# #1: Speech enhancement using long short term memory with trained speech features and adaptive wiener filter (Springer Multimedia Tools and Applications)

# #2: Lip reading of words with lip segmentation and deep learning (Springer Multimedia Tools and Applications)

# #3: ALAMBIC: a privacy-preserving recommender system for electronic commerce (Springer IJIS)

# #4: Partial palm vein based biometric authentication (Elsevier JISA)

# #5: Design and implementation of a new lightweight chaos-based cryptosystem to secure IoT communications (Springer IJIS)

# #6: Malicious code detection in android: the role of sequence characteristics and disassembling methods (Springer IJIS)

# #7: ANS-based compression and encryption with 128-bit security (Springer IJIS)

# #8: Colour image encryption algorithm combining Arnold map, DNA sequence operation, and a Mandelbrot set (Elsevier JISA)

# #9: A pseudo-random bit generator based on chaotic maps enhanced with a bit-XOR operation (Elsevier JISA)

# #10: [Blockchain-based verifiable and dynamic multi-keyword ranked searchable encryption scheme in cloud computing](https://www.sciencedirect.com/science/article/pii/S2214212622001983) (Elsevier JISA)

# #11: [ELAT: Ensemble Learning with Adversarial Training in defending against evaded intrusions](https://www.sciencedirect.com/science/article/pii/S2214212622001934) (Elsevier JISA)

# #12: [A method for decrypting data infected with Hive ransomware](https://www.sciencedirect.com/science/article/pii/S2214212622002319) (Elsevier JISA)

## **#13:** [Privacy-Preserving and Publicly Verifiable Matrix Multiplication](https://ieeexplore.ieee.org/document/9925109/) (IEEE TSC)