

Hyeonjoon Moon

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,559
citations

516710

16
h-index

501196

28
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31
all docs

31
docs citations

31
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Internet of Things and Cloud Computing for Healthcare. Electronics (Switzerland), 2019, 8, 768.	3.1	347
2	Sensor-based and vision-based human activity recognition: A comprehensive survey. Pattern Recognition, 2020, 108, 107561.	8.1	243
3	Crop pest recognition in natural scenes using convolutional neural networks. Computers and Electronics in Agriculture, 2020, 169, 105174.	7.7	130
4	Underground sewer pipe condition assessment based on convolutional neural networks. Automation in Construction, 2019, 106, 102849.	9.8	108
5	Background Information of Deep Learning for Structural Engineering. Archives of Computational Methods in Engineering, 2018, 25, 121-129.	10.2	104
6	Leukocytes Classification and Segmentation in Microscopic Blood Smear: A Resource-Aware Healthcare Service in Smart Cities. IEEE Access, 2017, 5, 3475-3489.	4.2	81
7	Deep convolutional neural network for classifying Fusarium wilt of radish from unmanned aerial vehicles. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	78
8	A Deep Learning-Based Hybrid Framework for Object Detection and Recognition in Autonomous Driving. IEEE Access, 2020, 8, 194228-194239.	4.2	62
9	Plant Disease Detection in Imbalanced Datasets Using Efficient Convolutional Neural Networks With Stepwise Transfer Learning. IEEE Access, 2021, 9, 140565-140580.	4.2	60
10	Deep Learning Based Computer Generated Face Identification Using Convolutional Neural Network. Applied Sciences (Switzerland), 2018, 8, 2610.	2.5	37
11	Utilizing text recognition for the defects extraction in sewers CCTV inspection videos. Computers in Industry, 2018, 99, 96-109.	9.9	35
12	DefectTR: End-to-end defect detection for sewage networks using a transformer. Construction and Building Materials, 2022, 325, 126584.	7.2	35
13	Automatic tunnel lining crack evaluation and measurement using deep learning. Tunnelling and Underground Space Technology, 2022, 124, 104472.	6.2	28
14	A robust instance segmentation framework for underground sewer defect detection. Measurement: Journal of the International Measurement Confederation, 2022, 190, 110727.	5.0	27
15	Deep learning-based sewer defect classification for highly imbalanced dataset. Computers and Industrial Engineering, 2021, 161, 107630.	6.3	25
16	An Efficient Framework for Secure Image Archival and Retrieval System Using Multiple Secret Share Creation Scheme. IEEE Access, 2020, 8, 144310-144320.	4.2	22
17	Object Detection Using FAST Corner Detector Based on Smartphone Platforms. , 2011, , .		19
18	Multiple Object Tracking in Deep Learning Approaches: A Survey. Electronics (Switzerland), 2021, 10, 2406.	3.1	16

#	ARTICLE	IF	CITATIONS
19	Smartphone-based bulky waste classification using convolutional neural networks. Multimedia Tools and Applications, 2020, 79, 29411-29431.	3.9	15
20	Vision-Based Defect Inspection and Condition Assessment for Sewer Pipes: A Comprehensive Survey. Sensors, 2022, 22, 2722.	3.8	15
21	Image Classification Based on Automatic Neural Architecture Search Using Binary Crow Search Algorithm. IEEE Access, 2020, 8, 189891-189912.	4.2	13
22	Robust Korean License Plate Recognition Based on Deep Neural Networks. Sensors, 2021, 21, 4140.	3.8	13
23	Robust Sewer Defect Detection With Text Analysis Based on Deep Learning. IEEE Access, 2022, 10, 46224-46237.	4.2	11
24	Automated Text Analysis Based on Skip-Gram Model for Food Evaluation in Predicting Consumer Acceptance. Computational Intelligence and Neuroscience, 2018, 2018, 1-12.	1.7	10
25	Deep Learning-Based Short Story Generation for an Image Using the Encoder-Decoder Structure. IEEE Access, 2021, 9, 113550-113557.	4.2	10
26	Optimal Color Correction Based on Image Analysis for Color Vision Deficiency. IEEE Access, 2019, 7, 154466-154479.	4.2	4
27	Analysis of a Stochastic Inventory Model on Random Environment with Two Classes of Suppliers and Impulse Customers. Mathematics, 2022, 10, 2235.	2.2	3
28	3D breast registration for PET-CT and MR based on surface matching. , 2011, , .		2
29	Breast Image Registration of 3D Surface-Point Using Iterative Closet Point (ICP) Method. , 2011, , .		2
30	An Improved Web Caching System With Locally Normalized User Intervals. IEEE Access, 2021, 9, 112490-112501.	4.2	2
31	Daily and seasonal heat usage patterns analysis in heat networks. Scientific Reports, 2022, 12, .	3.3	2