Ehsan Samei

Refereed journal publications:


J127. Richard S, Yadava G, Murphy S, Samei E. Towards task-based assessment of CT performance: system and object MTF across different reconstruction algorithms. *Medical Physics* 39(7), 4115-4121, 2012. This article was selected as Editor's Pick as a top article in the journal issue.


J181. Kiarashi N, Nolte AC, Sturgeon GM, Segars WP, Ghate SV, Nolte LW, Samei E, Lo JY. Development of realistic physical breast phantoms matched to virtual breast phantoms based on human subject data. *Medical Physics* 42: 4116, 2015. This article was selected as a featured paper as a top article in the journal issue.


J188. Tian X, Samei E. Accurate assessment and prediction of noise in clinical CT images. *Medical Physics* 43(1): 475-482, 2016. This article was selected as a featured paper as a top article in the journal issue.


J206. Solomon J, Ba A, Bochud F, Samei E. Comparison of low-contrast detectability between two CT reconstruction algorithms using voxel-based 3D printed textured phantoms. *Medical Physics* 43 (12): 6497-6506, 2016. This article was selected as a featured paper as a top article in the journal issue.


**Refereed full-length proceedings papers:**


Fu W, Tian X, Segars WP, Goodsitt M, Kazerooni E, Samei E. Evaluation of the dose reduction potential using a breast positioning technique for organ-based tube current modulated CT examinations. SPIE...


