Dongyoen Lee

List of Publications by Year
in descending order

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20	62	1937685 4	1720034 7
papers	citations	h-index	g-index

21	21	21	33
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Metal Artifact Reduction Method Using a Fully Convolutional Network in the Sinogram and Image Domains for Dental Computed Tomography. Journal of Digital Imaging, 2020, 33, 538-546.	2.9	9
2	Industrial x-ray inspection system with improved image characterization using blind deblurring based on compressed-sensing scheme. Instrumentation Science and Technology, 2017, 45, 248-258.	1.8	8
3	A New Voxelization Strategy in Compressed-Sensing (CS)-Based Iterative CT Reconstruction for Reducing Computational Cost: Simulation and Experimental Studies. Journal of Medical and Biological Engineering, 2018, 38, 129-137.	1.8	5
4	Soft-compression Mammography Based on Weighted l1-norm Scatter Correction Scheme for Reducing Patient Pain during Breast Examination. Journal of the Korean Physical Society, 2018, 72, 811-817.	0.7	5
5	Single-Energy Material Decomposition in Radiography Using a Three-Dimensional Laser Scanner. Journal of the Korean Physical Society, 2019, 75, 153-159.	0.7	5
6	Improvement of megavoltage computed tomography image quality for adaptive helical tomotherapy using cycleGANâ€based image synthesis with small datasets. Medical Physics, 2021, 48, 5593-5610.	3.0	5
7	X-Ray grid. Journal of the Korean Physical Society, 2017, 71, 722-726.	0.7	3
8	Analytic Computed Tomography Reconstruction in Sparse-Angular Sampling Using a Sinogram-Normalization Interpolation Method. Journal of the Korean Physical Society, 2018, 73, 361-367.	0.7	3
9	Model-Based Noise Reduction in Scatter Correction Using a Deep Convolutional Neural Network for Radiography. Journal of the Korean Physical Society, 2019, 75, 160-166.	0.7	3
10	Implementation of the Weighted L1-Norm Scatter Correction Scheme in Dual-Energy Radiography. Journal of the Korean Physical Society, 2019, 74, 414-420.	0.7	3
11	Projection-based dual-energy digital tomosynthesis and its image characteristics. Instrumentation Science and Technology, 2019, 47, 248-263.	1.8	3
12	Image reconstruction in region-of-interest (or interior) digital tomosynthesis (DTS) based on compressed-sensing (CS). Computer Methods and Programs in Biomedicine, 2017, 151, 151-158.	4.7	2
13	Iterative Interior Digital Tomosynthesis Reconstruction Using a Dual-Resolution Voxellation Method. Journal of the Korean Physical Society, 2018, 73, 355-360.	0.7	2
14	Wide Image Stitching Based on Software Exposure Compensation in Digital Radiography. Journal of the Korean Physical Society, 2019, 74, 1067-1072.	0.7	2
15	A Normalized Metal Artifact Reduction Method Using an Artifact-Reduced Prior for Dental Computed Tomography. Journal of the Korean Physical Society, 2019, 74, 298-304.	0.7	2
16	Four-Dimensional CBCT Reconstruction Based on a Residual Convolutional Neural Network for Improving Image Quality. Journal of the Korean Physical Society, 2019, 75, 73-79.	0.7	1
17	Mammography image restoration based on a radiographic scattering model from a single projection: Experimental study. Journal of the Korean Physical Society, 2017, 70, 640-646.	0.7	0
18	Simulation of Single Grid-based Phase-contrast Digital Tomosynthesis (PC-DTS). Journal of the Korean Physical Society, 2018, 72, 436-443.	0.7	0

#	Article	IF	Citations
19	Feasibility Study for Improving the Image Characteristics in Digital Tomosynthesis (DTS) Using a Compressed-Sensing (Cs)-Based Pre-Deblurring Scheme. Research in Nondestructive Evaluation, 2018, 29, 109-121.	1.1	0
20	Sparse-View Reconstruction in Dental Computed Tomography by Using a Dictionary-Learning Based Method. Journal of the Korean Physical Society, 2019, 74, 57-62.	0.7	0