Tao Zhang

List of Publications by Year
in descending order

18 papers	**221** citations	933447 **10** h-index	1058476 **14** g-index
18 all docs	**18** docs citations	**18** times ranked	**186** citing authors

#	ARTICLE	IF	CITATIONS
1	Deep CNN-based local dimming technology. Applied Intelligence, 2022, 52, 903-915.	5.3	5
2	Lesion attentive thoracic disease diagnosis with large decision margin loss. Biomedical Signal Processing and Control, 2022, 71, 103202.	5.7	2
3	An improve feature selection algorithm for defect detection of glass bottles. Applied Acoustics, 2021, 174, 107794.	3.3	9
4	LSTM-convolutional-BLSTM encoder-decoder network for minimum mean-square error approach to speech enhancement. Applied Acoustics, 2021, 172, 107647.	3.3	32
5	Image generation and constrained two-stage feature fusion for person re-identification. Applied Intelligence, 2021, 51, 7679-7689.	5.3	11
6	Optical-flow-based framework to boost video object detection performance with object enhancement. Expert Systems With Applications, 2021, 170, 114544.	7.6	25
7	HD-Code: End-to-End High Density Code for DNA Storage. IEEE Transactions on Nanobioscience, 2021, 20, 455-463.	3.3	2
8	Optimal local dimming based on an improved greedy algorithm. Applied Intelligence, 2020, 50, 4162-4175.	5.3	13
9	Guided autoencoder for dimensionality reduction of pedestrian features. Applied Intelligence, 2020, 50, 4557-4567.	5.3	17
10	Channel Compression: Rethinking Information Redundancy Among Channels in CNN Architecture. IEEE Access, 2020, 8, 147265-147274.	4.2	17
11	CycleGAN With an Improved Loss Function for Cell Detection Using Partly Labeled Images. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2473-2480.	6.3	14
12	Multiple Vowels Repair Based on Pitch Extraction and Line Spectrum Pair Feature for Voice Disorder. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1940-1951.	6.3	12
13	An improved firework algorithm for hardware/software partitioning. Applied Intelligence, 2019, 49, 950-962.	5.3	10
14	Fast Neural Network Training on FPGA Using Quasi-Newton Optimization Method. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1575-1579.	3.1	29
15	A Fast Feature Selection Algorithm Based on Swarm Intelligence in Acoustic Defect Detection. IEEE Access, 2018, 6, 28848-28858.	4.2	20
16	Scheduling algorithm based on storage capacity of communication in hardware/software integrated system. Transactions of Tianjin University, 2015, 21, 366-370.	6.4	1
17	An optimal 3D convolutional neural network based lipreading method. IET Image Processing, 0, , .	2.5	1
18	Local channel transformation for efficient convolutional neural network. Signal, Image and Video Processing, 0, , .	2.7	1