

# Cem Altunbas

## List of Publications by Year in descending order

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16  
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docs citations

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times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Megavoltage cross-scatter rejection and correction using 2D antiscatter grids in kilovoltage CBCT imaging. , 2022, 12031, .		1
2	A unified scatter rejection and correction method for cone beam computed tomography. Medical Physics, 2021, 48, 1211-1225.	3.0	15
3	Evaluation of scatter rejection and correction performance of 2D antiscatter grids in cone beam computed tomography. Medical Physics, 2021, 48, 1846-1858.	3.0	13
4	Simulation of x-ray induced acoustic imaging for absolute dosimetry: Accuracy of image reconstruction methods. Medical Physics, 2020, 47, 1280-1290.	3.0	18
5	Simultaneous scatter rejection and correction method using 2D antiscatter grids for CBCT. , 2020, 11312, .		7
6	Effect of grid geometry on the transmission properties of 2D grids for flat detectors in CBCT. Physics in Medicine and Biology, 2019, 64, 225006.	3.0	12
7	A novel total variation based ring artifact suppression method for CBCT imaging with two-dimensional antiscatter grids. Medical Physics, 2019, 46, 2181-2193.	3.0	8
8	Two-dimensional antiscatter grid: A novel scatter rejection device for Cone-beam computed tomography. Medical Physics, 2018, 45, 529-534.	3.0	20
9	Transmission characteristics of a two dimensional antiscatter grid prototype for <scp>CBCT</scp>. Medical Physics, 2017, 44, 3952-3964.	3.0	23
10	Radiation dose uncertainty and correction for a mouse orthotopic and xenograft irradiation model. International Journal of Radiation Biology, 2016, 92, 50-56.	1.8	3
11	Should we customize PTV expansions for BMI? Daily cone beam computerized tomography to assess organ motion in postoperative endometrial and cervical cancer patients. Reports of Practical Oncology and Radiotherapy, 2016, 21, 195-200.	0.6	3
12	Hedgehog Signaling Drives Radioresistance and Stroma-Driven Tumor Repopulation in Head and Neck Squamous Cancers. Cancer Research, 2014, 74, 7024-7036.	0.9	59
13	Reduction of ring artifacts in CBCT: Detection and correction of pixel gain variations in flat panel detectors. Medical Physics, 2014, 41, 091913.	3.0	22
14	Evaluation of threshold and gradient based 18F-fluoro-deoxy-2-glucose hybrid positron emission tomographic image segmentation methods for liver tumor delineation. Practical Radiation Oncology, 2014, 4, 217-225.	2.1	1
15	Rotational setup errors in pediatric stereotactic radiation therapy. Practical Radiation Oncology, 2013, 3, 194-198.	2.1	3
16	Dosimetric errors during treatment of centrally located lung tumors with stereotactic body radiation therapy: Monte Carlo evaluation of tissue inhomogeneity corrections. Medical Dosimetry, 2013, 38, 436-441.	0.9	9