

# Lingyan Hu

## List of Publications by Year in descending order

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Adaptive Path Following Controller of a Multijoint Snake Robot Based on the Improved Serpenoid Curve. IEEE Transactions on Industrial Electronics, 2022, 69, 3831-3842.	7.9	20
2	A vortex method of 3D smoke simulation for virtual surgery. Computer Methods and Programs in Biomedicine, 2021, 198, 105813.	4.7	5
3	A highlight effects generation model for translucent materials perception based on directional subsurface scattering. Journal of Intelligent and Fuzzy Systems, 2021, 40, 6195-6204.	1.4	0
4	Second-order adaptive integral terminal sliding mode approach to tracking control of robotic manipulators. IET Control Theory and Applications, 2021, 15, 2145-2157.	2.1	9
5	Stabilisation of a Flexible Spacecraft Subject to External Disturbance and Uncertainties. Complexity, 2020, 2020, 1-13.	1.6	2
6	Research on identification of the corner point of 90° weld based on multi-sensor signal fusion technology. International Journal of Advanced Manufacturing Technology, 2020, 107, 2277-2290.	3.0	5
7	Sliding Mode Control for a Surgical Teleoperation System via a Disturbance Observer. IEEE Access, 2019, 7, 43383-43393.	4.2	15
8	A Highlight-Generation Method for Rendering Translucent Objects. Sensors, 2019, 19, 860.	3.8	3
9	The maximum output force controller and its application to a virtual surgery system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141876588.	2.1	3
10	Convolutional neural network-based detector for random-valued impulse noise. Journal of Electronic Imaging, 2018, 27, 1.	0.9	3
11	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
12	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
13	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
14	Trajectory tracking compensation for teleoperation with transmission delays. Robotica, 2011, 29, 863-871.	1.9	7
15	Mode-dependent switching control of bilateral teleoperation against random denial-of-service attacks. IET Cyber-Physical Systems: Theory and Applications, 0, , .	3.3	1