



CURRICULUM VITAE

Name and Surname: Damla Övek Baydar
Academic Title: Assistant Professor
Work Address:
Email: 20447273638@biruni.edu.tr
Area of Expertise: Artificial Intelligence, Computer Learning and Pattern Recognition
Bioinformatics

Degree	Department/Program	University	Year
Doctorate	Computer Science and Engineering	Koç University	2024

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Övek Baydar D., Rauluseviciute I., Aronsen D. R., Blanc-mathieu R., Bonthuis I., De Beukelaer H., Ferenc K., Jegou A., Kumar V., Lemma R. B. vd., "JASPAR 2026: expansion of transcription factor binding profiles and integration of deep learning models", *Nucleic Acids Research*, vol. 54, 2026.
- A2.** Övek Baydar D., Keskin O., Gursoy A., "ProInterVal: Validation of Protein-Protein Interfaces through Learned Interface Representations", *Journal of Chemical Information and Modeling*, vol. 64, no. 8, pp. 2979-2987, 2024.
- A3.** Övek Baydar D., Taweel A., Abali Z., Tezsezen E., Koroglu Y. E., Tsai C., Nussinov R., Keskin O., Gursoy A., "SARS-CoV-2 Interactome 3D: A Web interface for 3D visualization and analysis of SARS-CoV-2-human mimicry and interactions", *Bioinformatics*, vol. 38, no. 5, pp. 1455-1457, 2022.
- A4.** Övek Baydar D., Abali Z., Zeylan M. E., Keskin O., Gursoy A., Tuncbag N., "Artificial intelligence based methods for hot spot prediction", *Current Opinion in Structural Biology*, vol. 72, pp. 209-218, 2022.