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L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Manuela-Roxana DIJMĂRESCU, *Study and Developments on Product Functions and Constructive Characteristics* (Studiu și dezvoltări privind funcțiile și caracteristicile constructive de produs), Universitatea POLITEHNICA din București, 2015.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

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2. Manuela-Roxana Dijmărescu, Marius Vali LAZĂR, *Mechanical Technologies and Equipment – Laboratory support guide*, Editura Printech, ISBN 978-606-23-1592-4, București, 2024.
3. Manuela-Roxana Dijmărescu, *Fundamentals of Products Manufacturing: Theoretical Concepts and Applications*, Editura Printech, ISBN 978-606-23-1593-1, București, 2024.

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

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2. Dijmărescu Manuela-Roxana, Pârvu Corneliu, Gheorghe Marian, *Knowledge Database for Functional Design of Mechanical Products*, *Applied Mechanics and Materials*, Vol. 760, pp. 15-20, 2015, doi: 10.4028/www.scientific.net/AMM.760.15.
3. Dijmărescu Manuela-Roxana, Iliescu Dragoș, Gheorghe Marian, *Functional Design Methodology Based on Knowledge Databases Achievements*, *Applied Mechanics and Materials*, Vol. 809-810, pp. 865-870, 2015, doi: 10.4028/www.scientific.net/AMM.809-810.865.
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7. Dijmărescu Maria-Cristina, Dijmărescu Manuela-Roxana, *Welding Material Selection for a Specific Butt V-Weld by Means of Assisted Stress and Fatigue Calculations*, Advances in Engineering Research, Vol. 93, pp. 61-66, 2016, doi:10.2991/ismems-16.2016.12, WOS: 000391708800012.
8. Popovici Tabita-Dana, Dijmărescu Manuela-Roxana, *Determination of the cutting forces regression functions for milling machining of the X105CrMo17 material*, IOP Conference Series Materials Science and Engineering, Vol. 227, no. 012100, 2017, doi: 10.1088/1757- 899X/227/1/012100, WOS: 000409221600100.
9. Popovici Tabita-Dana, Dijmărescu Manuela-Roxana, *Influence of cutting data on surface quality when machining 17-4 PH stainless steel*, IOP Conference Series-Materials Science and Engineering, Vol. 227, no. 012101, 2017, doi: 10.1088/1757-899X/227/1/012101, WOS: 000409221600101.
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16. M. M. Roșu, Manuela-Roxana Dijmărescu, M. Badea, *The students' satisfaction with their studies and the start of a career in engineering*, Proceedings of the 34th IBIMA Conference - Vision 2025: Education Excellence and Management of Innovations through Sustainable Economic Competitive Advantage, ISBN: 978-0-9998551-4-0, 13-14 November 2019, Madrid, Spain, pp. 1780-1790, WOS:000556337402081.
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23. A. Dumitrescu, Manuela-Roxana Dijmărescu, S. Casorzo, E. Paciello, *Designing Curricula for the New Profile “European Expert in Sustainable Local Development”*, Technium Social Sciences Journal, ISSN: 2668-7798, Vol. 28, pp. 328-338, February 2022, <https://doi.org/10.47577/tssj.v28i1.5871>.
24. M. Gheorghe, F.P.G. Stochioiu, D. Manolache, Manuela-Roxana Dijmărescu and D. Iliescu, *Analysis and development on general structure and characteristics of laser interferometry systems*, IOP Conference Series-Materials Science and Engineering, Vol. 1268, no. 012010, 2022, doi: 10.1088/1757-899X/1268/1/012010.
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26. O.D. Alupei-Cojocariu, A. Banu, M.R. Dijmărescu, D.S. Preda, E. Rusu, P.Z. Iordache, *Advanced solutions for chemical inactivation and safe disposal of sludge after treating liquid waste*, U.P.B. Sci. Bull., Series B, Vol. 86, Iss. 2, 2024, pagini 103-118, ISSN 1454-2331, WOS:001247485400009

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Semnătura: