Trihi Mourad	2012	2017-01-14
2255	A. El Amiri	. Calculs ab initio propriétés électroniques et magétiques des Semi- conducteurs magnétiques dilués à bas de Zno	Abid Mohamed	2008	2014-12-27
2259	Amine Bichri	CONTRIBUTION AU CONTRÔLE DES VIBRATIONS MECANIQUES AU VOISINAGE DES RESONANCES	Belhaq Mohamed	2008	2013-10-18
2260	Lahcen Lokni	Contribution à l'étude de la réduction des vibrations dans les systèmes mécaniques	Belhaq Mohamed	2008	2013-11-15
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		comportement des joints à lèvres			
2262	Ilham Kirrou	Contribution au contrôle des vibrations non linéaires dans les micro-nano-structures: Application au microscope à force atomique	Belhaq Mohamed	2008	2014-09-12
3178	Essakhi abdelaziz	Contribution à la caractérisation et la simulation de biomatériaux utilisés en médecine dentaire"	Boulezhar Abdelkader	2008	2016-01-11
2264	Dlimi Nourredine	Transport anormal dans le tokamak et l'érosion des parois	SAIFAOUI DENNOUN SAIFAOUI	2008	2014-01-15
3179	Ali EL KEBCH	Modélisation et simulation de l'érosion des parois du Tokamak : Application aux matériaux des parois des réacteurs de fusion nucléaire" Tungstène, Carbone et Béryllium	SAIFAOUI DENNOUN SAIFAOUI	2009	2016-07-09
3180	Mouna Lamnadi	Etude d'un système multi-sources d'énergies :Modélisation et simulation d'une chaine de production photovoltaïque et éolienne raccordée au réseau électrique	Boulezhar Abdelkader	2010	2016-01-14
3203	Nawal Rochdi	Modélisation de laser à fibre impulsional et étude thermo-optique dans les fibres à cristaux photoniques dans une cavité laser	Boulezhar Abdelkader	2009	2016-05-07

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4535	Arba Youssef	Etude et caractérisation des matériaux CdSe CZTS en couches minces	HARTITI Bouchaib	2011	2016-12-24
4536	Samira Elfarrass	Optimisation des paramètres de dépôt des couches minces de sulfure d'Indium par l'utilisation de l'expérimentation taguchi ...	HARTITI Bouchaib	2011	2017-07-08
4537	Mr Thierno Sall	Elaboration et Caractérisation des couches minces de trisulfure d'Indium	HARTITI Bouchaib	2011	2015-05-23
4538	TCHOGNIA Nkuissi Hervé joel	Optimisation du processus de dépôt des couches minces de Cu ₂ ZnSnS ₄	HARTITI Bouchaib	2011	2016-10-12
4539	DAKHSI Khalid	Elaboration et caractérisation structurales morphologiques optiques et électriques des couches minces de l'oxyde de Zinc intrinsèque et dopé	HARTITI Bouchaib	2011	2015-06-12
4540	Youssef Ammah	réalisation des couches minces d'oxydes d'étain SnO ₂ et de zinc ZnO par sol Gel	HARTITI Bouchaib	2011	2017-07-07
5715	Lemziouka hamane	Etude structurale diélectrique ,magnétique et optique des matériaux de type pérovskite	Abid Mohamed	2013	2018-07-25