

# Tiecheng Song

## List of Publications by Year in descending order

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31  
papers

744  
citations

759233

12  
h-index

713466

21  
g-index

33  
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33  
docs citations

33  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention-Based Adaptive Spectral-Spatial Kernel ResNet for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7831-7843.	6.3	219
2	LETRIST: Locally Encoded Transform Feature Histogram for Rotation-Invariant Texture Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1565-1579.	8.3	108
3	Noise-Robust Texture Description Using Local Contrast Patterns via Global Measures. IEEE Signal Processing Letters, 2014, 21, 93-96.	3.6	69
4	Robust Texture Description Using Local Grouped Order Pattern and Non-Local Binary Pattern. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 189-202.	8.3	44
5	Local Polar DCT Features for Image Description. IEEE Signal Processing Letters, 2013, 20, 59-62.	3.6	40
6	Grayscale-Inversion and Rotation Invariant Texture Description Using Sorted Local Gradient Pattern. IEEE Signal Processing Letters, 2018, 25, 625-629.	3.6	40
7	Exploring space-frequency co-occurrences via local quantized patterns for texture representation. Pattern Recognition, 2015, 48, 2621-2632.	8.1	36
8	DARecNet-BS: Unsupervised Dual-Attention Reconstruction Network for Hyperspectral Band Selection. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2152-2156.	3.1	30
9	WaveLBP based hierarchical features for image classification. Pattern Recognition Letters, 2013, 34, 1323-1328.	4.2	27
10	Spatially weighted order binary pattern for color texture classification. Expert Systems With Applications, 2020, 147, 113167.	7.6	26
11	MSLAN: A Two-Branch Multidirectional Spectral-Spatial LSTM Attention Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	16
12	Quaternionic extended local binary pattern with adaptive structural pyramid pooling for color image representation. Pattern Recognition, 2021, 115, 107891.	8.1	15
13	Series-Constellation Feature Based Blind Modulation Recognition for Beyond 5G MIMO-OFDM Systems With Channel Fading. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 793-811.	7.9	15
14	Robust resource allocation for multi-tier cognitive heterogeneous networks. , 2017, , .		14
15	A probabilistic neighbourhood pooling-based attention network for hyperspectral image classification. Remote Sensing Letters, 2022, 13, 65-75.	1.4	8
16	Grayscale-inversion and rotation invariant image description with sorted LBP features. Signal Processing: Image Communication, 2021, 99, 116491.	3.2	7
17	L2SSP: Robust keypoint description using local second-order statistics with soft-pooling. Neurocomputing, 2017, 230, 230-242.	5.9	6
18	Color Texture Description Based on Holistic and Hierarchical Order-Encoding Patterns. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Texture classification using joint statistical representation in space-frequency domain with local quantized patterns. , 2014, , .		3
20	Texture Representation Using Local Binary Encoding Across Scales, Frequency Bands and Image Domains. , 2019, , .		3
21	M2FN: A Multilayer and Multiattention Fusion Network for Remote Sensing Image Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
22	Object co-detection via low-rank and sparse representation dictionary learning. , 2013, , .		2
23	Robust texture representation by using binary code ensemble. , 2013, , .		2
24	Completed Grayscale-Inversion and Rotation Invariant Local Binary Pattern for Texture Classification. , 2018, , .		2
25	Multi-Scale Cross-Band Encoding of Sectored Local Binary Pattern for Robust Texture Classification. , 2018, , .		1
26	Learning Category-Specific Sharable and Exemplary Visual Elements for Image Classification. IEEE Access, 2020, 8, 57214-57228.	4.2	1
27	Semantic-aware visual attributes learning for zero-shot recognition. Journal of Visual Communication and Image Representation, 2021, 74, 103010.	2.8	1
28	Texture Representation via Joint Statistics of Local Quantized Patterns. IEICE Transactions on Information and Systems, 2014, E97.D, 155-159.	0.7	1
29	Grayscale-inversion and rotation invariant image description using local ternary derivative pattern with dominant structure encoding. Expert Systems With Applications, 2022, 191, 116327.	7.6	1
30	First- and Second-Order Sorted Local Binary Pattern Features for Grayscale-Inversion and Rotation Invariant Texture Classification. , 2021, , .		0
31	Local Grouped Invariant Order Pattern for Grayscale-Inversion and Rotation Invariant Texture Classification. , 2021, , .		0