

Hyungjoo Cho

List of Publications by Year in descending order

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11
papers

431
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	DeepRegularizer: Rapid Resolution Enhancement of Tomographic Imaging Using Deep Learning. IEEE Transactions on Medical Imaging, 2021, 40, 1508-1518.	8.9	16
2	Intravascular ultrasound-based deep learning for plaque characterization in coronary artery disease. Atherosclerosis, 2021, 324, 69-75.	0.8	23
3	Label-free multiplexed microtomography of endogenous subcellular dynamics using generalizable deep learning. Nature Cell Biology, 2021, 23, 1329-1337.	10.3	47
4	Expert-level segmentation using deep learning for volumetry of polycystic kidney and liver. Investigative and Clinical Urology, 2020, 61, 555.	2.0	15
5	Compton Background Elimination for in Vivo X-Ray Fluorescence Imaging of Gold Nanoparticles Using Convolutional Neural Network. IEEE Transactions on Nuclear Science, 2020, 67, 2311-2320.	2.0	6
6	Quantitative Phase Imaging and Artificial Intelligence: A Review. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-14.	2.9	123
7	Deep-Learning-Based Label-Free Segmentation of Cell Nuclei in Time-Lapse Refractive Index Tomograms. IEEE Access, 2019, 7, 83449-83460.	4.2	38
8	Prediction of coronary thin-cap fibroatheroma by intravascular ultrasound-based machine learning. Atherosclerosis, 2019, 288, 168-174.	0.8	16
9	Angiography-Based Machine Learning for Predicting Fractional Flow Reserve in Intermediate Coronary Artery Lesions. Journal of the American Heart Association, 2019, 8, e011685.	3.7	49
10	Learning-based screening of hematologic disorders using quantitative phase imaging of individual red blood cells. Biosensors and Bioelectronics, 2019, 123, 69-76.	10.1	58
11	Machine learning assessment of myocardial ischemia using angiography: Development and retrospective validation. PLoS Medicine, 2018, 15, e1002693.	8.4	34