Person re-identification (ReID) aims at matching anonymous data with other available information to
discover the connection among these de-identified data. Existing methods for ReID tend to rely heavily
on the assumption that both query and gallery images of the same person have the same clothing.
Unfortunately, this assumption limits the use of ReID in daily scenes. To tackle the re-ID problem in
the context of clothing changes, this paper presents a novel deep learning architecture for Cloth
Changing Re-identification from a single image. The main contribution of this work is a two-step
retrieving-verification framework for hard sample learning, a novel ranking method that considers both
retrieving and verification results, and an image verification network specially designed for Cloth
Changing Re-identification Problem. Furthermore, a comprehensive evaluation is given to verify the
effectiveness of our model. We outperform state-of-the-art methods by a large margin on both
synthetic and realistic datasets.