Isabelle Fitton

List of Publications by Year
in descending order

20 papers	**915** citations	758635 **12** h-index	839053 **18** g-index
20 all docs	**20** docs citations	**20** times ranked	**1342** citing authors

#	Article	IF	Citations
1	Technical note: Design and initial evaluation of a novel physical breast phantom to monitor image quality in digital breast tomosynthesis. Medical Physics, 2022, , .	1.6	2
2	Impact of ancillary shielding barriers on ionizing radiation exposure of vascular surgeons during complex endovascular aortic procedures.. European Journal of Vascular and Endovascular Surgery, 2022, , .	0.8	1
3	Efficacy of Chest CT for COVID-19 Pneumonia Diagnosis in France. Radiology, 2021, 298, E81-E87.	3.6	57
4	COVID-19 impact assessment on the French radiological centers: a nationwide survey. European Radiology, 2020, 30, 6537-6544.	2.3	14
5	Synthesis and activation of an iron oxide immobilized drug-mimicking reporter under conventional and pulsed X-ray irradiation conditions. RSC Advances, 2020, 10, 3366-3370.	1.7	3
6	Cumulative radiation dose after lung transplantation in patients with cystic fibrosis. Diagnostic and Interventional Imaging, 2019, 100, 287-294.	1.8	13
7	Experimental evaluation of seven quality control phantoms for digital breast tomosynthesis. Physica Medica, 2019, 57, 137-144.	0.4	12
8	Impact of coronal and sagittal views on lung gross tumor volume delineation. Physica Medica, 2016, 32, 1082-1087.	0.4	2
9	Breast Dose Reduction Options During Thoracic CT: Influence of Breast Thickness. American Journal of Roentgenology, 2015, 204, W421-W428.	1.0	14
10	Detection of residual packets in cocaine body packers: low accuracy of abdominal radiography—a prospective study. European Radiology, 2013, 23, 2146-2155.	2.3	21
11	Semi‐automatic delineation using weighted CT‐MRI registered images for radiotherapy of nasopharyngeal cancer. Medical Physics, 2011, 38, 4662-4666.	1.6	21
12	Uterine Artery Embolization for Leiomyomata: Optimization of the Radiation Dose to the Patient Using a Flat-Panel Detector Angiographic Suite. CardioVascular and Interventional Radiology, 2010, 33, 949-954.	0.9	20
13	Decreased 3D observer variation with matched CT-MRI, for target delineation in Nasopharynx cancer. Radiation Oncology, 2010, 5, 21.	1.2	67
14	Impact of Anatomical Location on Value of CT–PET Co-Registration for Delineation of Lung Tumors. International Journal of Radiation Oncology Biology Physics, 2008, 70, 1403-1407.	0.4	198
15	Retrospective attenuation correction of PET data for radiotherapy planning using a free breathing CT. Radiotherapy and Oncology, 2007, 83, 42-48.	0.3	9
16	Reduction of observer variation using matched CT-PET for lung cancer delineation: A three-dimensional analysis. International Journal of Radiation Oncology Biology Physics, 2006, 64, 435-448.	0.4	289
17	Observer variation in target volume delineation of lung cancer related to radiation oncologist–computer interaction: A 'Big Brother' evaluation. Radiotherapy and Oncology, 2005, 77, 182-190.	0.3	145
18	Impact of knee support and shape of tabletop on rectum and prostate position. International Journal of Radiation Oncology Biology Physics, 2004, 60, 1364-1372.	0.4	22

#	Article	IF	Citations
19	\<title\>Regional myocardial wall thickening of the left ventricle from segmentation of echocardiographic images\</title\>. , 2001, , .		5
20	Method of myocardial velocities measurements based on combination of echocardiography and Doppler tissue imaging. , 0, , .		0