# Xiaolong Zhang

List of Publications by Year
in descending order

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|---|---|---|---|
| 25 papers | 230 citations | 9 h-index | 15 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 333 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | No-reference/Blind Image Quality Assessment: A Survey. IETE Technical Review (Institution of) Tj ETQq1 1 0.784314 rgBT /Overlock 1( | 3.2 | 41 |
| 2 | A New Hybrid Soft Tissue Model for Visio-Haptic Simulation. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3570-3581. | 4.7 | 35 |
| 3 | A Blind CNN Denoising Model for Random-Valued Impulse Noise. IEEE Access, 2019, 7, 124647-124661. | 4.2 | 19 |
| 4 | Optimal Scheduling of Microgrid with Distributed Power Based on Water Cycle Algorithm. Energies, 2018, 11, 2381. | 3.1 | 17 |
| 5 | Fault Diagnosis in Chemical Processes Based on Class-Incremental FDA and PCA. IEEE Access, 2019, 7, 18164-18171. | 4.2 | 16 |
| 6 | Region-based cascade pooling of convolutional features for HRRS image retrieval. Remote Sensing Letters, 2018, 9, 1002-1010. | 1.4 | 13 |
| 7 | A Multiple Image-Based Noise Level Estimation Algorithm. IEEE Signal Processing Letters, 2017, 24, 1701-1705. | 3.6 | 11 |
| 8 | A Novel Haptic Interactive Approach to Simulation of Surgery Cutting Based on Mesh and Meshless Models. Journal of Healthcare Engineering, 2018, 2018, 1-16. | 1.9 | 11 |
| 9 | Udwadia-Kalaba Approach for Three Link Manipulator Dynamics With Motion Constraints. IEEE Access, 2019, 7, 49240-49250. | 4.2 | 10 |
| 10 | Finite-Time Trajectory Tracking Control for Rigid 3-DOF Manipulators With Disturbances. IEEE Access, 2018, 6, 45974-45982. | 4.2 | 9 |
| 11 | A fast yet reliable noise level estimation algorithm using shallow CNN-based noise separator and BP network. Signal, Image and Video Processing, 2020, 14, 763-770. | 2.7 | 9 |
| 12 | Image Noise Level Estimation for Rice Noise Based on Extended ELM Neural Network Training Algorithm. IEEE Access, 2019, 7, 1943-1951. | 4.2 | 7 |
| 13 | An improved switching vector median filter for image-based haptic texture generation. , 2012, , . | | 6 |
| 14 | A Two-Stage Noise Level Estimation Using Automatic Feature Extraction and Mapping Model. IEEE Signal Processing Letters, 2019, 26, 179-183. | 3.6 | 6 |
| 15 | An Approach to the Dynamics and Control of Uncertain Robot Manipulators. Algorithms, 2019, 12, 66. | 2.1 | 5 |
| 16 | Comparisons of the Emissions of Ethanol/Diesel and n-Pentanol/Diesel Fuel Blends: Engine Test and Kinetic Modeling Study. IEEE Access, 2019, 7, 106213-106224. | 4.2 | 3 |
| 17 | An Improved Combination of Image Denoisers Using Spatial Local Fusion Strategy. IEEE Access, 2020, 8, 150407-150421. | 4.2 | 3 |
| 18 | Convolutional neural network-based detector for random-valued impulse noise. Journal of Electronic Imaging, 2018, 27, 1. | 0.9 | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Quality-aware features-based noise level estimator for block matching and three-dimensional filtering algorithm. Journal of Electronic Imaging, 2016, 25, 013029. | 0.9 | 2 |
| 20 | AN UNSUPERVISED COLOR-TEXTURE SEGMENTATION USING TWO-STAGE FUZZY c-MEANS ALGORITHM. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1455002. | 1.2 | 1 |
| 21 | A Controller Combining Positive Velocity Feedback with Negative Angle Feedback for a Two-Wheeled Robot. Cybernetics and Information Technologies, 2015, 15, 159-170. | 1.1 | 1 |
| 22 | A novel hybrid rendering approach to soft tissue cutting in surgical simulation. , 2015, , . | | 1 |
| 23 | Analysis and Design of A PMQR-Type Repetitive Control Scheme for Grid-Connected H6 Inverters. Applied Sciences (Switzerland), 2019, 9, 1198. | 2.5 | 1 |
| 24 | A force feedback algorithm for the wave-variable teleoperator with high stability. , 2011, , . | | 0 |
| 25 | A novel haptic rendering algorithm based on vector median filter. , 2011, , . | | 0 |