

# Cem Altunbas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10381964/publications.pdf>

Version: 2024-02-01

16  
papers

217  
citations

1040056

9  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

278  
citing authors

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