

Yusuf E Erdi

List of Publications by Year in descending order

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41
papers

5,541
citations

156536

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41
docs citations

41
times ranked

4569
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning and Domain-Specific Knowledge to Segment the Liver from Synthetic Dual Energy CT Iodine Scans. <i>Diagnostics</i> , 2022, 12, 672.	1.3	1
2	Task Group 174 Report: Utilization of [¹⁸ F]Fluorodeoxyglucose Positron Emission Tomography ([¹⁸ F]Tj ETQq0 0 0 rgBT /Overlock 10 T	1.65	13
3	Performance of primary diagnostic monitors (PDMs) over time. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 180-185.	0.8	0
4	Rapid switching kVp dual energy CT: Value of reconstructed dual energy CT images and organ dose assessment in multiphasic liver CT exams. <i>European Journal of Radiology</i> , 2018, 102, 102-108.	1.2	21
5	The assessment and characterization of the built-in internal photometer of primary diagnostic monitors. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 170-175.	0.8	2
6	A comparison of pediatric and adult CT organ dose estimation methods. <i>BMC Medical Imaging</i> , 2017, 17, 28.	1.4	40
7	An iterative technique to segment PET lesions using a Monte Carlo based mathematical model. <i>Medical Physics</i> , 2009, 36, 4803-4809.	1.6	51
8	Estimating Radiation Doses to the Skin from Interventional Radiology Procedures for a Patient Population with Cancer. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 782-788.	0.2	21
9	Reproducibility of Intratumor Distribution of ¹⁸ F-Fluoromisonidazole in Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 235-242.	0.4	209
10	Respiratory Motion in Positron Emission Tomography/Computed Tomography: A Review. <i>Seminars in Nuclear Medicine</i> , 2008, 38, 167-176.	2.5	281
11	Deep-Inspiration Breath-Hold PET/CT: Clinical Findings with a New Technique for Detection and Characterization of Thoracic Lesions. <i>Journal of Nuclear Medicine</i> , 2007, 48, 712-719.	2.8	87
12	Design of respiration averaged CT for attenuation correction of the PET data from PET/CT. <i>Medical Physics</i> , 2007, 34, 2039-2047.	1.6	36
13	Radiation dose reduction at a price: the effectiveness of a male gonadal shield during helical CT scans. <i>BMC Medical Imaging</i> , 2007, 7, 5.	1.4	23
14	Evaluation of an automated deformable image matching method for quantifying lung motion in respiration-correlated CT images. <i>Medical Physics</i> , 2006, 33, 369-376.	1.6	59
15	Does registration of PET and planning CT images decrease interobserver and intraobserver variation in delineating tumor volumes for non-“small-cell lung cancer?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 70-75.	0.4	149
16	Validation of GATE Monte Carlo simulations of the GE Advance/Discovery LS PET scanners. <i>Medical Physics</i> , 2005, 33, 198-208.	1.6	119
17	Effect of motion on tracer activity determination in CT attenuation corrected PET images: A lung phantom study. <i>Medical Physics</i> , 2005, 32, 2358-2362.	1.6	66
18	Intensity of ¹⁸ Fluorodeoxyglucose Uptake in Positron Emission Tomography Distinguishes Between Indolent and Aggressive Non-Hodgkin-“s Lymphoma. <i>Journal of Clinical Oncology</i> , 2005, 23, 4643-4651.	0.8	462

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19	Attenuation correction of PET images with respiration-averaged CT images in PET/CT. Journal of Nuclear Medicine, 2005, 46, 1481-7.	2.8	164
20	Quantitation of respiratory motion during 4D-PET/CT acquisition. Medical Physics, 2004, 31, 1333-1338.	1.6	204
21	High-tech will improve radiotherapy of NSCLC: A hypothesis waiting to be validated. International Journal of Radiation Oncology Biology Physics, 2004, 60, 3-7.	0.4	37
22	Measurement of lung tumor motion using respiration-correlated CT. International Journal of Radiation Oncology Biology Physics, 2004, 60, 933-941.	0.4	200
23	Four-dimensional (4D) PET/CT imaging of the thorax. Medical Physics, 2004, 31, 3179-3186.	1.6	300
24	PET performance measurements for an LSO-based combined PET/CT scanner using the National Electrical Manufacturers Association NU 2-2001 standard. Journal of Nuclear Medicine, 2004, 45, 813-21.	2.8	39
25	The CT motion quantitation of lung lesions and its impact on PET-measured SUVs. Journal of Nuclear Medicine, 2004, 45, 1287-92.	2.8	189
26	PET/CT: a new imaging technology in nuclear medicine. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1419-1437.	3.3	133
27	Respiratory Artefact Causing Malpositioning of Liver Dome Lesion in Right Lower Lung. Clinical Nuclear Medicine, 2003, 28, 943-944.	0.7	47
28	Reduction of respiratory motion artifacts in PET imaging of lung cancer by respiratory correlated dynamic PET: methodology and comparison with respiratory gated PET. Journal of Nuclear Medicine, 2003, 44, 1644-8.	2.8	111
29	Radiotherapy treatment planning for patients with non-small cell lung cancer using positron emission tomography (PET). Radiotherapy and Oncology, 2002, 62, 51-60.	0.3	321
30	Effect of respiratory gating on reducing lung motion artifacts in PET imaging of lung cancer. Medical Physics, 2002, 29, 366-371.	1.6	259
31	Effect of respiratory gating on quantifying PET images of lung cancer. Journal of Nuclear Medicine, 2002, 43, 876-81.	2.8	253
32	FDG-PET standardized uptake values in normal anatomical structures using iterative reconstruction segmented attenuation correction and filtered back-projection. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 155-164.	2.2	124
33	Use of PET to monitor the response of lung cancer to radiation treatment. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 861-866.	3.3	108
34	Red marrow dosimetry for radiolabeled antibodies that bind to marrow, bone, or blood components. Medical Physics, 2000, 27, 2150-2164.	1.6	60
35	Tumor Burden Assessment with Positron Emission Tomography with [18-F] 2-fluoro 2-deoxyglucose (FDG PET) Modeled in Metastatic Renal Cell Cancer. Molecular Imaging and Biology, 2000, 3, 57-65.	0.3	24
36	Quantitative Imaging of Yttrium-86 with PET The Occurrence and Correction of Anomalous Apparent Activity in High Density Regions. Molecular Imaging and Biology, 2000, 3, 85-90.	0.3	50

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37	A Coordinate System for Tumor Identification in Positron Emission Tomography (PET) Imaging. Molecular Imaging and Biology, 2000, 3, 131-136.	0.3	2
38	Tumor Treatment Response Based on Visual and Quantitative Changes in Global Tumor Glycolysis Using PET-FDG Imaging The Visual Response Score and the Change in Total Lesion Glycolysis. Molecular Imaging and Biology, 1999, 2, 159-171.	0.3	516
39	Radiation Dose Assessment for I-131 Therapy of Thyroid Cancer Using I-124 PET Imaging. Molecular Imaging and Biology, 1999, 2, 41-46.	0.3	71
40	Segmentation of lung lesion volume by adaptive positron emission tomography image thresholding. Cancer, 1997, 80, 2505-2509.	2.0	377
41	Segmentation of lung lesion volume by adaptive positron emission tomography image thresholding. Cancer, 1997, 80, 2505-2509.	2.0	312