Zhitao Xiao

List of Publications by Year
in descending order

15 papers	180 citations	1307594 7 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	144 citing authors

#	Article	IF	Citations
1	Defect detection of 3D braided composites based on semantic segmentation. Journal of the Textile Institute, 2023, 114, 574-583.	1.9	1
2	Automated segmentation of diabetic macular edema in OCT Bâ€scan images based on RCUâ€Net. International Journal of Imaging Systems and Technology, 2023, 33, 299-311.	4.1	2
3	Knitted fabric and nonwoven fabric pilling objective evaluation based on SONet. Journal of the Textile Institute, 2022, 113, 1418-1427.	1.9	3
4	Photoplethysmographic waveform detection for determining hatching egg activity via deep neural network. Signal, Image and Video Processing, 2022, 16, 955-963.	2.7	1
5	On the Performance of Massive MIMO Systems With Low-Resolution ADCs and MRC Receivers Over Rician Fading Channels. IEEE Systems Journal, 2021, 15, 4514-4524.	4.6	12
6	Automatic fabric defect detection using a wide-and-light network. Applied Intelligence, 2021, 51, 4945-4961.	5.3	39
7	Wool knitted fabric pilling objective evaluation based on double-branch convolutional neural network. Journal of the Textile Institute, 2021, 112, 1037-1045.	1.9	5
8	On the Energy Efficiency of Massive MIMO Systems With Low-Resolution ADCs and Lattice Reduction Aided Detectors. Symmetry, 2020, 12, 406.	2.2	11
9	DPSA: dense pixelwise spatial attention network for hatching egg fertility detection. Journal of Electronic Imaging, 2020, 29, 1.	0.9	6
10	Fully Convolutional Network With Gated Recurrent Unit for Hatching Egg Activity Classification. IEEE Access, 2019, 7, 92378-92387.	4.2	3
11	Fully Convolutional Neural Network With GRU for 3D Braided Composite Material Flaw Detection. IEEE Access, 2019, 7, 151180-151188.	4.2	19
12	Energy Efficiency of Massive MIMO Systems With Low-Resolution ADCs and Successive Interference Cancellation. IEEE Transactions on Wireless Communications, 2019, 18, 3987-4002.	9.2	44
13	Surface parameters measurement for braided composite preform based on gray projection. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501988762.	1.0	1
14	Hatching eggs classification based on deep learning. Multimedia Tools and Applications, 2018, 77, 22071-22082.	3.9	17
15	Energy Efficiency of Uplink Massive MIMO Systems With Successive Interference Cancellation. IEEE Communications Letters, 2017, 21, 668-671.	4.1	16