Kihwan Choi

List of Publications by Year
in descending order

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16	341	1478280	1474057
papers	citations	6	9
		h-index	g-index

16	16	16	319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compressed sensing based coneâ€beam computed tomography reconstruction with a firstâ€order	1.6	212
2	StatNet: Statistical Image Restoration for Low-Dose CT using Deep Learning. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1137-1150.	7.3	26
3	A 64Gb 533Mb/s DDR interface MLC NAND Flash in sub-20nm technology. , 2012, , .		22
4	A Fourier-based compressed sensing technique for accelerated CT image reconstruction using first-order methods. Physics in Medicine and Biology, 2014, 59, 3097-3119.	1.6	13
5	Real-time image reconstruction for low-dose CT using deep convolutional generative adversarial networks (GANs). , 2018, , .		10
6	Adaptive Multi-Pulse Program Scheme Based on Tunneling Speed Classification for Next Generation Multi-Bit/Cell NAND FLASH. IEEE Journal of Solid-State Circuits, 2013, 48, 948-959.	3.5	9
7	Prediction of the histology of colorectal neoplasm in white light colonoscopic images using deep learning algorithms. Scientific Reports, 2021, 11, 5311.	1.6	9
8	DIBL-Induced Program Disturb Characteristics in 32-nm NAND Flash Memory Array. IEEE Transactions on Electron Devices, 2011, 58, 3626-3629.	1.6	8
9	Self-supervised Projection Denoising for Low-Dose Cone-Beam CT. , 2021, 2021, 3459-3462.		7
10	Enhancement of four-dimensional cone-beam computed tomography by compressed sensing with Bregman iteration. Journal of X-Ray Science and Technology, 2013, 21, 177-192.	0.7	6
11	Semi-Supervised Learning for Low-Dose CT Image Restoration with Hierarchical Deep Generative Adversarial Network (HD-GAN). , 2019, 2019, 2683-2686.		6
12	Self-supervised inter- and intra-slice correlation learning for low-dose CT image restoration without ground truth. Expert Systems With Applications, 2022, 209, 118072.	4.4	6
13	Trainable Multi-contrast Windowing for Liver CT Segmentation. , 2020, , .		5
14	A distance-driven deconvolution method for CT image-resolution improvement. Journal of the Korean Physical Society, 2016, 69, 1830-1833.	0.3	2
15	A preliminary study of an image synthesis method to simulate the change in the incident X-ray spectrum by using thickness information. Journal of the Korean Physical Society, 2016, 68, 815-820.	0.3	0
16	A Subband-Specific Deconvolution Model for MTF Improvement in CT. Journal of Healthcare Engineering, 2017, 2017, 1-8.	1.1	0