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L I S T A
lucrărilor științifice în domeniul disciplinelor din postul didactic
2015-2017

A. Cărți si capitole în cărți

1. D. Glavan, T. Babanatsas, **R. M. Babanatis Merce**, Ghidul Materialelor în Design – Universitatea Aurel Vlaicu Arad., ISBN 978-973-752-772-1, **2016**

B. Lucrări indexate ISI/BDI

Lucrări ISI (Pending)

1. T Babanatsas, **R M Babanatis Merce**, D O Glăvan and A Glăvan, *Contributions to optimization of storage and transporting industrial goods*, IOP Conference Series: Materials Science and Engineering- International Conference on Applied Science, Hunedoara– ICAS, **2017**
2. T Babanatsas, D O Glăvan, **R M Babanatis Merce** and S A Maris, *Modelling in 3D the olive trees cultures in order to establish the forces (interval) needed for automatic harvesting*, IOP Conference Series: Materials Science and Engineering- International Conference on Applied Science, Hunedoara– ICAS, **2017**
3. D O Glăvan, T Babanatsas, **R M Babanatis Merce** and A Glăvan, *Comparative study of tool machinery sliding systems; comparison between plane and cylindrical basic shapes*, IOP Conference Series: Materials Science and Engineering- International Conference on Applied Science, Hunedoara– ICAS, **2017**
4. D O Glăvan, I Radu, T Babanatsas, **R M Babanatis Merce**, I Kiss and M C Gaspar, *3D modeling of olive tree and simulating the harvesting forces*, 8th International Conference on Manufacturing Science and Education – MSE 2017 “Trends in New Industrial Revolution”, vol 121, **2017**
5. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *Comparative study of tool machinery sliding systems; comparison between plane and cylindrical basic shapes*, IOP Conference Series: Materials Science and Engineering- International Conference on Applied Science, Hunedoara– ICAS, **2017**

Lucrări indexate BDI

1. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *Comparative research bedframe behavior on a lathe normal variations caused molded or welded to the requests of forced vibrations*, Annals of the University of Petroșani, Mechanical Engineering, vol 17, **2015**, pag 47-52, ISSN 1454-9166, indexată B+
2. T Babanatsas, D O Glăvan, and **R M Babanatis Merce**, *The compared dynamic study of a normal parallel lathe frame made in the welded version and casted version*, Annals of the

University of Petroșani, Mechanical Engineering, vol 17, **2015**, pag 21-26, ISSN 1454-9166, indexată B+

3. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *Study of harvesting methods and necessity of olive harvesting robot*, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XIV, **2016**, ISSN 1584-2673, indexată B+
4. T Babanatsas, D O Glăvan and **R M Babanatis Merce**, *Concept of an automating olive harvesting system*, ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering, Tome IX, **2016**, ISSN: 2067 – 380, indexată B+
5. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *The case for the wireless ad hoc system for positioning and its use in sports*, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XV, **2017**, ISSN 1584-2673, indexată B+

C. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

1. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *Simulate of shaking forces on 3d olive tree model*, Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering, 2016
2. **R M Babanatis Merce**, , T Babanatsas and D O Glăvan, *Study of an automatic selection system of olives*, Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering, 2016
3. T Babanatsas, D O Glăvan, and **R M Babanatis Merce**, *Ad hoc system for positioning in sports alternative solutions*, Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering, 2016
4. D O Glăvan, T Babanatsas and **R M Babanatis Merce**, *Study of molded or welded bedframe behavior on a lathe*, Annals of the University „Aurel Vlaicu” of ARAD, Mechanical Engineering, 2016

Data:
15.01.2018

Semnătura: