

## Lista de lucrări

### Articole științifice indexate în WoS/Scopus/ErihPlus:

1. **Mariana-Ioana Maier**, *ALSort – A Software Instrument for Learning Sorting Algorithms*, Acta Didactica Napocensia, 17(1), pp. 73-78, 2024. (ErihPlus)
2. **Mariana-Ioana Maier**, Gabriela Czubula, Lavinia-Ruth Delean, *Using unsupervised learning for mining behavioural patterns from data. A case study for the bacalaureate exam in Romania*, Studies in Informatics and Control, 32(2), pp. 73-84, 2023. (WOS:001031061400007)
3. Gabriela Czubula, George Ciubotariu, **Mariana-Ioana Maier**, Hannelore Lisei, *IntelliDaM: A machine learning based framework for enhancing the performance of decision-making processes. A case study for educational data mining*, IEEE Access, Volume 10, pp. 80651--80666, 2022. (WOS:000840561600001)
4. **Mariana Maier**, Camelia Serban, Andrei Moisin. *Mining Sorting Concept across Curriculum Levels: A Cyclic Learning Based Approach* (2022). The 4th International Workshop on Education through Advanced Software Engineering and Artificial Intelligence, workshop of ESEC/FSE conference, pp. 10-17. (WOS:001124795900003)
5. **Mariana-Ioana Maier**, Gabriela Czubula, Zsuzsanna-Edit Oneț-Marian. *Towards using unsupervised learning for comparing traditional and synchronous online learning in assessing students' academic performance*, Mathematics, Special issue on Didactics and Technology in Mathematical Education, 2021, 9(22), 2870. (WOS:000725704400001)
6. Zsuzsanna Oneț-Marian, Gabriela Czubula, **Mariana Maier**. *Using self-organizing maps for comparing students' academic performance in online and traditional learning environments* (2021). Studies in Informatics and Control, 30(4), pp. 1—11. (WOS:000732461100003)
7. Liana Maria Crivei, Gabriela Czubula, George Ciubotariu, **Mariana Dindelegan**. *Unsupervised learning based mining of academic data sets for students' performance analysis* (2020). IEEE 14th International Symposium on Applied Computational Intelligence and Informatics, SACI 2020, Timisoara, Romania, pp. 457-462. (WOS:000610510000001)
8. Silvia Ferent Pipas, **Mariana Dindelegan**, Bogdan Padurean, Emilia Ciupan, Cornel Ciupan (2014). *Cost calculator for water jet, laser and plasma machining*. Acta Technica Napocensis Series: Applied Mathematics and Mechanics, Volume 57, 2014, March, Issue 1, 73-76. (WOS:000420772600013)

### Teza de doctorat:

- Mining students' behavioural features in multiple learning environments (Extragerea automată a caracteristicilor comportamentale ale educabililor în diferite medii de învățare)

### Alte publicații:

- **Mariana Dindelegan** (2018). *Digital and Coding Literacy for School Students*. Studia UBB Digitalia, Volume 63 (LXIII) 2018, June, Issue 1, 55-68.
- **Mariana I. Dindelegan**, Competențe digitale pentru tabletă. Ghidul profesorului pentru clasele de gimnaziu, Fundația Orange, 2016
- **Mariana I. Dindelegan**, Competențe digitale pentru tabletă. Jurnal de activitate pentru elevii de gimnaziu, Fundația Orange, 2016