Wei Qi Yan

List of Publications by Year
in descending order

Version: 2024-02-01

36	699	623734	580821
papers	citations	14	25
		h-index	g-index

39	39	39	344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential of deep learning and snapshot hyperspectral imaging for classification of species in meat. Food Control, 2020, 117, 107332.	5.5	73
2	Detection of Red-Meat Adulteration by Deep Spectralâ€“Spatial Features in Hyperspectral Images. Journal of Imaging, 2018, 4, 63.	3.0	70
3	Adopting secret sharing for reversible data hiding in encrypted images. Signal Processing, 2018, 143, 269-281.	3.7	63
4	Traffic sign recognition based on deep learning. Multimedia Tools and Applications, 2022, 81, 17779-17791.	3.9	59
5	Chemometrics and hyperspectral imaging applied to assessment of chemical, textural and structural characteristics of meat. Meat Science, 2018, 144, 100-109.	5.5	53
6	Computational Methods for Deep Learning. Texts in Computer Science, 2021, , .	0.7	33
7	Introduction to Intelligent Surveillance. Texts in Computer Science, 2019, , .	0.7	31
8	Object detection based on saturation of visual perception. Multimedia Tools and Applications, 2020, 79, 19925-19944.	3.9	24
9	2D Barcodes for visual cryptography. Multimedia Tools and Applications, 2016, 75, 1223-1241.	3.9	23
10	An effective method for plate number recognition. Multimedia Tools and Applications, 2018, 77, 1679-1692.	3.9	22
11	Overview of currency recognition using deep learning. Journal of Banking and Financial Technology, 2019, 3, 59-69.	3.8	20
12	A Learning-Based Positive Feedback Approach in Salient Object Detection. , 2018, , .		18
13	Tree Leaves Detection Based on Deep Learning. Communications in Computer and Information Science, 2021, , 26-38.	0.5	17
14	Fruit Detection from Digital Images Using CenterNet. Communications in Computer and Information Science, 2021, , 313-326.	0.5	17
15	Traffic-light sign recognition using capsule network. Multimedia Tools and Applications, 2021, 80, 15161-15171.	3.9	17
16	Grading Methods for Fruit Freshness Based on Deep Learning. SN Computer Science, 2022, 3, .	3.6	15
17	Traffic-Sign Recognition Using Deep Learning. Communications in Computer and Information Science, 2021, , 13-25.	0.5	14
18	Apple Ripeness Identification Using Deep Learning. Communications in Computer and Information Science, 2021, , 53-67.	0.5	14

#	Article	IF	Citations
19	Salient Object Detection Based on Visual Perceptual Saturation and Two-Stream Hybrid Networks. IEEE Transactions on Image Processing, 2021, 30, 4773-4787.	9.8	14
20	Deep Spectral-spatial Features of Snapshot Hyperspectral Images for Red-meat Classification. , 2018, , .		12
21	Traffic Sign Recognition Using Guided Image Filtering. Communications in Computer and Information Science, 2021, , 85-99.	0.5	12
22	Augmented Reality and Machine Learning Incorporation Using YOLOv3 and ARKit. Applied Sciences (Switzerland), 2021, 11, 6006.	2.5	11
23	Flexible neural network for fast and accurate road scene perception. Multimedia Tools and Applications, 2022, 81, 7169-7181.	3.9	10
24	Embedded and real-time vehicle detection system for challenging on-road scenes. Optical Engineering, 2017, 56, 063102.	1.0	7
25	Deep Learning Methods for Virus Identification from Digital Images. , 2020, , .		7
26	3D Vehicle Detection Using Cheap LiDAR and Camera Sensors. , 2021, , .		6
27	A hybrid CTC+Attention model based on end-to-end framework for multilingual speech recognition. Multimedia Tools and Applications, 2022, 81, 41295-41308.	3.9	6
28	Fastâ€moving coin recognition using deep learning. Multimedia Tools and Applications, 2021, 80, 24111-24120.	3.9	5
29	Sailboat Detection Based on Automated Search Attention Mechanism and Deep Learning Models. , 2021, , .		5
30	Banknote serial number recognition using deep learning. Multimedia Tools and Applications, 2021, 80, 18445-18459.	3.9	4
31	Multiple Flames Recognition Using Deep Learning. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 296-307.	0.5	3
32	Braille Recognition Using Deep Learning. , 2021, , .		3
33	A Vision Aid for the Visually Impaired using Commodity Dual-Rear-Camera Smartphones. , 2018, , .		2
34	Human Tumor Detection Using Active Contour and Region Growing Segmentation. , 2019, , .		2
35	Colorizing Grayscale CT images of human lungs using deep learning methods. Multimedia Tools and Applications, 2022, 81, 37805-37819.	3.9	2
36	Surveillance Data Analytics. , 2017, , 65-106.		1