Lu Liu

List of Publications by Year
in descending order

18 papers	**243** citations	1162367 **8** h-index	996533 **15** g-index
18 all docs	**18** docs citations	**18** times ranked	**177** citing authors

#	Article	IF	Citations
1	Multi-AUV Dynamic Maneuver Countermeasure Algorithm Based on Interval Information Game and Fractional-Order DE. Fractal and Fractional, 2022, 6, 235.	1.6	33
2	Stationary Response of a Kind of Nonlinear Stochastic Systems with Variable Mass and Fractional Derivative Damping. Fractal and Fractional, 2022, 6, 342.	1.6	2
3	Multi-AUV Cooperative Navigation Algorithm Based on Temporal Difference Method. Journal of Marine Science and Engineering, 2022, 10, 955.	1.2	8
4	Two AUVs Guidance Method for Self-Reconfiguration Mission Based on Monocular Vision. IEEE Sensors Journal, 2021, 21, 10082-10090.	2.4	14
5	Robust PIλ controller design for AUV motion control with guaranteed frequency and time domain behaviour. IET Control Theory and Applications, 2021, 15, 784-792.	1.2	8
6	Design, Implementation, and Validation of Robust Fractional-Order PD Controller for Wheeled Mobile Robot Trajectory Tracking. Complexity, 2020, 2020, 1-12.	0.9	7
7	Multi-UUV Cooperative Dynamic Maneuver Decision-Making Algorithm Using Intuitionistic Fuzzy Game Theory. Complexity, 2020, 2020, 1-11.	0.9	6
8	Synthesised fractional‐order PD controller design for fractional‐order time‐delay systems based on improved robust stability surface analysis. IET Control Theory and Applications, 2020, 14, 3723-3730.	1.2	4
9	Robust FOPID controller design for fractional‐order delay systems using positive stability region analysis. International Journal of Robust and Nonlinear Control, 2019, 29, 5195-5212.	2.1	21
10	Cooperative Navigation Based on Cross Entropy: Dual Leaders. IEEE Access, 2019, 7, 151378-151388.	2.6	8
11	Robust stability analysis for fractional‐order systems with time delay based on finite spectrum assignment. International Journal of Robust and Nonlinear Control, 2019, 29, 2283-2295.	2.1	25
12	LMI-Based Stability of Nonlinear Non-Autonomous Fractional-Order Systems With Multiple Time Delays. IEEE Access, 2019, 7, 12016-12026.	2.6	10
13	Industrial feedforward control technology: a review. Journal of Intelligent Manufacturing, 2019, 30, 2819-2833.	4.4	37
14	Continuous fractional-order Zero Phase Error Tracking Control. ISA Transactions, 2018, 75, 226-235.	3.1	26
15	Normalized Robust FOPID Controller Regulation Based on Small Gain Theorem. Complexity, 2018, 2018, 1-10.	0.9	3
16	Robust Fractional-Order PID Controller Tuning Based on Bode's Optimal Loop Shaping. Complexity, 2018, 2018, 1-14.	0.9	16
17	General type industrial temperature system control based on fuzzy fractional-order PID controller. Complex & Intelligent Systems, 0, , 1.	4.0	12
18	Active vibration control of typical piping system of a nuclear power plant based on fractional PI controller. International Journal of Dynamics and Control, 0, , 1.	1.5	3