Yong Yang
Clinical Professor, Radiation Oncology - Radiation Physics

Bio

ACADEMIC APPOINTMENTS
• Clinical Professor, Radiation Oncology - Radiation Physics

Publications

PUBLICATIONS

• Dose Distribution Prediction in Isodose Feature-Preserving Voxelization Domain Using Deep Convolutional Neural Network. Medical physics
  Ma, M., Buyyounouski, M. K., Vasudevan, V., Xing, L., Yang, Y.
  2019

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  Ma, M., Kovalchuk, N., Buyyounouski, M. K., Xing, L., Yang, Y.
  2019

• Markerless pancreatic tumor target localization enabled by deep learning. International journal of radiation oncology, biology, physics
  Zhao, W., Shen, L., Han, B., Yang, Y., Cheng, K., Toesca, D. A., Koong, A. C., Chang, D. T., Xing, L.
  2019

• Dosimetric Features-Driven Machine Learning Model for DVHs Prediction in VMAT Treatment Planning. Medical physics
  Ma, M., Kovalchuk, N., Buyyounouski, M. K., Xing, L., Yang, Y.
  2018

• Feasibility of optimizing intensity-modulated radiation therapy plans based on measured mucosal dose adjacent to dental fillings and toxicity outcomes JOURNAL OF APPLIED CLINICAL MEDICAL PHYSICS
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• Cumulative dose of radiation therapy of hepatocellular carcinoma patients and its deterministic relation to radiation-induced liver disease MEDICAL DOSIMETRY
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- Model-based image reconstruction for four-dimensional PET. *Medical Physics*  
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