

LISTA LUCRĂRILOR PUBLICATE

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1.	Ion V.I. , Popescu F., Rolea G.G., <i>A biomass pyrolysis model for CFD application</i> , Journal of Thermal Analysis and Calorimetry, March 2013, Volume 111, Issue 3, pp. 1811-1815. ISSN 1388-6150 http://link.springer.com/article/10.1007/s10973-012-2552-7
2.	Ion V.I. , Portinha Anibal, Martins Jorge, Teixeira Vasco, Carneiro Joaquim, <i>Analysis of the energetic/environmental performances of gas turbine plant - effect of thermal barrier coatings and mass of cooling air</i> , Thermal Science Journal, Vol. 13 (2009), No. 1, pp. 147-164. ISSN 0354-9836 UDC 621
3.	Paraschiv L.S., Paraschiv S., Ion V.I. , <i>Experimental and theoretical analyses on thermal performance of a solar air collector</i> , Environmental Engineering and Management Journal, August 2014, Vol.13, No. 8, 1965-1970. http://omicron.ch.tuiasi.ro/EEMJ/issues/vol13/vol13no8.htm
4.	Paraschiv S., Ion V.I. , Paraschiv L.S., <i>Thermodynamic performance for the solar collector of a micro-combined cooling, heating and power system</i> , Environmental Engineering and Management Journal, September 2011, Vol. 10, No. 9, pp. 1311-1318. ISSN: 1582-9596 http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no9/19_377_Paraschiv_11.pdf
5.	Martins J.G., Ribeiro B.S., Ion V.I. , <i>Thermodynamic analysis of spark ignition engines using entropy generation minimisation method</i> , International Journal of Exergy, Vol. 6, No. 1, 2009, pp. 93-110. http://www.inderscience.com/info/inarticle.php?artid=23347
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7.	Popa V., Ion V.I. , Popa C.L., <i>Thermo-Economic Analysis of an Air-to-Water Heat Pump</i> , Energy Procedia, 2015.
8.	Dimofte E., Popescu F., Ion V.I. , <i>A Review of Recent Research on Sand Dunes Formation</i> , Environmental Engineering and Management Journal, 2016.
9.	Ion V.I. , Popescu F., Paraschiv S.L., Paraschiv S., <i>Thermal and economic analysis of a combined solar - biomass heating system</i> , Proceedings of ECOS 2015-The 28 th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, June 30 July 3, 2015, Pau, France. http://ibrahimdemir2016.freevar.com/html/13480.html
10.	Ion V.I. , Popescu F., <i>Effect of fuel composition change on the performance of a saturated steam boiler</i> , The Annals of "Dunarea de Jos" University of Galati Fascicle IV Refrigerating Technique, Internal Combustion Engines, Boilers and Turbines, 2014.
11.	Bălan M., Damian M., Jantschi L., Ion V.I. , <i>Study concerning the influence of some working conditions, on the heat pumps performances</i> , Proceedings of the 35th International Symposium "Actual Tasks on Agricultural Engineering" Opatija, Croatia, 11 - 15 February 2008, pp. 535-544, ISSN 1333-2651. http://atae.agr.hr
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13.	Mahu R., Ion V.I. , Popescu F., <i>Testing of imporved boiler for biomass briquettes</i> , Proceedings of the 41 International Symposium on Agricultural Engine - Actual Tasks on Agricultural Engineering, 25 th – 28 th February 2013, Opatija, Croatia, pp. 336-342. http://atae.agr.hr/Zbornik_2013.pdf
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