Greta

List of Publications by Year
in descending order

45	552	687363	713466
papers	citations	13	21
		h-index	g-index

46	46	46	612
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Gaussian Analysis of Diffusion Weighted Imaging in Head and Neck at 3T: A Pilot Study in Patients with Nasopharyngeal Carcinoma. PLoS ONE, 2014, 9, e87024.	2.5	72
2	Quantitative Imaging for Targeted Radionuclide Therapy Dosimetry - Technical Review. Theranostics, 2017, 7, 4551-4565.	10.0	65
3	Design and evaluation of two multi-pinhole collimators for brain SPECT. Annals of Nuclear Medicine, 2017, 31, 636-648.	2.2	29
4	Interpolated Average CT for Attenuation Correction in PET—A Simulation Study. IEEE Transactions on Biomedical Engineering, 2013, 60, 1927-1934.	4.2	27
5	Supramolecular nanomedicine derived from cucurbit[7]uril-conjugated nano-graphene oxide for multi-modality cancer therapy. Biomaterials Science, 2021, 9, 3804-3813.	5.4	27
6	Attenuation correction of PET images with interpolated average CT for thoracic tumors. Physics in Medicine and Biology, 2011, 56, 2559-2567.	3.0	21
7	The clinical utilities of multi-pinhole single photon emission computed tomography. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2006-2029.	2.0	19
8	Hyaluronic acid-based nanogels derived from multicomponent self-assembly for imaging-guided chemo-photodynamic cancer therapy. Carbohydrate Polymers, 2021, 268, 118257.	10.2	19
9	Low dose interpolated average CT for thoracic PET/CT attenuation correction using an active breathing controller. Medical Physics, 2013, 40, 102507.	3.0	18
10	The use of back propagation neural networks and 18F-Florbetapir PET for early detection of Alzheimer's disease using Alzheimer's Disease Neuroimaging Initiative database. PLoS ONE, 2019, 14, e0226577.	2.5	18
11	Improved dosimetry for targeted radionuclide therapy using nonrigid registration on sequential SPECT images. Medical Physics, 2015, 42, 1060-1070.	3.0	16
12	Evaluation of different respiratory gating schemes for cardiac SPECT. Journal of Nuclear Cardiology, 2020, 27, 634-647.	2.1	16
13	Comparison of three approaches for definingÂnucleus pulposus and annulus fibrosus on sagittal magnetic resonance images of the lumbar spine. Journal of Orthopaedic Translation, 2016, 6, 34-41.	3.9	14
14	Interpolated CT for attenuation correction on respiratory gating cardiac SPECT/CT — A simulation study. Medical Physics, 2019, 46, 2621-2628.	3.0	13
15	Clinical evaluation of three respiratory gating schemes for different respiratory patterns on cardiac SPECT. Medical Physics, 2020, 47, 4223-4232.	3.0	13
16	BIGDOSE: software for 3D personalized targeted radionuclide therapy dosimetry. Quantitative Imaging in Medicine and Surgery, 2020, 10, 160-170.	2.0	12
17	Evaluation of different CT maps for attenuation correction and segmentation in static ^{99m}Tc—MAA SPECT/CT for ^{90}Y radioembolization treatment planning: A simulation study. Medical Physics, 2021, 48, 3842-3851.	3.0	11
18	Qualitative and semi-quantitative evaluation of myocardium perfusion with 3ÂT stress cardiac MRI. BMC Cardiovascular Disorders, 2015, 15, 164.	1.7	10

