

# L I S T A

## lucrărilor științifice în domeniul disciplinelor din postul didactic

### 1. Teza de doctorat

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### 2. Cărți și capitole în cărți publicate în ultimii 10 ani

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### 3. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. Enachi Andrei, Turcu Cornel, George Culea, Sghera Bogdan Constantin, Ungureanu Andrei Gabriel „Romanian Sign Language and Mime-Gesture Recognition” International Journal of Advanced Computer Science and Applications (IJACSA), Volume 15(8), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150888>;
2. Enachi Andrei, Turcu Corneliu, Culea George, Sghera Bogdan-Constantin, Ungureanu Andrei-Gabriel „HANDS IN MOTION: DEVELOPING A REAL-TIME GESTURE RECOGNITION SYSTEM FOR ENHANCED COMMUNICATION”, 2024 International Conference on Applied Mathematics & Computer Science (ICAMCS), 2024, [10.1109/ICAMCS62774.2024.00019](https://doi.org/10.1109/ICAMCS62774.2024.00019).
3. Enachi Andrei, Cornel Turcu, George Culea, „Trends in the detection and interpretation of human movements and mime-gesture," 2024 International Conference on Development and Application Systems (DAS), Suceava, Romania, 2024, pp. 105-110, doi: [10.1109/DAS61944.2024.10541136](https://doi.org/10.1109/DAS61944.2024.10541136).
4. Enachi Andrei, Turcu, Cornel, Culea, George, Banu, Ioan-Viorel, Andrioaia Dragos-Alexandru, Petru Puiu-Gabriel, Popa Sorin-Eugen „Human Motion Recognition Using Artificial Intelligence Techniques” 12th International Conference on Electronics, Communications and Computing (IC-ECCO), 2022, <https://doi.org/10.52326/ic-ecco.2022/CS.11>.
5. **Enachi Andrei**, Turcu Corneliu, Culea George, Sghera Bogdan-Constantin, Ungureanu Andrei-Gabriel. (2025) Communication Reimagined: Hands in Motion and the Future of Gesture Recognition Systems. *International Journal of Computers*, 10, 14-22, <https://www.iiar.org/home/cijc/communication-reimagined-hands-in-motion-and-the-future-of-gesture-recognition-systems>.
6. Enachi Andrei, T. Corneliu-Octavian, C. George, S. Bogdan-Constantin and U. Andrei-Gabriel, "Real-Time Sign Language Interpretation: Integrating Gesture Recognition with Syntactic Analysis," 2025 25th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2025, pp. 432-437, doi: [10.1109/CSCS66924.2025.00070](https://doi.org/10.1109/CSCS66924.2025.00070).

