

Zhitao Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

180
citations

1307594

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1058476

14
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all docs

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docs citations

15
times ranked

144
citing authors

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