

# Hee-Chul Jung

## List of Publications by Year in descending order

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20  
papers

662  
citations

1937685

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h-index

1474206

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g-index

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all docs

20  
docs citations

20  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrastive Self-Supervised Learning With Smoothed Representation for Remote Sensing. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	25
2	MSE-Based Joint Transceiver and Passive Beamforming Designs for Intelligent Reflecting Surface-Aided MIMO Systems. IEEE Wireless Communications Letters, 2022, 11, 622-626.	5.0	3
3	Extending Contrastive Learning to Unsupervised Coreset Selection. IEEE Access, 2022, 10, 7704-7715.	4.2	4
4	Hierarchical Federated Learning for Edge-Aided Unmanned Aerial Vehicle Networks. Applied Sciences (Switzerland), 2022, 12, 670.	2.5	14
5	Late Fusion-Based Video Transformer for Facial Micro-Expression Recognition. Applied Sciences (Switzerland), 2022, 12, 1169.	2.5	8
6	Training data reduction for deep learning-based image classifications using random sample consensus. Journal of Electronic Imaging, 2022, 31, .	0.9	1
7	Extending Contrastive Learning to Unsupervised Redundancy Identification. Applied Sciences (Switzerland), 2022, 12, 2201.	2.5	0
8	Semantic Segmentation Dataset for AI-Based Quantification of Clean Mucosa in Capsule Endoscopy. Medicina (Lithuania), 2022, 58, 397.	2.0	4
9	Competing Miners: A Synergetic Solution for Combining Blockchain and Edge Computing in Unmanned Aerial Vehicle Networks. Applied Sciences (Switzerland), 2022, 12, 2581.	2.5	2
10	Self-supervised learning with randomised layers for remote sensing. Electronics Letters, 2021, 57, 249-251.	1.0	5
11	SelfMix: A Novel Single Image-Based Data Augmentation Technique Using a Saliency Map. Sensors, 2021, 21, 8444.	3.8	6
12	U-Net-Based Foreign Object Detection Method Using Effective Image Acquisition System: A Case of Almond and Green Onion Flake Food Process. Sustainability, 2021, 13, 13834.	3.2	4
13	Randomized Voting-Based Rigid-Body Motion Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 698-713.	8.3	1
14	Refining background subtraction using consistent motion detection in adverse weather. Journal of Electronic Imaging, 2019, 28, 1.	0.9	2
15	Real-time personalized facial expression recognition system based on deep learning. , 2016, , .		12
16	Development of deep learning-based facial expression recognition system. , 2015, , .		40
17	Joint Fine-Tuning in Deep Neural Networks for Facial Expression Recognition. , 2015, , .		487
18	Rotating your face using multi-task deep neural network. , 2015, , .		44

#	ARTICLE	IF	CITATIONS
19	High-definition video-based multi-channel top-view vehicle surrounding monitoring system for mobile navigation devices. , 2013, , .		0
20	Speaker dependent visual speech recognition using Extended Curvature Gabor filters. , 2013, , .		0