References


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Appendix A

List of Abbreviations

anti-VEGF \(\text{anti-Vascular Endothelial Growth Factor}\)
CI \(\text{Confidence Interval}\)
CLAHE \(\text{Contrast-Limited Adaptive Histogram Equalization}\)
CSME \(\text{Clinically Significant Macular Oedema}\)
DoG \(\text{Difference of Gaussian}\)
ETDRS \(\text{Early Treatment Diabetic Retinopathy Study}\)
FCM \(\text{Fuzzy c-means}\)
FN \(\text{False Negative}\)
FP \(\text{False Positive}\)
GVF \(\text{Gradient Vector Flow}\)
HMA \(\text{Haemorrhages and Microaneurysms}\)
HSI \(\text{Hue, Saturation and Intensity}\)
IRMA \(\text{Intra Retinal Microvascular Abnormality}\)
\(k\)NN \(\text{\(k\)-nearest neighbor}\)
logMAR \(\text{logarithm of Minimum Angle of Resolution}\)
MAP \(\text{Maximum a Posteriori}\)
NN \(\text{Nearest Neighbor}\)
NPDR \(\text{Non-Proliferative Diabetic Retinopathy}\)
NVD \(\text{New Vessels on the Disc}\)
NVE \(\text{New Vessels Elsewhere}\)
PCA \(\text{Principle Component Analysis}\)
PDR \(\text{Proliferative Diabetic Retinopathy}\)
PRP \(\text{Pan-Retinal Photocoagulation}\)
PLR \(\text{Precision(Positive) Likelihood Ratio}\)
PPV \(\text{Precision(Positive) Predictive Value}\)
RBF \(\text{Radial Basis Function}\)
RGB \(\text{Red, Green and Blue}\)
RRGS \(\text{Recursive Region Growing Segmentation}\)
SVMs \(\text{Support Vector Machines}\)
TN \(\text{True Negative}\)
TP \(\text{True Positive}\)
WEKA \(\text{Waikato Environment for Knowledge Analysis}\)
Appendix B

List of Publications

A.1 International Journals


A.2 International Conferences


A.3 National Conferences