Mingxiao Sun

List of Publications by Year
in descending order

15 papers	**123** citations	1478505 **6** h-index	1372567 **10** g-index
15 all docs	**15** docs citations	**15** times ranked	**57** citing authors

#	Article	IF	Citations
1	Design of a Real-Time Salinity Detection System for Water Injection Wells Based on Fuzzy Control. Sensors, 2021, 21, 3086.	3.8	5
2	A novel T-S fuzzy robust control for part transportation of aircraft carrier considering transportation time and stochastic demand. Aerospace Science and Technology, 2021, 119, 107096.	4.8	10
3	A Novel Control System of Ship Fin Stabilizer Using Force Sensor to Measure Dynamic Lift. IEEE Access, 2018, 6, 60513-60531.	4.2	6
4	Evaluation for Sortie Generation Capacity of the Carrier Aircraft Based on the Variable Structure RBF Neural Network with the Fast Learning Rate. Complexity, 2018, 2018, 1-19.	1.6	5
5	RBF neural network compensation-based adaptive control for lift-feedback system of ship fin stabilizers to improve anti-rolling effect. Ocean Engineering, 2018, 163, 307-321.	4.3	35
6	An Evaluation Method for Sortie Generation Capacity of Carrier Aircrafts with Principal Component Reduction and Catastrophe Progression Method. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	6
7	Design Fuzzy Input-Based Adaptive Sliding Mode Control for Vessel Lift-Feedback Fin Stabilizers with Shock and Vibration of Waves. Shock and Vibration, 2017, 2017, 1-13.	0.6	7
8	Design and Analyze a New Measuring Lift Device for Fin Stabilizers Using Stiffness Matrix of Euler-Bernoulli Beam. PLoS ONE, 2017, 12, e0168972.	2.5	16
9	Evaluation analysis for sortie generation of carrier aircrafts based on nonlinear fuzzy matter-element method. Journal of Intelligent and Fuzzy Systems, 2016, 31, 3055-3066.	1.4	5
10	Design sliding mode control of fuzzy switching gain for lift-feedback fin stabilizers. , 2016, , .		6
11	Research on uncertain and nonlinear dynamic weapons dispatching system using fuzzy robust control. , 2016, , .		0
12	Control System Design of Anti-rolling Tank Swing Bench Using BP Neural Network PID Based on LabVIEW. International Journal of Smart Home, 2015, 9, 1-10.	0.4	13
13	H$_{\infty}$ output feedback control method for the T-Foil of the Wave Piercing Catamaran. , 2014, , .		1
14	Ride control method of wave-piercing catamaran with T-foil and flaps. , 2014, , .		6
15	Loop shaping-based robust controlin hydraulic servo system. , 2013, , .		2