

List of Abbreviations

<i>Symbol</i>	<i>Description</i>
BoVW	Bag of Visual Words
CC	Connected Component
CLPSD	Character Lowermost Point Standard Deviation
CNN	Convolution Neural Network
CRF	Conditional Random Field
DCM	Dissimilarity Counter Method
GSC	Gradient, Structural and Concavity
GSCM	Grey-Scale Co-Occurrence Matrix
HMM	Hidden Markov Model
HMT	Hidden Markov Tree
ICR	Intelligent Character Recognition
IFK	Improved Fisher Kernels
KLD	Kullback-Leibler Distance
LLC	Locality-constrained Linear Coding
MGF	Multi-channel Gabor Filtering
MLP	Multi-Layer Perceptron
MRF	Markov Random Field
OCR	Optical Character Recognition
PCA	Principal Component Analysis
PDF	Probability Density Function
RLSA	Run Length Smoothing Algorithm
SDLFD	Spectrum-Domain Local Fluctuation Detection
SGONG	Self-Growing and Self-Organized Neural Gas
SIFT	Scale-Invariant Feature Transform
SVM	Support Vector Machine
SOF	Sorted Order of Features
SOM	Self-Organizing Map
TAS	Triple-Adjacent-Segment
UBM	Universal Background Model
VLAD	Vectors of Locally Aggregated Descriptors
WED	Weighted Euclidean Distance
WEKA	Waikato Environment for Knowledge Analysis