#	Article	IF	Citations
19	High-accuracy Automated Diagnosis of Parkinson's Disease. Current Medical Imaging, 2020, 16, 688-694.	0.8	10
20	Interpolated average CT for cardiac PET/CT attenuation correction. Journal of Nuclear Cardiology, 2016, 23, 1072-1079.	2.1	9
21	Evaluation of Stationary and Semi-stationary Acquisitions from Dual-head Multi-pinhole Collimator for Myocardial Perfusion SPECT. Journal of Medical and Biological Engineering, 2016, 36, 675-685.	1.8	8
22	Evaluation of sequential SPECT and CT for targeted radionuclide therapy dosimetry. Annals of Nuclear Medicine, 2018, 32, 34-43.	2.2	8
23	Left Atrium Wall-mapping Application for Wall Thickness Visualisation. Scientific Reports, 2018, 8, 4169.	3.3	8
24	Image restoration of motion artifacts in cardiac arteries and vessels based on a generative adversarial network. Quantitative Imaging in Medicine and Surgery, 2022, 12, 2755-2766.	2.0	8
25	Comparison of Different Attenuation Correction Methods for Dual Gating Myocardial Perfusion SPECT/CT. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 565-571.	3.7	7
26	Technical note: Respiratory impacts on static and respiratory gated ^{99m}Tc‑MAA SPECT/CT for liver radioembolization: A simulation study. Medical Physics, 2022, 49, 5330-5339.	3.0	7
27	Evaluation of radiation dose and image quality of CT scan for whole‑body pediatric PET/CT: A phantom study. Medical Physics, 2014, 41, 092505.	3.0	6
28	Fan-Shaped Complete Block on Helical Tomotherapy for Esophageal Cancer: A Phantom Study. BioMed Research International, 2015, 2015, 1-6.	1.9	6
29	Initial Investigation of Using a Generative Adversarial Network for Denoising in Dual Gating Myocardial Perfusion SPECT. , 2018, , .		6
30	Recent advances in voxel-based targeted radionuclide therapy dosimetry. Quantitative Imaging in Medicine and Surgery, 2021, 11, 483-489.	2.0	6
31	Dual gating myocardial perfusion SPECT denoising using a conditional generative adversarial network. Medical Physics, 2022, 49, 5093-5106.	3.0	6
32	Comparative Analysis of the Common Scintillation Crystals Used in Nuclear Medicine Imaging Devices. , 2018, , .		4
33	Technical Note: Virtual CT for reducing CT dose in targeted radionuclide therapy dosimetry. Medical Physics, 2018, 45, 5138-5144.	3.0	4
34	Studies of cyanomethylcarbamoyl-bridged anthracene and pyrene fluorophores. New Journal of Chemistry, 2021, 45, 17366-17376.	2.8	4
35	Low-Dose 68 Ga-PSMA Prostate PET/MRI Imaging Using Deep Learning Based on MRI Priors. Frontiers in Oncology, 2021, 11, 818329.	2.8	4
36	The Impact of Total Variation Regularized Expectation Maximization Reconstruction on 68Ga-DOTA-TATE PET/CT Images in Patients With Neuroendocrine Tumor. Frontiers in Medicine, 2022, 9, 845806.	2.6	4

#	Article	IF	Citations
37	National Survey of Radiation Dose and Image Quality in Adult CT Head Scans in Taiwan. PLoS ONE, 2015, 10, e0131243.	2.5	3
38	Volume-based algorithm of lung dose optimization in novel dynamic arc radiotherapy for esophageal cancer. Scientific Reports, 2021, 11, 4360.	3.3	3
39	Insights on Distinct Left Atrial Remodeling Between Atrial Fibrillation and Heart Failure With Preserved Ejection Fraction. Frontiers in Cardiovascular Medicine, 2022, 9, 857360.	2.4	3
40	Generative adversarial network for denoising in dual gated myocardial perfusion SPECT using a population of phantoms and clinical data. , 2019, , .		2
41	Preliminary Investigation of Auto-classification of Respiratory Trace Using Convolutional Neural Network for Adaptive Respiratory Gated Myocardial Perfusion SPECT. , 2019, , .		2
42	Activated Platelet-Homing Nanoplatform for Targeting Magnetic Resonance Imaging of Aneurysm-Related Thrombus in Rabbits. ACS Applied Materials & Interfaces, 2021, 13, 50705-50715.	8.0	2
43	Simulation of a High-Sensitivity Adjustable-FOV PET Scanner. , 2018, , .		1
44	Planning evaluation of a novel volume-based algorithm for personalized optimization of lung dose in VMAT for esophageal cancer. Scientific Reports, 2022, 12, 2513.	3.3	1
45	Performance evaluation of interpolated average CT for PET attenuation correction in different lesion characteristics. , 2013, , .		0