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Karriera / Arsimi

2021 - Tani Student doktrature, AUT.
2019 – Tani Asistent Lektor ne Departamentin e Matematikes dhe Informatikes, AUT.
2017 – Tani Asistent Lektor Part Time ne Departamentin e Matematikes, Universiteti i Elbasanit.
2013 – Tani Asistent Lektor Part Time ne Departamentin e Inxhinierise Matematikes, UPT.
2013 – 2019 Asistent Lektor ne Departamentin e Matematikes, Universiteti “Ismail Qemali”, Vlore.
2011 – 2013 Master në Inxhinieri Matematike, Universiteti Politeknik i Tiranes.
2008 – 2011 Diplomë Bachelor në Inxhinieri Matematike, Universiteti Politeknik i Tiranes.

Fokusi i Kërkimit Shkencor

Fuzzy Logic, Multi Criteria Decision Making (MCDM) dhe Inteligjence Atrificiale.

Fokusi në Mësimdhënie

Matematike, Matematike e zbatuar, Statistike, Informatike, Softe kompjuterike si Matlab, Stata, etj.

Publikime.

Numri total i publikimeve: 17

🔗 GoogleScholar: <https://scholar.google.com/citations?user=4z1KwiIAAAAJ&hl=en&oi=sra>

🔗 ResearchGate: https://www.researchgate.net/profile/Arianit-Peci?ev=hdr_xprf

🔗 ORCID iD: <https://orcid.org/0009-0008-0972-8213>

Peci, A., Puška, A., Štilić, A., Zana, B., & Pamucar, D. (2025). Evaluating the sustainability and performance dental tourism using fuzzy logic methods. Journal of Decisions and Operations Research, 10(1), 46-66. <https://doi.org/10.22105/dmor.2025.502115.1909>

Peci, A., Zana, B., Parchami, A., Pamučar, D., & Adis, P. (2025). AN AGRICULTURAL CASE STUDY ON BLACK SEED YIELD IN ALBANIA: TESTING CLASSICAL HYPOTHESES VERSUS TESTING FUZZY HYPOTHESES. Operational Research in Engineering Sciences: Theory and Applications, 8(1). <https://doi.org/10.5281/zenodo.16732016>

Peci, A., Puška, A., Marinković, D. i Nedeljković, M. (2025). Evaluation of tractors based on sustainability criteria using multi-criteria decision-making methods. Engineering Review, 45 (1), 131-145. <https://doi.org/10.30765/er.2706>

Peci, A., Dervishaj, B., & Puška, A. (2025). Using Fuzzy Analytic Hierarchy Process and Technique for Order of Preference by Similarity to the Ideal Solution in Performance Evaluation in the Albanian Banking Sector. *Journal of Risk and Financial Management*, 18(3), 116.

<https://doi.org/10.3390/jrfm18030116>

Peci, A., Zanaĵ, B., & Puška, A. (2025). Application of fuzzy LOPCOW and fuzzy MABAC methods for hotel evaluation and ranking in the city of Tirana: an advanced approach for improving the tourist experience. <https://doi.org/10.30546/19023.978-9952-8553-1-9-.2025.9087>.

Peci, A., and Zanaĵ B, (2024): Selection Of The Optimal Coastal Tourist Destination In Albania Using Fuzzy Topsis Method, *Journal Of Economy And Agrobiznes (Jea)*, Volume 1.

Zanaĵ, B., **Peci, A.,** Zanaĵ, E. (2023). Reviewing of different algorithms application with qualitative variables for the different financial indicators. 10th International Conference on Modern Power Systems (MPS). <https://doi.org/10.1109/MPS58874.2023.10187206>

Peci, A., Zanaĵ, B., Biturku, J. (2023). Fuzzy logic in hypothesis testing in agriculture data. *Proceedings Of International Conference On Agriculture And Life Sciences (Icoals 4)*.

Peci, A., Baushi, A. (2023). Finding minimal paths in human brain nerves using graph theory and application in matlab. UKZ Annual Conference 2023, Book of Abstracts/Proceedings of the UKZ Annual Conference 2023, 01-02 June 2023, Gĵilan, Republic of Kosovo.

Zanaĵ, B., **Peci, A.,** & Zanaĵ, E. (2022, September). Observing the different optimizations in communication protocols for more efficient algorithms in Wireless Sensor Networks. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1254, No. 1, p. 012038). IOP Publishing. <https://doi.org/10.1088/1757-899X/1254/1/012038>

Zaka, O., **Peci, A.,** & Kadiu, E. (2021, November). A description of principal component analysis and illustrations with MatLab software. In *3rd International Conference on Agriculture and Life Sciences in Albania (ICOALS III)* within framework of the EU accession process and 70th Anniversary of AUT, Tirana, Albania (pp. 1-3).

Peci, A., Zaka, O., Baushi, A. (2019). A STUDY ON AVERCH-JOHNSON EFFECT ON COBB – DOUGLAS MODEL, AS A PROBLEM OF OPTIMIZING CONDITIONAL, *First International Conference on Research, Application and Educational Methods (REAM 2019)*, <http://raemuniko.com/>