Haiying Yuan

List of Publications by Year
in descending order

15 papers	101 citations	1307594 7 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	82 citing authors

#	Article	IF	Citations
1	Pulmonary Nodule Detection Using 3-D Residual U-Net Oriented Context-Guided Attention and Multi-Branch Classification Network. IEEE Access, 2022, 10, 82-98.	4.2	12
2	Low-res MobileNet: An efficient lightweight network for low-resolution image classification in resource-constrained scenarios. Multimedia Tools and Applications, 2022, 81, 38513-38530.	3.9	4
3	An efficient multi-path 3D convolutional neural network for false-positive reduction of pulmonary nodule detection. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 2269-2277.	2.8	9
4	LFSR Reseeding-Oriented Low-Power Test-Compression Architecture for Scan Designs. Journal of Electronic Testing: Theory and Applications (JETTA), 2018, 34, 685-695.	1.2	3
5	Compressive sensing-based feature extraction for bearing fault diagnosis using a heuristic neural network. Measurement Science and Technology, 2017, 28, 065018.	2.6	20
6	Test Data Compression for System-on-chip using Flexible Runs-aware PRL Coding. Journal of Electronic Testing: Theory and Applications (JETTA), 2016, 32, 639-647.	1.2	0
7	A Power Efficient Test Data Compression Method for SoC using Alternating Statistical Run-Length Coding. Journal of Electronic Testing: Theory and Applications (JETTA), 2016, 32, 59-68.	1.2	11
8	Compressive Sensing Measurement Matrix Generator Based on Improved SC-Array LDPC Code. Circuits, Systems, and Signal Processing, 2016, 35, 977-992.	2.0	4
9	A Power Efficient BIST TPG Method on Donâ€™t Care Bit Based 2-D Adjusting and Hamming Distance Based 2-D Reordering. Journal of Electronic Testing: Theory and Applications (JETTA), 2015, 31, 43-52.	1.2	9
10	A Power Efficient Test Data Compression Method on Count Compatible PRL Coding. Journal of Circuits, Systems and Computers, 2015, 24, 1550084.	1.5	4
11	Compressive sensing measurement matrix construction based on improved size compatible array LDPC code. IET Image Processing, 2015, 9, 993-1001.	2.5	12
12	Test Data Compression for System-on-a-Chip using Count Compatible Pattern Run-Length Coding. Journal of Electronic Testing: Theory and Applications (JETTA), 2014, 30, 237-242.	1.2	12
13	Resource allocation for full duplex based cognitive radio network. , 2012, , .		1
14	Uplink Cooperative Detection for Non-binary Coded Wireless Network. , 2011, , .		0
15	A Flexible Sparsity-Aware Accelerator with High Sensitivity and Efficient Operation for Convolutional Neural Networks. Circuits, Systems, and Signal Processing, 0, , 1.	2.0	0