

# Hyeonjoon Moon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1277633/publications.pdf>

Version: 2024-02-01

31  
papers

1,559  
citations

516710

16  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1219  
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust instance segmentation framework for underground sewer defect detection. Measurement: Journal of the International Measurement Confederation, 2022, 190, 110727.	5.0	27
2	DefectTR: End-to-end defect detection for sewage networks using a transformer. Construction and Building Materials, 2022, 325, 126584.	7.2	35
3	Vision-Based Defect Inspection and Condition Assessment for Sewer Pipes: A Comprehensive Survey. Sensors, 2022, 22, 2722.	3.8	15
4	Automatic tunnel lining crack evaluation and measurement using deep learning. Tunnelling and Underground Space Technology, 2022, 124, 104472.	6.2	28
5	Robust Sewer Defect Detection With Text Analysis Based on Deep Learning. IEEE Access, 2022, 10, 46224-46237.	4.2	11
6	Daily and seasonal heat usage patterns analysis in heat networks. Scientific Reports, 2022, 12, .	3.3	2
7	Analysis of a Stochastic Inventory Model on Random Environment with Two Classes of Suppliers and Impulse Customers. Mathematics, 2022, 10, 2235.	2.2	3
8	An Improved Web Caching System With Locally Normalized User Intervals. IEEE Access, 2021, 9, 112490-112501.	4.2	2
9	Deep Learning-Based Short Story Generation for an Image Using the Encoder-Decoder Structure. IEEE Access, 2021, 9, 113550-113557.	4.2	10
10	Robust Korean License Plate Recognition Based on Deep Neural Networks. Sensors, 2021, 21, 4140.	3.8	13
11	Deep learning-based sewer defect classification for highly imbalanced dataset. Computers and Industrial Engineering, 2021, 161, 107630.	6.3	25
12	Plant Disease Detection in Imbalanced Datasets Using Efficient Convolutional Neural Networks With Stepwise Transfer Learning. IEEE Access, 2021, 9, 140565-140580.	4.2	60
13	Multiple Object Tracking in Deep Learning Approaches: A Survey. Electronics (Switzerland), 2021, 10, 2406.	3.1	16
14	Crop pest recognition in natural scenes using convolutional neural networks. Computers and Electronics in Agriculture, 2020, 169, 105174.	7.7	130
15	Sensor-based and vision-based human activity recognition: A comprehensive survey. Pattern Recognition, 2020, 108, 107561.	8.1	243
16	Smartphone-based bulky waste classification using convolutional neural networks. Multimedia Tools and Applications, 2020, 79, 29411-29431.	3.9	15
17	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
18	Image Classification Based on Automatic Neural Architecture Search Using Binary Crow Search Algorithm. IEEE Access, 2020, 8, 189891-189912.	4.2	13

#	ARTICLE	IF	CITATIONS
19	A Deep Learning-Based Hybrid Framework for Object Detection and Recognition in Autonomous Driving. IEEE Access, 2020, 8, 194228-194239.	4.2	62
20	A Survey on Internet of Things and Cloud Computing for Healthcare. Electronics (Switzerland), 2019, 8, 768.	3.1	347
21	Optimal Color Correction Based on Image Analysis for Color Vision Deficiency. IEEE Access, 2019, 7, 154466-154479.	4.2	4
22	Underground sewer pipe condition assessment based on convolutional neural networks. Automation in Construction, 2019, 106, 102849.	9.8	108
23	Utilizing text recognition for the defects extraction in sewers CCTV inspection videos. Computers in Industry, 2018, 99, 96-109.	9.9	35
24	Background Information of Deep Learning for Structural Engineering. Archives of Computational Methods in Engineering, 2018, 25, 121-129.	10.2	104
25	Deep Learning Based Computer Generated Face Identification Using Convolutional Neural Network. Applied Sciences (Switzerland), 2018, 8, 2610.	2.5	37
26	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
27	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
28	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
29	3D breast registration for PET-CT and MR based on surface matching. , 2011, , .		2
30	Object Detection Using FAST Corner Detector Based on Smartphone Platforms. , 2011, , .		19
31	Breast Image Registration of 3D Surface-Point Using Iterative Closet Point (ICP) Method. , 2011, , .		2