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# LIST OF PUBLICATIONS

## Journal Papers

Vinod Kumar, Ravi Shankar Singh, Medara Rambabu, and Yaman Dua. "Deep learning for hyperspectral image classification: A survey." *Computer Science Review* 53 (2024): 100658. [SCIE] [**Impact Factor: 13.3**] DOI:10.1016/j.cosrev.2024.100658.

Vinod Kumar, Ravi Shankar Singh, and Yaman Dua. "Morphologically dilated convolutional neural network for hyperspectral image classification." *Signal Processing: Image Communication* 101 (2022): 116549. [SCIE] [**Impact Factor: 3.4**] DOI: 10.1016/j.image.2021.116549.

Vinod Kumar, Ravi Shankar Singh, Nitika Nigam, Kenny Patel, and Sobi Jain. "Enhancing Hyperspectral image classification through transformer-based contextualization and novel logarithmic convolutional techniques." *Infrared Physics & Technology* (2025): 105826. [SCIE] [**Impact Factor: 3.1**] DOI: 10.1016/j.infrared.2025.105826.

Vinod Kumar, Ravi Singh, Nitika Nigam, and Samujjal Choudhury. "HieraKGTNet: Hierarchical Kaiming-Gaussian Transformer for Imbalanced HSI Classification." *IEEE Transactions on Instrumentation and Measurement*. [SCIE] [**Impact Factor: 5.6**] (**Under Review**)

## Conference Paper

Vinod Kumar, Ravi Singh, Nitika Nigam, Samujjal Choudhury and Rahul Kumar. "CK-GFLNet: A Fast Hybrid Architecture for Hyperspectral Image Classification Leveraging Kaiming-Gaussian Attention." *6<sup>th</sup> International Conference on Machine Learning, Image Processing, Network Security, and Data Sciences (MIND2024)*. [Scopus] (**Accepted**).