

# Ying-Long Chen

## List of Publications by Year in descending order

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31  
papers

257  
citations

1162889

8  
h-index

996849

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition of Contact Force and Position of a Flexible Array-Less Capacitive Tactile Sensor. IEEE Sensors Journal, 2022, 22, 130-144.	2.4	7
2	Dynamic Modeling and Experimental Validation of a Water Hydraulic Soft Manipulator Based on an Improved Newton-Euler Iterative Method. Micromachines, 2022, 13, 130.	1.4	9
3	Kinematics Modeling of Soft Manipulator Interacting with Environment Using Segmented Variable Curvature Method. International Journal of Control, Automation and Systems, 2022, 20, 255-267.	1.6	4
4	Static modeling and analysis of soft manipulator considering environment contact based on segmented constant curvature method. Industrial Robot, 2021, 48, 233-246.	1.2	9
5	Modeling of fibrous tow transmission considering residual strain and friction. Textile Research Journal, 2021, 91, 2015-2035.	1.1	2
6	Dynamic Model and Analysis of Soft Manipulator Facing Underwater Complex Environment. , 2021, , .		1
7	An Adaptive Noise Reduction Method Based on Improved Dislocation Superposition Method for Abnormal Noise Fault Component of Automotive Engine. Shock and Vibration, 2021, 2021, 1-14.	0.3	0
8	Modeling, Simulation and Experiment of Electric Potential and Contact Position Based on Flexible Array-less Capacitive Tactile Sensor. , 2021, , .		0
9	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2020, 20, .	0.4	4
10	Novel Design and Modeling of a Soft Pneumatic Actuator Based on Antagonism Mechanism. Actuators, 2020, 9, 107.	1.2	10
11	A Composite Fabric-Based Soft Rehabilitation Glove With Soft Joint for Dementia in Parkinson's Disease. IEEE Journal of Translational Engineering in Health and Medicine, 2020, 8, 1-10.	2.2	21
12	Design, Analysis and Modeling of Flexible Arrayless Tactile Sensor under Sharp Contact. , 2020, , .		2
13	Utilizing Anisotropic Fabrics Composites for High-Strength Soft Manipulator Integrating Soft Gripper. IEEE Access, 2019, 7, 127416-127426.	2.6	11
14	Modeling and analysis of soft manipulator considering coupling effect between actuators. , 2019, , .		0
15	Investigation into the lubricating gap between the ring gear and the case in internal gear pumps. Industrial Lubrication and Tribology, 2018, 70, 454-462.	0.6	2
16	Fuzzy logic control for a hydraulic hybrid excavator based on torque prediction and genetic algorithm optimization. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2018, 232, 983-994.	1.1	8
17	Numerical analysis of the lubricating gap between the gear shaft and the journal bearing in water hydraulic internal gear pumps. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 2297-2314.	1.1	7
18	Numerical Analysis of a Mid-Water Trawl System With a 6-DOF Otter Board Model and Sea-Trial Verification. IEEE Access, 2018, 6, 68429-68439.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Nonlinear Dynamics Modeling and Analysis of Underwater Mud-Penetrator Steering System. IEEE Access, 2018, 6, 51206-51216.	2.6	3
20	Discrete-time sliding mode control with an input filter for an electro-hydraulic actuator. IET Control Theory and Applications, 2017, 11, 1333-1340.	1.2	22
21	Prediction-based stochastic dynamic programming control for excavator. Automation in Construction, 2017, 83, 68-77.	4.8	19
22	Simulation analysis of potential energy recovery system of hydraulic hybrid excavator. International Journal of Precision Engineering and Manufacturing, 2017, 18, 1575-1589.	1.1	23
23	Potential Energy Recovery System of Hydraulic Hybrid Excavator. , 2016, , .		3
24	Investigation of fluid delivery and trapped volume performances of Truninger gear pump by a discretization approach. Advances in Mechanical Engineering, 2016, 8, 168781401667236.	0.8	8
25	A method for improving the simulation efficiency of trawl based on simulation stability criterion. Ocean Engineering, 2016, 117, 63-77.	1.9	7
26	Numerical modeling of current loads on a net cage considering fluid-structure interaction. Journal of Fluids and Structures, 2016, 62, 350-366.	1.5	50
27	Stability Analysis of a Pilot Operated Counterbalance Valve for a Big Flow Rate. , 2014, , .		5
28	Fuzzy robust path tracking strategy of an active pelagic trawl system with coordinated ship and winch regulation. Journal of Central South University, 2014, 21, 167-179.	1.2	5
29	Robust optimal output tracking control of a midwater trawl system based on T-S fuzzy nonlinear model. China Ocean Engineering, 2013, 27, 1-16.	0.6	7
30	Simulation and experiment research on the proportional pressure control of water-assisted injection molding. Chinese Journal of Mechanical Engineering (English Edition), 2012, 25, 430-438.	1.9	7
31	Neural network control approach of a midwater trawl system based on feedback linearization. , 2011, , .		0