List of Abbreviations

|  |  |
| --- | --- |
| **Abbreviations** | **Full Description** |
| AA | Average Accuracy |
| ASK | Adaptive Scalable Kernel |
| AVIRIS | Airborne Visible Infrared Imaging Spectrometer |
| CR | Collaborative Representation |
| DF | Decision Fusion |
| DTF | Domain Transform Filter |
| EMAP | Extended Multi-Attribute Profile |
| EPF | Edge Preserving Filter |
| ERS | Entropy Rate Segmentation |
| FF  | Feature Fusion |
| HiFi  | Hierarchical Guidance Filtering |
| HSI  | Hyperspectral Image |
| IFRF  | Image Fusion and Recursive Filtering |
| IID  | Intrinsic Image Decomposition |
| JCR | Joint Collaborative Representation |
| JSACR | Joint Spatial Aware Collaborative Representation |
| PCA  | Principal Component Analysis |
| PKCR  | Probabilistic Kernel Collaborative Representation |
| PMKCR | Probabilistic Multi-Kernel Collaborative Representation |
| PPS | Pixels Per Superpixel |
| RBF | Radial Basis Function |
| SACR  | Spatial Aware Collaborative Representation |
| SMKCR | Superpixel-guided Multiscale Kernel Collaborative Representation |
| SP  | Superpixel |
| STD | Standard Deviation |
| OA | Overall Accuracy |