

# Download Medical Image Computing And Computer Assisted Intervention Miccai 2011 14th International Conference

My research interests fall into the general areas of visual computing. I'm particularly interested in the problems which require geometric analysis and computation. I have applied geometric approaches to a wide spectrum of engineering fields, including computer graphics, computer-aided design. Artificial intelligence (AI) algorithms, particularly deep learning, have demonstrated remarkable progress in image-recognition tasks. Methods ranging from convolutional neural networks to ...1. Introduction. Cancer is a major reason to cause death in the world and a survey performed by American Cancer Society (ACS) shows that approximate 600,920 people are expected to die from cancers in USA in 2017 . Thus, fighting against the cancers is a big challenge faced by both research scientists and clinic doctors . Early detection plays a ...Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real-world are "augmented" by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory, and olfactory.