Hua-Lin Yang

List of Publications by Year
in descending order

11 papers	293 citations	1307366 7 h-index	1588896 8 g-index
11 all docs	11 docs citations	11 times ranked	206 citing authors

#	Article	IF	Citations
1	Tender Tea Shoots Recognition and Positioning for Picking Robot Using Improved YOLO-V3 Model. IEEE Access, 2019, 7, 180998-181011.	2.6	68
2	Decomposition–based multiinnovation gradient identification algorithms for a special bilinear system based on its input–output representation. International Journal of Robust and Nonlinear Control, 2020, 30, 3607-3623.	2.1	67
3	Computer vision-based high-quality tea automatic plucking robot using Delta parallel manipulator. Computers and Electronics in Agriculture, 2021, 181, 105946.	3.7	47
4	Robust nonlinear model predictive control for reference tracking of dynamic positioning ships based on nonlinear disturbance observer. Ocean Engineering, 2020, 215, 107885.	1.9	42
5	Adaptive Unscented Kalman Filter Based Estimation and Filtering for Dynamic Positioning with Model Uncertainties. International Journal of Control, Automation and Systems, 2019, 17, 667-678.	1.6	36
6	COLREGs: Compliant Dynamic Obstacle Avoidance of USVs Based on the Dynamic Navigation Ship Domain. Journal of Marine Science and Engineering, 2021, 9, 837.	1.2	15
7	UKF Based Nonlinear Offset-free Model Predictive Control for Ship Dynamic Positioning Under Stochastic Disturbances. International Journal of Control, Automation and Systems, 2019, 17, 3079-3090.	1.6	13
8	A Numerical Analysis of the Effect of Impeller Rounding on Centrifugal Pump as Turbine. Processes, 2021, 9, 1673.	1.3	5
9	Seismic analysis of boiler steel frame. , 2010, , .		0
10	Research of the Part Family Master Model Automatic Variant Technology Based on Web Server. , 2012, , .		0
11	Path Following Control of Underactuated USV Based on Backstepping Control and Disturbance Observer. , 2021, , .		0