

Wei Qi Yan

List of Publications by Year in descending order

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36
papers

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344
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Flexible neural network for fast and accurate road scene perception. Multimedia Tools and Applications, 2022, 81, 7169-7181. | 3.9 | 10 |
| 2 | Traffic sign recognition based on deep learning. Multimedia Tools and Applications, 2022, 81, 17779-17791. | 3.9 | 59 |
| 3 | Grading Methods for Fruit Freshness Based on Deep Learning. SN Computer Science, 2022, 3, . | 3.6 | 15 |
| 4 | Colorizing Grayscale CT images of human lungs using deep learning methods. Multimedia Tools and Applications, 2022, 81, 37805-37819. | 3.9 | 2 |
| 5 | 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 |
| 6 | Computational Methods for Deep Learning. Texts in Computer Science, 2021, , . | 0.7 | 33 |
| 7 | Tree Leaves Detection Based on Deep Learning. Communications in Computer and Information Science, 2021, , 26-38. | 0.5 | 17 |
| 8 | Fruit Detection from Digital Images Using CenterNet. Communications in Computer and Information Science, 2021, , 313-326. | 0.5 | 17 |
| 9 | Traffic-Sign Recognition Using Deep Learning. Communications in Computer and Information Science, 2021, , 13-25. | 0.5 | 14 |
| 10 | Apple Ripeness Identification Using Deep Learning. Communications in Computer and Information Science, 2021, , 53-67. | 0.5 | 14 |
| 11 | Banknote serial number recognition using deep learning. Multimedia Tools and Applications, 2021, 80, 18445-18459. | 3.9 | 4 |
| 12 | Traffic-light sign recognition using capsule network. Multimedia Tools and Applications, 2021, 80, 15161-15171. | 3.9 | 17 |
| 13 | Fastâ€moving coin recognition using deep learning. Multimedia Tools and Applications, 2021, 80, 24111-24120. | 3.9 | 5 |
| 14 | Augmented Reality and Machine Learning Incorporation Using YOLOv3 and ARKit. Applied Sciences (Switzerland), 2021, 11, 6006. | 2.5 | 11 |
| 15 | Traffic Sign Recognition Using Guided Image Filtering. Communications in Computer and Information Science, 2021, , 85-99. | 0.5 | 12 |
| 16 | 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 |
| 17 | Braille Recognition Using Deep Learning. , 2021, , . | | 3 |
| 18 | 3D Vehicle Detection Using Cheap LiDAR and Camera Sensors. , 2021, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Sailboat Detection Based on Automated Search Attention Mechanism and Deep Learning Models. , 2021, , . | | 5 |
| 20 | Object detection based on saturation of visual perception. Multimedia Tools and Applications, 2020, 79, 19925-19944. | 3.9 | 24 |
| 21 | Potential of deep learning and snapshot hyperspectral imaging for classification of species in meat. Food Control, 2020, 117, 107332. | 5.5 | 73 |
| 22 | Deep Learning Methods for Virus Identification from Digital Images. , 2020, , . | | 7 |
| 23 | Multiple Flames Recognition Using Deep Learning. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 296-307. | 0.5 | 3 |
| 24 | Overview of currency recognition using deep learning. Journal of Banking and Financial Technology, 2019, 3, 59-69. | 3.8 | 20 |
| 25 | Introduction to Intelligent Surveillance. Texts in Computer Science, 2019, , . | 0.7 | 31 |
| 26 | Human Tumor Detection Using Active Contour and Region Growing Segmentation. , 2019, , . | | 2 |
| 27 | An effective method for plate number recognition. Multimedia Tools and Applications, 2018, 77, 1679-1692. | 3.9 | 22 |
| 28 | Adopting secret sharing for reversible data hiding in encrypted images. Signal Processing, 2018, 143, 269-281. | 3.7 | 63 |
| 29 | Deep Spectral-spatial Features of Snapshot Hyperspectral Images for Red-meat Classification. , 2018, , . | | 12 |
| 30 | A Vision Aid for the Visually Impaired using Commodity Dual-Rear-Camera Smartphones. , 2018, , . | | 2 |
| 31 | A Learning-Based Positive Feedback Approach in Salient Object Detection. , 2018, , . | | 18 |
| 32 | Chemometrics and hyperspectral imaging applied to assessment of chemical, textural and structural characteristics of meat. Meat Science, 2018, 144, 100-109. | 5.5 | 53 |
| 33 | Detection of Red-Meat Adulteration by Deep Spectral“Spatial Features in Hyperspectral Images. Journal of Imaging, 2018, 4, 63. | 3.0 | 70 |
| 34 | Embedded and real-time vehicle detection system for challenging on-road scenes. Optical Engineering, 2017, 56, 063102. | 1.0 | 7 |
| 35 | Surveillance Data Analytics. , 2017, , 65-106. | | 1 |
| 36 | 2D Barcodes for visual cryptography. Multimedia Tools and Applications, 2016, 75, 1223-1241. | 3.9 | 23 |