Greta

List of Publications by Year
in descending order

Version: 2024-02-01

45 papers	552 citations	687363 13 h-index	713466 21 g-index
46 all docs	46 docs citations	46 times ranked	612 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Technical note: Respiratory impacts on static and respiratory gated ^{99m}Tcâ€MAA SPECT/CT for liver radioembolization: A simulation study. Medical Physics, 2022, 49, 5330-5339.	3.0	7
5	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
6	Dual gating myocardial perfusion SPECT denoising using a conditional generative adversarial network. Medical Physics, 2022, 49, 5093-5106.	3.0	6
7	Studies of cyanomethylcarbamoyl-bridged anthracene and pyrene fluorophores. New Journal of Chemistry, 2021, 45, 17366-17376.	2.8	4
8	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
9	Volume-based algorithm of lung dose optimization in novel dynamic arc radiotherapy for esophageal cancer. Scientific Reports, 2021, 11, 4360.	3.3	3
10	Recent advances in voxel-based targeted radionuclide therapy dosimetry. Quantitative Imaging in Medicine and Surgery, 2021, 11, 483-489.	2.0	6
11	Evaluation of different CT maps for attenuation correction and segmentation in static ^{99m}Tcâ€MAA SPECT/CT for ⁹⁰Y radioembolization treatment planning: A simulation study. Medical Physics, 2021, 48, 3842-3851.	3.0	11
12	Hyaluronic acid-based nanogels derived from multicomponent self-assembly for imaging-guided chemo-photodynamic cancer therapy. Carbohydrate Polymers, 2021, 268, 118257.	10.2	19
13	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
14	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
15	Evaluation of different respiratory gating schemes for cardiac SPECT. Journal of Nuclear Cardiology, 2020, 27, 634-647.	2.1	16
16	The clinical utilities of multi-pinhole single photon emission computed tomography. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2006-2029.	2.0	19
17	Clinical evaluation of three respiratory gating schemes for different respiratory patterns on cardiac SPECT. Medical Physics, 2020, 47, 4223-4232.	3.0	13
18	BIGDOSE: software for 3D personalized targeted radionuclide therapy dosimetry. Quantitative Imaging in Medicine and Surgery, 2020, 10, 160-170.	2.0	12

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19	High-accuracy Automated Diagnosis of Parkinson's Disease. Current Medical Imaging, 2020, 16, 688-694.	0.8	10
20	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
21	Interpolated <scp>CT</scp> for attenuation correction on respiratory gating cardiac <scp>SPECT</scp>/<scp>CT</scp> â€" A simulation study. Medical Physics, 2019, 46, 2621-2628.	3.0	13
22	Generative adversarial network for denoising in dual gated myocardial perfusion SPECT using a population of phantoms and clinical data. , 2019, , .		2
23	Preliminary Investigation of Auto-classification of Respiratory Trace Using Convolutional Neural Network for Adaptive Respiratory Gated Myocardial Perfusion SPECT. , 2019, , .		2
24	The use of back propagation neural networks and 18F-Florbetapir PET for early detection of Alzheimerâ€™s disease using Alzheimerâ€™s Disease Neuroimaging Initiative database. PLoS ONE, 2019, 14, e0226577.	2.5	18
25	Evaluation of sequential SPECT and CT for targeted radionuclide therapy dosimetry. Annals of Nuclear Medicine, 2018, 32, 34-43.	2.2	8
26	Left Atrium Wall-mapping Application for Wall Thickness Visualisation. Scientific Reports, 2018, 8, 4169.	3.3	8
27	Comparative Analysis of the Common Scintillation Crystals Used in Nuclear Medicine Imaging Devices. , 2018, , .		4
28	Initial Investigation of Using a Generative Adversarial Network for Denoising in Dual Gating Myocardial Perfusion SPECT. , 2018, , .		6
29	Simulation of a High-Sensitivity Adjustable-FOV PET Scanner. , 2018, , .		1
30	Technical Note: Virtual <scp>CT</scp> for reducing <scp>CT</scp> dose in targeted radionuclide therapy dosimetry. Medical Physics, 2018, 45, 5138-5144.	3.0	4
31	Design and evaluation of two multi-pinhole collimators for brain SPECT. Annals of Nuclear Medicine, 2017, 31, 636-648.	2.2	29
32	Quantitative Imaging for Targeted Radionuclide Therapy Dosimetry - Technical Review. Theranostics, 2017, 7, 4551-4565.	10.0	65
33	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
34	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
35	Interpolated average CT for cardiac PET/CT attenuation correction. Journal of Nuclear Cardiology, 2016, 23, 1072-1079.	2.1	9
36	Improved dosimetry for targeted radionuclide therapy using nonrigid registration on sequential SPECT images. Medical Physics, 2015, 42, 1060-1070.	3.0	16

#	ARTICLE	IF	CITATIONS
37	Qualitative and semi-quantitative evaluation of myocardium perfusion with 3ÂT stress cardiac MRI. BMC Cardiovascular Disorders, 2015, 15, 164.	1.7	10
38	National Survey of Radiation Dose and Image Quality in Adult CT Head Scans in Taiwan. PLoS ONE, 2015, 10, e0131243.	2.5	3
39	Fan-Shaped Complete Block on Helical Tomotherapy for Esophageal Cancer: A Phantom Study. BioMed Research International, 2015, 2015, 1-6.	1.9	6
40	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
41	Evaluation of radiation dose and image quality of CT scan for wholeâ€body pediatric PET/CT: A phantom study. Medical Physics, 2014, 41, 092505.	3.0	6
42	Low dose interpolated average CT for thoracic PET/CT attenuation correction using an active breathing controller. Medical Physics, 2013, 40, 102507.	3.0	18
43	Interpolated Average CT for Attenuation Correction in PETâ€”A Simulation Study. IEEE Transactions on Biomedical Engineering, 2013, 60, 1927-1934.	4.2	27
44	Performance evaluation of interpolated average CT for PET attenuation correction in different lesion characteristics. , 2013, , .		0
45	Attenuation correction of PET images with interpolated average CT for thoracic tumors. Physics in Medicine and Biology, 2011, 56, 2559-2567.	3.0	21