

Sewon Kim

List of Publications by Year in descending order

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11
papers

166
citations

1307594

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1281871

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12
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12
docs citations

12
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Relevance-CAM: Your Model Already Knows Where to Look. , 2021, , .		27
3	Quantitative magnetic resonance imaging of the lumbar intervertebral discs. Quantitative Imaging in Medicine and Surgery, 2016, 6, 744-755.	2.0	22
4	Semi-Automatic Segmentation of Vertebral Bodies in MR Images of Human Lumbar Spines. Applied Sciences (Switzerland), 2018, 8, 1586.	2.5	17
5	Deep-learned spike representations and sorting via an ensemble of auto-encoders. Neural Networks, 2021, 134, 131-142.	5.9	16
6	Deep-learned short tau inversion recovery imaging using multi-contrast MR images. Magnetic Resonance in Medicine, 2020, 84, 2994-3008.	3.0	13
7	Deep Learning-Based Template Matching Spike Classification for Extracellular Recordings. Applied Sciences (Switzerland), 2020, 10, 301.	2.5	13
8	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
9	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
10	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
11	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