

# Je-Won Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

727  
citations

933447

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h-index

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all docs

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docs citations

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times ranked

764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrusion Detection System Using Deep Neural Network for In-Vehicle Network Security. PLoS ONE, 2016, 11, e0155781.	2.5	421
2	Context-Based Ternary Tree Decision Method in Versatile Video Coding for Fast Intra Coding. IEEE Access, 2019, 7, 172597-172605.	4.2	44
3	Machine Learning-Based Fast Angular Prediction Mode Decision Technique in Video Coding. IEEE Transactions on Image Processing, 2018, 27, 5525-5538.	9.8	39
4	Fast Multi-Type Tree Partitioning for Versatile Video Coding Using a Lightweight Neural Network. IEEE Transactions on Multimedia, 2021, 23, 4388-4399.	7.2	36
5	Fast Affine Motion Estimation for Versatile Video Coding (VVC) Encoding. IEEE Access, 2019, 7, 158075-158084.	4.2	34
6	Sparse/DCT (S/DCT) Two-Layered Representation of Prediction Residuals for Video Coding. IEEE Transactions on Image Processing, 2013, 22, 2711-2722.	9.8	26
7	Deep Video Prediction Network-Based Inter-Frame Coding in HEVC. IEEE Access, 2020, 8, 95906-95917.	4.2	20
8	Multi-channel fusion convolutional neural network to classify syntactic anomaly from language-related ERP components. Information Fusion, 2019, 52, 53-61.	19.1	17
9	Transferring Structured Knowledge in Unsupervised Domain Adaptation of a Sleep Staging Network. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1273-1284.	6.3	17
10	Convolution Neural Network based Video Coding Technique using Reference Video Synthesis. , 2018, , .		11
11	Learning to Detect Cracks on Damaged Concrete Surfaces Using Two-Branched Convolutional Neural Network. Sensors, 2019, 19, 4796.	3.8	11
12	Compressed domain video saliency detection using global and local spatiotemporal features. Journal of Visual Communication and Image Representation, 2016, 35, 169-183.	2.8	10
13	Dynamic Motion Estimation and Evolution Video Prediction Network. IEEE Transactions on Multimedia, 2021, 23, 3986-3998.	7.2	8
14	Efficient Residual DPCM Using an $\hat{y}_l$ and $\hat{y}_r$ Robust Linear Prediction in Screen Content Video Coding. IEEE Transactions on Multimedia, 2016, 18, 2054-2065.	7.2	7
15	Combining random forest with multi-block local binary pattern feature selection for multiclass head pose estimation. PLoS ONE, 2017, 12, e0180792.	2.5	6
16	360° Image Reference-Based Super-Resolution Using Latitude-Aware Convolution Learned From Synthetic to Real. IEEE Access, 2021, 9, 155924-155935.	4.2	6
17	Ensemble of binary tree structured deep convolutional network for image classification. , 2017, , .		4
18	Ensemble of Random Binary Output Encoding for Adversarial Robustness. IEEE Access, 2019, 7, 124632-124640.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Explicit residual DPCM for screen contents coding. , 2014, , .		3
20	On DCT coefficient distribution in video coding using quad-tree structured partition. , 2014, , .		3