Sewon Kim

List of Publications by Year
in descending order

11 papers	166 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	202 citing authors

#	Article	IF	Citations
1	Deep-learned spike representations and sorting via an ensemble of auto-encoders. Neural Networks, 2021, 134, 131-142.	5.9	16
2	Fat-saturated image generation from multi-contrast MRIs using generative adversarial networks with Bloch equation-based autoencoder regularization. Medical Image Analysis, 2021, 73, 102198.	11.6	9
3	Relevance-CAM: Your Model Already Knows Where to Look. , 2021, , .		27
4	Deep-learned short tau inversion recovery imaging using multi-contrast MR images. Magnetic Resonance in Medicine, 2020, 84, 2994-3008.	3.0	13
5	Deep Learning-Based Template Matching Spike Classification for Extracellular Recordings. Applied Sciences (Switzerland), 2020, 10, 301.	2.5	13
6	The Latest Trends in Attention Mechanisms and Their Application in Medical Imaging. Journal of the Korean Society of Radiology, 2020, 81, 1305.	0.2	3
7	Learning Radiologist's Step-by-Step Skill for Cervical Spinal Injury Examination: Line Drawing, Prevertebral Soft Tissue Thickness Measurement, and Swelling Detection. IEEE Access, 2018, 6, 55492-55500.	4.2	1
8	Semi-Automatic Segmentation of Vertebral Bodies in MR Images of Human Lumbar Spines. Applied Sciences (Switzerland), 2018, 8, 1586.	2.5	17
9	Fine-Grain Segmentation of the Intervertebral Discs from MR Spine Images Using Deep Convolutional Neural Networks: BSU-Net. Applied Sciences (Switzerland), 2018, 8, 1656.	2.5	39
10	Correction of severe beam-hardening artifacts via a high-order linearization function using a prior-image-based parameter selection method. Medical Physics, 2018, 45, 4133-4144.	3.0	4
11	Quantitative magnetic resonance imaging of the lumbar intervertebral discs. Quantitative Imaging in Medicine and Surgery, 2016, 6, 744-755.	2.0	22