

Salam Dhou

List of Publications by Year in descending order

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840585

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times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence and numerical models in hybrid renewable energy systems with fuel cells: Advances and prospects. <i>Energy Conversion and Management</i> , 2022, 253, 115154.	4.4	71
2	An IoT System Using Deep Learning to Classify Camera Trap Images on the Edge. <i>Computers</i> , 2022, 11, 13.	2.1	22
3	Fluoroscopic 3D Image Generation from Patient-Specific PCA Motion Models Derived from 4D-CBCT Patient Datasets: A Feasibility Study. <i>Journal of Imaging</i> , 2022, 8, 17.	1.7	4
4	Exogenous Contrast Agents in Photoacoustic Imaging: An In Vivo Review for Tumor Imaging. <i>Nanomaterials</i> , 2022, 12, 393.	1.9	18
5	In-between projection interpolation in cone-beam CT imaging using convolutional neural networks. , 2022, , .		1
6	Microwave Imaging for Early Breast Cancer Detection: Current State, Challenges, and Future Directions. <i>Journal of Imaging</i> , 2022, 8, 123.	1.7	41
7	An IoT Machine Learning-Based Mobile Sensors Unit for Visually Impaired People. <i>Sensors</i> , 2022, 22, 5202.	2.1	8
8	Bioluminescence Imaging Applications in Cancer: A Comprehensive Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 307-326.	13.1	32
9	Challenges estimating patient organs doses undergoing enhanced chest CT examination: exploratory study. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 025019.	0.6	1
10	Prediction of EV Charging Behavior Using Machine Learning. <i>IEEE Access</i> , 2021, 9, 111576-111586.	2.6	49
11	Machine Learning Approaches for EV Charging Behavior: A Review. <i>IEEE Access</i> , 2020, 8, 168980-168993.	2.6	86
12	Quantifying day-to-day variations in 4DCBCT-based PCA motion models. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 035020.	0.6	4
13	Asthma Diagnosis Using Neuro-Fuzzy Techniques. , 2020, , .		3
14	Towards an IoT-based Deep Learning Architecture for Camera Trap Image Classification. , 2020, , .		6
15	Spinal functional Magnetic Resonance Imaging (fMRI) on Human Studies: A Literature Review. , 2019, , .		1
16	Three-Dimensional CT Image Reconstruction Techniques: Implementation and Comparison. , 2019, , .		0
17	Quantitative Evaluation of Four-Dimensional versus Three-Dimensional Reconstruction on XCAT Phantom Under Different Sampling Rates. , 2019, , .		0
18	Quantitative Evaluation of 3D Reconstruction Using Filtered Back-Projection on XCAT Phantom. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Review of Image-Guided Percutaneous Coronary Interventions. , 2019, , .		1
20	Reconstruction of a high-quality volumetric image and a respiratory motion model from patient CBCT projections. Medical Physics, 2019, 46, 3627-3639.	1.6	10
21	Motion-Based Gait Recognition for Recognizing People in Traditional Gulf Clothing. , 2019, , .		1
22	Inter-fraction variations in motion modeling using patient 4D-cone beam CT images. , 2018, , .		1
23	A graphical user interface for XCAT phantom configuration, generation and processing. Biomedical Physics and Engineering Express, 2017, 3, 017003.	0.6	5
24	Image-based Respiratory Signal Extraction Using Dimensionality Reduction for Phase Sorting in Cone-Beam CT Projections. , 2017, , .		1
25	Scale-invariant optical flow in tracking using a pan-tilt-zoom camera. Robotica, 2016, 34, 1923-1947.	1.3	4
26	4D cone beam CT-based dose assessment for SBRT lung cancer treatment. Physics in Medicine and Biology, 2016, 61, 554-568.	1.6	17
27	3D delivered dose assessment using a 4DCT-based motion model. Medical Physics, 2015, 42, 2897-2907.	1.6	24
28	Generation of fluoroscopic 3D images with a respiratory motion model based on an external surrogate signal. Physics in Medicine and Biology, 2015, 60, 521-535.	1.6	10
29	3D fluoroscopic image estimation using patient-specific 4DCBCT-based motion models. Physics in Medicine and Biology, 2015, 60, 3807-3824.	1.6	19
30	4DCBCT-based motion modeling and 3D fluoroscopic image generation for lung cancer radiotherapy. Proceedings of SPIE, 2015, , .	0.8	3
31	Dynamic 3D surface reconstruction and motion modeling from a pan-tilt-zoom camera. Computers in Industry, 2015, 70, 183-193.	5.7	4
32	Motion-based projection generation for 4D-CT reconstruction. , 2014, , .		3
33	Local Intensity Feature Tracking and Motion Modeling for Respiratory Signal Extraction in Cone Beam CT Projections. IEEE Transactions on Biomedical Engineering, 2013, 60, 332-342.	2.5	17