

# Xiaolong Zhang

## List of Publications by Year in descending order

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25  
papers

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citations

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docs citations

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times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	A fast yet reliable noise level estimation algorithm using shallow CNN-based noise separator and BP network. <i>Signal, Image and Video Processing</i> , 2020, 14, 763-770.	2.7	9
2	An Improved Combination of Image Denoisers Using Spatial Local Fusion Strategy. <i>IEEE Access</i> , 2020, 8, 150407-150421.	4.2	3
3	Comparisons of the Emissions of Ethanol/Diesel and n-Pentanol/Diesel Fuel Blends: Engine Test and Kinetic Modeling Study. <i>IEEE Access</i> , 2019, 7, 106213-106224.	4.2	3
4	A Blind CNN Denoising Model for Random-Valued Impulse Noise. <i>IEEE Access</i> , 2019, 7, 124647-124661.	4.2	19
5	Udwadia-Kalaba Approach for Three Link Manipulator Dynamics With Motion Constraints. <i>IEEE Access</i> , 2019, 7, 49240-49250.	4.2	10
6	An Approach to the Dynamics and Control of Uncertain Robot Manipulators. <i>Algorithms</i> , 2019, 12, 66.	2.1	5
7	Analysis and Design of A PMQR-Type Repetitive Control Scheme for Grid-Connected H6 Inverters. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1198.	2.5	1
8	Fault Diagnosis in Chemical Processes Based on Class-Incremental FDA and PCA. <i>IEEE Access</i> , 2019, 7, 18164-18171.	4.2	16
9	A Two-Stage Noise Level Estimation Using Automatic Feature Extraction and Mapping Model. <i>IEEE Signal Processing Letters</i> , 2019, 26, 179-183.	3.6	6
10	Image Noise Level Estimation for Rice Noise Based on Extended ELM Neural Network Training Algorithm. <i>IEEE Access</i> , 2019, 7, 1943-1951.	4.2	7
11	Optimal Scheduling of Microgrid with Distributed Power Based on Water Cycle Algorithm. <i>Energies</i> , 2018, 11, 2381.	3.1	17
12	Region-based cascade pooling of convolutional features for HRRS image retrieval. <i>Remote Sensing Letters</i> , 2018, 9, 1002-1010.	1.4	13
13	A Novel Haptic Interactive Approach to Simulation of Surgery Cutting Based on Mesh and Meshless Models. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-16.	1.9	11
14	Finite-Time Trajectory Tracking Control for Rigid 3-DOF Manipulators With Disturbances. <i>IEEE Access</i> , 2018, 6, 45974-45982.	4.2	9
15	Convolutional neural network-based detector for random-valued impulse noise. <i>Journal of Electronic Imaging</i> , 2018, 27, 1.	0.9	3
16	No-reference/Blind Image Quality Assessment: A Survey. <i>IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142</i>	3.2	41
17	A Multiple Image-Based Noise Level Estimation Algorithm. <i>IEEE Signal Processing Letters</i> , 2017, 24, 1701-1705.	3.6	11
18	Quality-aware features-based noise level estimator for block matching and three-dimensional filtering algorithm. <i>Journal of Electronic Imaging</i> , 2016, 25, 013029.	0.9	2

#	ARTICLE	IF	CITATIONS
19	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
20	A novel hybrid rendering approach to soft tissue cutting in surgical simulation. , 2015, , .		1
21	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
22	An improved switching vector median filter for image-based haptic texture generation. , 2012, , .		6
23	A New Hybrid Soft Tissue Model for Visio-Haptic Simulation. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3570-3581.	4.7	35
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