

Lu Liu

List of Publications by Year in descending order

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177
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial feedforward control technology: a review. Journal of Intelligent Manufacturing, 2019, 30, 2819-2833.	4.4	37
2	Multi-AUV Dynamic Maneuver Countermeasure Algorithm Based on Interval Information Game and Fractional-Order DE. Fractal and Fractional, 2022, 6, 235.	1.6	33
3	Continuous fractional-order Zero Phase Error Tracking Control. ISA Transactions, 2018, 75, 226-235.	3.1	26
4	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
5	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
6	Robust Fractional-Order PID Controller Tuning Based on Bode's Optimal Loop Shaping. Complexity, 2018, 2018, 1-14.	0.9	16
7	Two AUVs Guidance Method for Self-Reconfiguration Mission Based on Monocular Vision. IEEE Sensors Journal, 2021, 21, 10082-10090.	2.4	14
8	General type industrial temperature system control based on fuzzy fractional-order PID controller. Complex & Intelligent Systems, 0, , 1.	4.0	12
9	LMI-Based Stability of Nonlinear Non-Autonomous Fractional-Order Systems With Multiple Time Delays. IEEE Access, 2019, 7, 12016-12026.	2.6	10
10	Cooperative Navigation Based on Cross Entropy: Dual Leaders. IEEE Access, 2019, 7, 151378-151388.	2.6	8
11	Robust PI ^λ 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
12	Multi-AUV Cooperative Navigation Algorithm Based on Temporal Difference Method. Journal of Marine Science and Engineering, 2022, 10, 955.	1.2	8
13	Design, Implementation, and Validation of Robust Fractional-Order PD Controller for Wheeled Mobile Robot Trajectory Tracking. Complexity, 2020, 2020, 1-12.	0.9	7
14	Multi-UUV Cooperative Dynamic Maneuver Decision-Making Algorithm Using Intuitionistic Fuzzy Game Theory. Complexity, 2020, 2020, 1-11.	0.9	6
15	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
16	Normalized Robust FOPID Controller Regulation Based on Small Gain Theorem. Complexity, 2018, 2018, 1-10.	0.9	3
17	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
18	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