

Lista lucrărilor publicate – Flavia Fechete

a. Lista lucrărilor

Articole publicate în jurnale ISI

1. Fechete, F.; Nedelcu, A. Multi-Objective Optimization of the Organization's Performance for Sustainable Development. SUSTAINABILITY **2022**, Vol. 14, pp.9179, FI 3.889, SRI (2021)0.823. <https://doi.org/10.3390/su14159179>.
2. Fechete, F., Nedelcu, A., Performance Management Assessment Model for Sustainable Development. SUSTAINABILITY **2019**, Vol. 11, Nr. 10, pp.2779-2806, FI 2.592, SRI (2019)0.62. <https://doi.org/10.3390/su11102779>.

Articole publicate în volumele unor conferințe ISI (ISI PROCEEDINGS)

1. Fechete, F., Nedelcu, A. Model for Determining and Optimizing Delivery Performance in Industrial Systems. COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING INTERNATIONAL CONFERENCE (CoSME'16), MATEC Web of Conferences, Vol.94, Articol Nr. UNSP 06006, 2017. <https://doi.org/10.1051/mateconf/20179406006>
2. Fechete, F., Nedelcu, A., Popescu, M. Improving Organizational Performance Through the Use of the EFQM Excellence Model. INNOVATIVE MANUFACTURING ENGINEERING & ENERGY INTERNATIONAL CONFERENCE (IManEE'14), Applied Mechanics and Materials Journal, Vol. 657, pp. 921-925, 2014. <https://doi.org/10.4028/www.scientific.net/AMM.657.921>
3. Fechete, F., Nedelcu, A. Optimizing Decisional Process by Applying the Multi-Criteria Analysis. INNOVATIVE MANUFACTURING ENGINEERING & ENERGY INTERNATIONAL CONFERENCE (IManEE'14), Applied Mechanics and Materials Journal, Vol. 657, pp. 926-930, 2014. <https://doi.org/10.4028/www.scientific.net/AMM.657.926>

Articole publicate în baze de date internaționale (BDI)

1. Lepadatescu, B., Fechete, F. Study on the influence of cutting fluid on flat grinding process. MACHINES. TECHNOLOGIES. MATERIALS. 2022, 16.7: 231-233. <https://stumejournals.com/journals/mtm/2022/7/231.full.pdf>
2. Lepadatescu, B., Fechete, F. Study Regarding a Theoretical Model of the Machining by Grinding in the Presence of the Cutting Fluid. International Journal of Instrumentation and Measurement, 2022, 7, 5-12. [https://www.iaras.org/iaras/filedownloads/ijim/2022/023-0002\(2022\).pdf](https://www.iaras.org/iaras/filedownloads/ijim/2022/023-0002(2022).pdf)

3. Fechete, F. Analysis of the Influencing Factors in the Production of Parts with Nonconformities. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING, 2021, 6, 79-83. [https://www.iasas.org/iasas/filedownloads/ijme/2021/012-0012\(2021\).pdf](https://www.iasas.org/iasas/filedownloads/ijme/2021/012-0012(2021).pdf)
4. Lepadatescu, B., Fechete, F. Heat generated in the process of abrasion. MACHINES. TECHNOLOGIES. MATERIALS. 2021, 15.5: 185-188. <https://stumejournals.com/journals/mtm/2021/5/185.full.pdf>
5. Fechete, F. Study on the Polyhedral Triangular Tessellation of the Sphere. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING 2020, 5, 25-29. [https://www.iasas.org/iasas/filedownloads/ijme/2020/012-0004\(2020\).pdf](https://www.iasas.org/iasas/filedownloads/ijme/2020/012-0004(2020).pdf)
6. Fechete, F., Nedelcu, A., Analysis of the performance management within industrial systems: a case study. 21ST INNOVATIVE MANUFACTURING ENGINEERING & ENERGY INTERNATIONAL CONFERENCE – IMANE&E 2017), MATEC Web of Conferences, Vol.112, Articol Nr. UNSP 09018, 2017; <https://doi.org/10.1051/matecconf/201711209018>
7. Fechete, F., Nedelcu, A. Improving Industrial Systems Performance by Monitoring Quality Costs. REVIEW OF THE AIR FORCE ACADEMY 2015, Vol.28, Nr.1, pp. 143-148. https://www.afahc.ro/ro/revista/2015_1/143.pdf
8. Fechete, F., Nedelcu, A. Improving the Industrial System Performance by Using the Balanced Scorecard Instrument. APPLIED MECHANICS AND MATERIALS JOURNAL 2015, Vol. 808, pp. 370-375. <https://doi.org/10.4028/www.scientific.net/AMM.808.370>
9. Fechete, F., Nedelcu, A. Improving Technological Process Performance by Using FMEA: A Study Case. APPLIED MECHANICS AND MATERIALS JOURNAL 2015, Vol. 834, pp. 73-78. <https://doi.org/10.4028/www.scientific.net/AMM.834.73>
10. Fechete, F., Nedelcu, A. Modeling the Economic Performance of Industrial Systems Using Mathematical Programming. APPLIED MECHANICS AND MATERIALS JOURNAL 2015, Vol. 809-810, pp. 1553-1558. <https://doi.org/10.4028/www.scientific.net/AMM.809-810.1553>
11. Fechete, F., Nedelcu, A. Economic Performance Assessment Model for Industrial Systems: A Case Study. APPLIED MECHANICS AND MATERIALS JOURNAL 2015, Vol. 760, pp. 683-688. <https://doi.org/10.4028/www.scientific.net/AMM.760.683>
12. Fechete, F., Nedelcu, A. Analysis of the Economic Performance of an Organization Using Multiple Regression. PROCEEDINGS OF THE 16TH INTERNATIONAL CONFERENCE OF SCIENTIFIC RESEARCH AND EDUCATION IN THE AIR FORCE – AFASES 2014, Vol.2, pp.411-416.

b. Teza de doctorat

FECHETE F. Cercetări privind managementul performanței sistemelor industriale, teza de doctorat, Universitatea "TRANSILVANIA" Brașov, 2016.

c. Monografii, cărți

1. Fechete, F., Nedelcu, A. *Ecologie și management de mediu. Îndrumar de laborator*. Editura Universității Transilvania, Brașov, 2019.

A handwritten signature in blue ink, appearing to read 'Fechete', is located in the lower right quadrant of the page.