

Hongyi Pan

List of Publications by Year in descending order

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8
papers

112
citations

1937685
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2272923
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8
all docs

8
docs citations

8
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Computationally Efficient Wildfire Detection Method Using a Deep Convolutional Network Pruned via Fourier Analysis. <i>Sensors</i> , 2020, 20, 2891.	3.8	43
2	Additive neural network for forest fire detection. <i>Signal, Image and Video Processing</i> , 2020, 14, 675-682.	2.7	37
3	Computationally Efficient Spatio-Temporal Dynamic Texture Recognition for Volatile Organic Compound (VOC) Leakage Detection in Industrial Plants. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2020, 14, 676-687.	10.8	9
4	Fast Walsh-Hadamard Transform and Smooth-Thresholding Based Binary Layers in Deep Neural Networks. , 2021, , .		7
5	Block Walsh-Hadamard Transform-based Binary Layers in Deep Neural Networks. <i>Transactions on Embedded Computing Systems</i> , 2022, 21, 1-25.	2.9	7
6	Multiplication-Avoiding Variant of Power Iteration with Applications. , 2022, , .		4
7	Robust Principal Component Analysis Using a Novel Kernel Related with the L_{1} -Norm. , 2021, , .		3
8	Fourier Domain Pruning of MobileNet-V2 with Application to Video Based Wildfire Detection. , 2021, , .		2