

Peter L Kench

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

785
citations

759233
12
h-index

526287
27
g-index

39
all docs

39
docs citations

39
times ranked

796
citing authors

#	ARTICLE	IF	CITATIONS
1	Small animal SPECT and its place in the matrix of molecular imaging technologies. Physics in Medicine and Biology, 2005, 50, R45-R61.	3.0	286
2	A prototype coded aperture detector for small animal SPECT. IEEE Transactions on Nuclear Science, 2002, 49, 2167-2171.	2.0	112
3	Respiratory Motion Compensation for PET/CT with Motion Information Derived from Matched Attenuation-Corrected Gated PET Data. Journal of Nuclear Medicine, 2018, 59, 1480-1486.	5.0	54
4	Screening Mammography: Test Set Data Can Reasonably Describe Actual Clinical Reporting. Radiology, 2013, 268, 46-53.	7.3	42
5	Development of an organ-specific insert phantom generated using a 3D printer for investigations of cardiac computed tomography protocols. Journal of Medical Radiation Sciences, 2018, 65, 175-183.	1.5	42
6	Assessing reader performance in radiology, an imperfect science: Lessons from breast screening. Clinical Radiology, 2012, 67, 623-628.	1.1	25
7	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. Radiation Protection Dosimetry, 2018, 182, 532-545.	0.8	20
8	Reducing Radiation Exposure to Paediatric Patients Undergoing [18F]FDG-PET/CT Imaging. Molecular Imaging and Biology, 2021, 23, 775-786.	2.6	17
9	Peer assessment of individual contributions to a group project: Student perceptions. Radiography, 2009, 15, 158-165.	2.1	15
10	Radiation dose and diagnostic image quality associated with iterative reconstruction in coronary CT angiography: A systematic review. Journal of Medical Imaging and Radiation Oncology, 2016, 60, 459-468.	1.8	15
11	DIAGNOSTIC REFERENCE LEVELS IN CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY: A SYSTEMATIC REVIEW. Radiation Protection Dosimetry, 2018, 178, 63-72.	0.8	14
12	An investigation of inconsistent projections and artefacts in multi-pinhole SPECT with axially aligned pinholes. Physics in Medicine and Biology, 2011, 56, 7487-7503.	3.0	13
13	Diagnostic reference levels for ^{18}F -FDG whole body PET/CT procedures: Results from a survey of 12 centres in Australia and New Zealand. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 291-299.	1.8	13
14	Mammography test sets: Reading location and prior images do not affect group performance. Clinical Radiology, 2014, 69, 397-402.	1.1	11
15	Health science students' time organization and management skills: a cross-disciplinary investigation. Medical Teacher, 2003, 25, 47-53.	1.8	9
16	Strict X-ray beam collimation for facial bones examination can increase lens exposure. British Journal of Radiology, 2012, 85, e497-e505.	2.2	9
17	ESTABLISHING DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY IN SAUDI ARABIA. Radiation Protection Dosimetry, 2018, 181, 129-134.	0.8	9
18	DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC CT ANGIOGRAPHY IN AUSTRALIA. Radiation Protection Dosimetry, 2018, 182, 525-531.	0.8	8

#	ARTICLE	IF	CITATIONS
19	High-resolution imaging of the large non-human primate brain using microPET: a feasibility study. Physics in Medicine and Biology, 2007, 52, 6627-6638.	3.0	7
20	Projection Process Modelling for Iterative Reconstruction of Pinhole SPECT. IEEE Transactions on Nuclear Science, 2010, 57, 2578-2586.	2.0	7
21	The associated factors for radiation dose variation in cardiac CT angiography. British Journal of Radiology, 2019, 92, 20180793.	2.2	7
22	Optimization of 99m Tc whole-body SPECT/CT image quality: A phantom study. Journal of Applied Clinical Medical Physics, 2022, , e13528.	1.9	7
23	Breast Screen New South Wales Generally Demonstrates Good Radiologic Viewing Conditions. Journal of Digital Imaging, 2013, 26, 759-767.	2.9	6
24	Integrating mammographic breast density in glandular dose calculation. British Journal of Radiology, 2018, 91, 20180032.	2.2	6
25	An Australian local diagnostic reference level for paediatric whole-body ¹⁸ F-FDG PET/CT. British Journal of Radiology, 2019, 92, 20180879.	2.2	6
26	Implementation of a Spatially-Variant and Tissue-Dependent Positron Range Correction for PET/CT Imaging. Frontiers in Physiology, 2022, 13, 818463.	2.8	6
27	Evaluation of an integrated 3D-printed phantom for coronary CT angiography using iterative reconstruction algorithm. Journal of Medical Radiation Sciences, 2020, 67, 170-176.	1.5	4
28	Increasing iterative reconstruction strength at low tube voltage in coronary CT angiography protocols using 3D-printed and Catphan®500 phantoms. Journal of Applied Clinical Medical Physics, 2020, 21, 209-214.	1.9	4
29	Impact of hybrid SPECT/CT imaging on the detection of single parathyroid adenoma. Proceedings of SPIE, 2011, , .	0.8	2
30	Design Considerations of Small-Animal SPECT Cameras. , 2014, , 135-162.		2
31	Imaging prior to radiotherapy impacts in-vitro survival. Physics and Imaging in Radiation Oncology, 2020, 16, 138-143.	2.9	2
32	Test set readings predict clinical performance to a limited extent: preliminary findings. Proceedings of SPIE, 2013, , .	0.8	1
33	Precision imaging—its impact on image quality and diagnostic confidence in breast ultrasound examinations. British Journal of Radiology, 2015, 88, 20140340.	2.2	1
34	An investigation of 68Ga positron range correction through de-blurring: A simulation study. , 2018, , .		1
35	Direct Estimation of Neurotransmitter Activation Parameters in Dynamic PET Using Regression Neural Networks. , 2019, , .		1
36	Preclinical PET and SPECT. Imaging in Medical Diagnosis and Therapy, 2017, , 413-438.	0.0	1

#	ARTICLE	IF	CITATIONS
37	Maximizing the Useful Field of View of the microPET: Feasibility of Imaging Large Animals. , 2006, , .		0
38	3D molecular breast imaging using a high-resolution dedicated cardiac SPECT camera. , 2013, , .		0
39	Feasibility of motion-corrected planar projection imaging of single photon emitters: A phantom study. , 2014, , .		0