Xiaolong Zhang

List of Publications by Year
in descending order

25 papers	230 citations	1040018 9 h-index	996954 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 10	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