Listă de articole

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Cele mai relevante 10 lucrări -cronologic

1. C.-M. Ionescu, I. Muntean, J. Tenreiro-Machado, R. De Keyser, and M. Abrudean, "A theoretical study on modeling the respiratory tract with ladder networks by means of intrinsic fractal geometry," IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, vol. 57, no. 2, pp. 246–253, 2010.

2. I. Muntean, M. Unguresan and M. Abrudean, "A N-15 isotopic exchange column simulator using partial derivative equations," 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), 2010, pp. 1-4, doi: 10.1109/AQTR.2010.5520889

3. Savu, A., Muntean, I., Lazea, G., & Agachi, P. Ș. (2011). A study for the implementation of an economic optimization of coking plants. Chemical Engineering Transactions, 24, 409-414. https://doi.org/10.3303/CET1124069

4. I. Muntean, M. L. Unguresan, A. Savu and M. Abrudean, "Modeling and composition estimation of an isotopic distillation column," Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, 2012, pp. 109-113, doi: 10.1109/AQTR.2012.6237684.

5. I. Muntean, S. Stan, M. Abrudean and K. Chao, "Remote Management: An Architecture for Mechatronic Systems," 2013 IEEE 10th International Conference on e-Business Engineering, 2013, pp. 498-503, doi: 10.1109/ICEBE.2013.78.

6. T. Liu, I. Muntean and Y. Wang, "Two-Dimensional Iterative Learning Control for Batch Processes with State Delay and Time-Varying Uncertainties", IFAC Proceedings Volumes, vol. 44, 2011

7. K.-M. Chao, A.E. James, A.G. Nanos, J.-H. Chen, S.-D. Stan, I. Muntean, G. Figliolini, P. Rea, C.B. Bouzgarrou, J. Cooper, J.v. Capelle, "Cloud E-learning for Mechatronics: CLEM", Future Generation Computer Systems, 2015, 48, pp. 46-59

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9. I. Muntean, "On the plantwide control of the Acetone-Chloroform-Benzene-Toluene separation process – a two layer control architecture," 2020 24th International Conference on System Theory, Control and Computing (ICSTCC), 2020, pp. 781-787, doi: 10.1109/ICSTCC50638.2020.9259681

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5. I. Muntean, "On the plantwide control of the Acetone-Chloroform-Benzene-Toluene separation process – a two layer control architecture," 2020 24th International Conference on System Theory, Control and Computing (ICSTCC), 2020, pp. 781-787, doi: 10.1109/ICSTCC50638.2020.9259681
6. I. Muntean, "Proof of concept system for supporting energy efficiency in office buildings", 9th International Conference on Modern Power Systems, Cluj-Napoca, 2021 (presented)"
7. I. Clitan, I.Muntean, "Direct-Current Motor Speed Control Using a PID Discrete Controller", 9th International Conference on Modern Power Systems, Cluj-Napoca, 2021 (presented)
8. R. Both, I.Muntean, "Advanced Control Design for Anti-Lock Braking Systems", 9th International Conference on Modern Power Systems, Cluj-Napoca, 2021 (presented)

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