Lista de lucrări

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției
A.1.1.2. Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN din țară [1] Capitolul de carte să NU fie într-un volum de conferință. Punctaj capitol = 1/4 din punctaj pt. categoria respectivă	Cn1	Olah I., Pal C., Mastacan L., **Dosoftei C.C.**, (2009), Procese şi instalaţii energetice nepoluante, Editura Politehnium, Iasi, 2009, 301 pag., ISBN 978-973-621-164-5
	Cn2	Boțan C., **Dosoftei C.C.**, (2019) Masini si Actionari Electrice, Editura Politehnium, Iasi Romania, 348 pg, ISBN 978-973-621-484-4
	Cn3	**Dosoftei C.C.**, (2019) , Inteligența computațională: principii și aplicații în controlul proceselor, Editura Performantica, Iasi Romania, 182 pg, ISBN 978-606-685-665-2
	Cn4	Postolache M., Horga V., **Dosoftei C.C.**, (2023), Rețele CANopen în automatizări industriale, Editura Universităţii Tehnice "Gheorghe Asachi" din Iaşi 2023, Iasi Romania, 224 pg, ISBN 978-973-621-529-2
	Cn5	Pricop A.T., **Dosoftei C.C.**, (2023), Controlul secvențial al proceselor folosind automate programabile, Editura Galaxia GUTENBERG 2023, Tg. Lăpuș, Romania, 249 pg, ISBN 978-630-6586-62-2
A1.2.1. Material didactic / Lucrări didactice	M1	**Dosoftei C.C.**, Gabor G. (2024), Sisteme distribuite de achiziție, monitorizare și conducere - indrumar de laborator, tiparit 270 pg, ISBN 978-973-621-546-9, Editura Universităţii Tehnice "Gheorghe Asachi" din Iaşi 2024
	M2	**Dosoftei C.C.** - ACŢIONĂRI PNEUMATICE. Notiuni de bază. Aplicaţii practice, tiparit 127 pg, ISBN 978-630-328-094-3,Editura Performantica 2024
A2.1. Articole în reviste cotate ISI şi lucrări în volumele unor manifestări ştiinţifice indexate ISI	ISI 1	Mastacan L., Olah I.,**Dosoftei C.**, Ivana D., "Neuro-Fuzzy Models of Thermoelectric Power Station Installations", *International Conference on Computational Intelligence for Modelling Control and Automation, CIMCA 2005* , 28-30 November 2005, Vienna, Austria, ISBN-13: 978-0-7695-2504-4, Vol I, pp. 899-904
	ISI 2	**Dosoftei C.C.**, Mastacan, L., Olah, I., "Speed Control System using a Fuzzy Logic Controller", *Annals of DAAAM for 2008 & Proceedings of the 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing* , Vienna, Austria 2008, pp. 427-428, ISBN 978-3-901509-68-1, ISSN 1726-9679
	ISI 3	**Dosoftei C.C.**, Mastacan, L., "Graphical Fuzzy Inference Method in Sparse Rule Base", Annals of DAAAM for 2009 & Proceedings of the 20th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing, Vienna, Austria 2009, pp. 1269-1270, ISSN 1726-9679, ISBN 978-3-901509-70-4.
	ISI 4	**Dosoftei, C.C.**, Mastacan, L., "Fuzzy logic controller Cvasi-PD in an optimization process", *11th International Conference on Automatic Control,Modelling and Simulation (ACMOS'09)* , pp 540-543, 2009, ISSN 1790-5117, ISBN 978-960-474-082-6
	ISI 5	Mastacan, L., **Dosoftei C.C.**, "Level Fuzzy Control of Three-Tank System", *19th International Conference on Control Systems and Computer Science, CSCS 2013* , Bucharest , Romania, 2013, vol 1, pp. 30-35, IEEE Computer Society CSS, ISBN 978-0-7695-4980-4
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	ISI 7	Mastacan, L., **Dosoftei C.C.**, "Temperature Intelligent Control based on Soft Computing Technology", *9th International Conference and Exposition on Electrical and Power Engineering, EPE 2016* , Iasi, Romania, pp. 20-25, 2016,ISBN 978-1-5090-6128-0
	ISI 8	Mastacan, L., **Dosoftei C.C.**,"Temperature Fuzzy Control System with Mamdani Controller", *10th International Conference and Exposition on Electrical Engineering, EPE 2018* , Iasi, Romania, pp. 352-356, ISBN 978-1-5386-5061-5, DOI:10.1109/ICEPE.2018.8559861
	ISI 9	**C. -C. Dosoftei**, A. Lupu and C.M. Pascal, "A new approach to create a realistic virtual model of a cylindrical robot using Automation Studio", *2019, 7th International Conference on Modern Technologies in Industrial Engineering (ModTech)* , Book Series: IOP Conference Series-Materials Science and Engineering, Volume 591:012078, DOI: 10.1088/1757-899X/591/1/012078

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BDI 30	A. Dosoftei, L. Bălăuță, A.-T. Popovici, **C.-C. Dosoftei**, "Mechatronic-eXtended Reality Integration: Potential for Medical Rehabilitation Applications", The 11th International Conference on E-Health and Bioengineering - EHB 2023 UMF Iasi, November 9-10, 2023, Bucharest, Romania	
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	BDI 25	G. Gabor, D. -D. Lucache and **C. -C. Dosoftei,** "Learning PLC-based Automation by Using an Educational Elevator," *2022 International Conference and Exposition on Electrical And Power Engineering (EPE)* , 2022, pp. 683-687, doi: 10.1109/EPE56121.2022.9959815.
	BDI 24	Pascal, C., Pănescu, D., **Dosoftei, C.**, "About the applicability of IoT concept for classical manufacturing systems" *In: Borangiu, T., Trentesaux, D., Leitão, P., Cardin, O., Lamouri, S. (eds.) Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future,* pp. 41–52. Springer, Cham (2021). https://doi.org/10.1007/978-3-030-69373-2_2
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	BDI 19	**Dosoftei, C.**, Mastacan, L., "DSP motor fuzzy control application", *Romanian Review Precision Mechanics, Optics and Mechatronics* , n 39, p 25-28, 2011, ISSN 1584-5982, SCIMAGO JOURNAL (scopus)
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	BDI 15	Mastacan, L., **Dosoftei, C.C.**, Olah, I., "PD –like Fuzzy Logic Controller with Look-up Decision Tables and Fuzzy Control Gain", *17ᵗʰ International Conference on Control Systems and Computer Science, CSCS 17* , 2009, Bucureşti, 4 pp., CD-ROM.
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