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No.	Authors	Publication title	Revue/Journal	Vol. pagination, year
01	S. ZERGANE, A. SMAILI, C. MASSON	Optimization of Wind Turbine Placement in a Wind Farm using a New Pseudo-Random Number Generation Method	RENEW ENERG	Vol. 125, pp. 166-171, 2018
02	A. BOUHELAL, A. SMAILI, O. GUERRI, C. MASSON,	Numerical investigation of turbulent flow around a recent horizontal axis wind Turbine using low and high Reynolds models	J APPL FLUID MECH	Vol. 11, No. 1, pp. 151-164, 2018
03	M.TATA, A. SMAILI, C. MASSON	Effect of Grid Topology on Numerical Simulations of Flow Fields around Wind Turbine Nacelle Anemometer	J APPL FLUID MECH	Vol. 11, No. 6, pp. 1569-1578, 2018
04	B. AGAGNA, A. SMAILI, Q. FALCOZ, O. BEHAR	Experimental and numerical study of parabolic trough solar collector of MicroSol-R tests platform	EXP THERM FLUID SCI	Vol. 98, pp. 251-266, 2018
05	M. A. MAHDI, A. SMAILI, Y. SAAD	Numerical investigations of turbulent natural convection heat transfer within a wind turbine nacelle operating in hot climate	INT J THERM SCI	Vol. 147, pp. 2020, 106143, 2019
06	M. BELKADI, A. SMAILI	Thermal analysis of a multistage active magnetic regenerator cycle for hydrogen liquefaction	INT J HYDROGEN ENERG	Vol. 43, pp. 3499-3511, 2018
07	B. KEBLI, Z. BAKA	Annular crack in an elastic half-space	INT J ENG SCI	Vol. 134, pp. 117-147, 2019

08	N. BENRACHI, M. OUZANE, A. SMAILI, L. LAMARCHE, M. BADACHE, W. MAREF	Numerical parametric study of a new earth-air heat exchanger configuration designed for hot and arid climates	INT J GREEN ENERGY	Vol. 17, pp. 115-126, 2019
09	B. AGAGNA, A. SMAILI, O. BEHAR	An improved model for predicting the performance of parabolic trough solar collectors	Int. Journal Energy Res.	PP. 4512-4521, 2018
10	A. DJABALI, L. TOUBAL, R. ZITOUNE, S. RECHAK	Fatigue damage evolution in thick composite laminates: Combination of X-ray tomography, acoustic emission and digital image correlation	COMPOS SCI TECHNOL	Vol. 183, PP. 20 107815, 2019
11	A. DJABALI, L. TOUBAL, R. ZITOUNE, S. RECHAK	An experimental investigation of the mechanical behavior and damage of thick laminated carbon/epoxy composite	COMPOS STRUCT	Vol. 184, PP. 178-190, 2018
12	K. MELIANI, S. RECHAK	Comparative study of biocomposite reinforced with vegetable fiber and based on carbon nanotubes of different corrugated shapes with interphase problem	COMPOS INTERFACE	Vol. 27, pp. 161-175, 2019
13	M. EZZRAIMI, R. TIBERKAK, A. MELBOUS, S. RECHAK	LQR and PID Algorithms for Vibration Control of Piezoelectric Composite Plates	MECHANIKA	Vol. 24, No. 5, pp. 734-740, 2018

14	T. BENKEDJOUH, N. ZERHOUNI, S. RECHAK	Tool wear condition monitoring based on continuous wavelet transform and blind source separation	INT J ADV MANUF TECH	Vol. 97, pp. 3311–3323, 2018
15	S. BOUBENDIR, S. LARBI, M. MALKI, R. BENNACER	Hydrodynamic self-lubricating journal bearings analysis using Rabinowitsch fluid lubricant	TRIBOLOGY INT	Vol. 140, pp. 105856, 2019
16	A. HALIMI, B. MARINUS, S. LARBI	Analytical prediction of broadband noise from mini-RPA propellers with serrated edges.	INT J AEROACOUST	Vol. 18, pp. 517-535, 2019

17	M. MALKI, S. LARBI, S. BOUBENDIR, R. BENNACER	Lubricant rheological behavior effect analysis on the performance of finite porous self-lubricating journal bearings	J APPL FLUID MECH	Vol. 11, No.6, pp. 1557- 1568, 2018
18	M. A. MAHDI, A. SMAILI	Numerical Study of the Thermal Behavior of a HAWT nacelle Operating Under Severe Saharan Climat	IEEE	2018
19	M. TATA, F. MASSOUH, I. DOBREV, A. SMAILI	Experimental and numerical analysis of a scaled wind turbine near wake	IEEE	2018
20	M. TATA, O. GUERRI, A. SMAILI	Numerical Investigation on the Flow Field around a Wind Turbine Nacelle Anemometer	IEEE	2018
21	M. N. HAMLAOUI A. SMAILI H. FELLOUAH	Improved BEM Method for HAWT Performance Predictions	IEEE	2018
22	S. OUCHENE, A. SMAILI, H. FELLOUAH	Numerical Simulation of a Pitching NACA 0015 Airfoil in Deep Stall regime: Comparison of turbulence models	IEEE	2018
23	F. GUERRACHE, B. KEBLI	An Axisymmetric Contact Problem of a Thermoelastic Layer on a Rigid Circular Base,	Journal of Solid Mechanics	Vol. 11, No. 4, pp. 862-885, 2019
24	A. BOUHELAL O. GUERRI, A. SMAILI,	Contribution to the Aerodynamic Study of the Air-Sand Flow Around a Wind Turbine Blade Installed in Desert Environment of Algeria	IEEE	2018

	C. MASSON			
25	M. AMANI, A. SMAILI, A. GHENAIET	Performance Investigations of Integration of a Solar Tower with a Combined Cycle	IEEE	2018
26	B. KEBLI, S. BERKANE, F. GUERRACHE	An axisymmetric contact problem of an elastic layer on a rigid circular base, Mechanics and Mechanical Engineering,	Mechanics and Mechanical Engineering	Vol. 22, No. 1, pp. 221– 237, 2018