List of Publications - Elias Eulig

Legend

Peer reviewed paper   pr
Conference contribution   cc

Publications

[1]
cc
Elias Eulig, J. Maier, A. Hahn, and M. Kachelrieß. Deep Inpainting for Photon-Counting Cone-Beam CT. *Program of the 105th Scientific Assembly and Annual Meeting of the RSNA*, November 2018a

[2]
cc
J. Maier, **Elias Eulig**, S. Sawall, and M. Kachelrieß. Deep Scatter Estimation (DSE) for Truncated Cone-Beam CT (CBCT). *Program of the 105th Scientific Assembly and Annual Meeting of the RSNA*, November 2018b

[3]
cc
J. Maier, **Elias Eulig**, S. Dorn, S. Sawall, and M. Kachelrieß. Real-time patient-specific ct dose estimation using a deep convolutional neural network. *IEEE 2018 NSS/MIC/RTSD*, November 2018c

[4]
pr
J. Maier, **Elias Eulig**, T. Vöth, M. Knaup, S. Sawall, and M. Kachelrieß. Deep Scatter Estimation: Accurate Real-Time Scatter Estimation for CT and Cone Beam CT using a Deep Convolutional Neural Network. *Medical Physics*, 2018

[5]
cc
Elias Eulig, J. Maier, M. Knaup, T. Koenig, K. Hörndler, and M. Kachelrieß. Deep DSA: Learning digital subtraction angiography for static and dynamic acquisition protocols using a deep convolutional neural network. *Program of the 25th European Congress of Radiology (ECR)*, February 2019

[6]
cc
J. Maier, **Elias Eulig** Sabrina Dorn, S. Sawall, and M. Kachelrieß. Real-time patient-specific CT dose estimation for single- and dual-source CT using a deep convolutional neural network. *Program of the 25th European Congress of Radiology (ECR)*, February 2019

[7]
cc
Elias Eulig, J. Maier, M. Knaup, T. Koenig, K. Hörndler, and M. Kachelrieß. Learned digital subtraction angiography (Deep DSA): Method and application to lower extremities. *15th International Meeting on Fully Three-Dimensional Image Reconstruction*, June 2019

[8]
cc
Elias Eulig, J. Maier, N. R. Bennett, , M. Knaup, K. Hörndler, A. Wang, and M. Kachelrieß. Deep Learning-Aided CBCT Image Reconstruction of Interventional Material from Four X-Ray Projections. *SPIE Medical imaging: Physics of medical imaging.*, February 2020