

# Publication list with point values

- Ruggeri, Dario; Tazza, Gabriele; Vidács, László**  
*Introducing MLOps to Facilitate the Development of Machine Learning Models in Agronomy: A Case Study*  
**Journal:** IEEE Access  
**Year:** 2025  
**DOI:** 10.1109/ACCESS.2025.3586691  
**MTMT ID:** 36259839  
**Number of authors:** 3  
**Point value:** 1.20  
**Justification:** Three-author paper = 0.60 point. IEEE Access is a Scimago Q1 journal, therefore the score is doubled.
- Tazza, Gabriele; Moro, Francesco; Ruggeri, Dario; Teusink, Bas; Vidács, László**  
*MINN: A Metabolic-Informed Neural Network for Integrating Omics Data into Genome-Scale Metabolic Modeling*  
**Journal:** Computational and Structural Biotechnology Journal  
**Year:** 2025  
**DOI:** 10.1016/j.csbj.2025.08.004  
**MTMT ID:** 36286316  
**Number of authors:** 5  
**Point value:** 0.80  
**Justification:** Five-author paper = 0.40 point. Computational and Structural Biotechnology Journal is a Scimago Q1 journal, therefore the score is doubled.
- Tazza, Gabriele; Ruggeri, Dario; Vidács, László**  
*Improving Microbiome-Based Disease Prediction With SuperTML and Data Augmentation*  
**Journal:** IEEE Access  
**Year:** 2025  
**DOI:** 10.1109/ACCESS.2025.3598868  
**MTMT ID:** 36298343  
**Number of authors:** 3  
**Point value:** 1.20  
**Justification:** Three-author paper = 0.60 point. IEEE Access is a Scimago Q1 journal, therefore the score is doubled.
- Ruggeri, Dario; Vidács, László**  
*Advancing Wheat Single-Nucleotide Polymorphism Data Analysis with Explainable Deep Learning Models*  
**Journal:** Applied Artificial Intelligence  
**Year:** 2025  
**DOI:** 10.1080/08839514.2025.2565169  
**MTMT ID:** 36361216  
**Number of authors:** 2

**Point value:** 0.75

**Justification:** Two-author paper = 0.75 point.

5. **Ruggeri, Dario; Vidács, László**

*KFold Cross-Validation and Early Stopping in Foodomics Neural Networks: Practices, Pitfalls, and Recommendations*

**Journal:** IEEE Access

**Year:** 2025

**DOI:** 10.1109/ACCESS.2025.3623015

**MTMT ID:** 36433434

**Number of authors:** 2

**Point value:** 1.50

**Justification:** Two-author paper = 0.75 point. IEEE Access is a Scimago Q1 journal, therefore the score is doubled.

6. **Ruggeri, D.; Vidács, L.**

*Introducing MLOps to Facilitate Reproducible Model Development on Omics Data*

**Publication type:** Conference paper (chapter in book)

**Conference/Book:** 13th International Conference on Simulation and Modelling in the Food and Bio-Industry, FOODSIM 2024

**Year:** 2024

**Pages:** 198–203

**ISBN:** 9789492859297

**MTMT ID:** 35759409

**Number of authors:** 2

**Point value:** 0.75

**Justification:** Two-author paper = 0.75 point.

**Total point value: 6.20**