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within medical image computing. Here, we will first overview preventative and precision medicine and field of deep learning. Afterwards, we will share our perspective on recent research and development activities in ... CNNs have made feasible large-scale medical image parsing and tagging (over thousands or tens of thousands of patients and ...

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MICCAI Society | Medical Image Computing and Computer

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130, Le Lu, Adam P. Harrison, " Deep Medical Image Computing in Preventive and Precision Medicine ", IEEE Multimedia Magazine, (invited paper, pdf) Nov. 2018 129, Ke Yan* , Xiaosong Wang* , Le Lu , Ronald M. Summers , " DeepLesion: Automated Mining of Large-scale Lesion Annotations and Universal Lesion Detection with Deep Learning " , Journal ...

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