

A. Articole publicate în reviste cotate ISI

1. Leopa, A., *Experimental evaluation of a theoretical model for predictive monitoring of the antiseismic bearing devices degradation on viaducts*, Proceedings of the Romanian Academy, Series A, the Publishing House of the Romanian Academy (in proces de reevaluaire).

B. Articole publicate ISI proceedings:

1. Leopa, A., Nastac, S., Debeleac, C., Capatana, G., Potarniche, A., *Identification of parameters characterizing the nonlinear behavior of viscoelastic system on dynamic loadings*, Of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st april 2012, Tallinn, Estonia, p. 175-180.

2. Potirniche, A., Nastac, S., Leopa, A., Debeleac, C., Capatana, G., *On unitary rheological approach of vibration isolation passive devices*

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International Conference of DAAAM Baltic Industrial Engineering, 19-21

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april 2012, Tallinn, Estonia, p. 69-73.

3. Leopa, A., Nastac, S., Debeleac, C., *Protection Against Vibrations, a Desideratum of The Sustainable Development,*

12th International Multidisciplinary Scientific GeoConference & EXPO SGEM 2012, 17-23 July 2012, Albena, Bulgaria.

4. Leopa, A., Debeleac, C., Nastac, S., *Simulation of Vibration Effects on Ground Produced by Technological Equipments*, 12th International

Multidisciplinary Scientific GeoConference & EXPO SGEM 2012, 17-23 July 2012, Albena, Bulgaria.

C. Articole acceptate spre publicare în reviste cotate în baze de date internaționale:

1. Leopa, A., "The Nonlinear Behavior Identification of the Dynamic Insulation Systems Used in Viaduct Structure", The Annals of "Dunarea de Jos" University of Galati, Fascicle XIV Mechanical Engineering, ISSN 1224-5615, Galați, 2012, p. 65 - 70

2. Leopa, A., "Quantification of the Dynamic Response of a Viaduct Loaded by Shocks from Road Traffic", The Annals of "Dunarea de Jos" University of Galati, Fascicle XIV Mechanical Engineering, ISSN 1224-5615, Galați, 2012, p. 71 - 76