Fangfei Cao

List of Publications by Year
in descending order

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16 papers	292 citations	1039406 9 h-index	1058022 14 g-index
16 all docs	16 docs citations	16 times ranked	197 citing authors

#	Article	IF	Citations
1	A Novel Framework of Cooperative Design: Bringing Active Fault Diagnosis Into Fault-Tolerant Control. IEEE Transactions on Cybernetics, 2023, 53, 3301-3310.	6.2	16
2	Adaptive vibration control for constrained moving vehicle-mounted nonlinear 3D rigid-flexible manipulator system subject to actuator failures. JVC/Journal of Vibration and Control, 2023, 29, 4155-4171.	1.5	1
3	Boundary control for PDE flexible manipulators: Accommodation to both actuator faults and sensor faults. Asian Journal of Control, 2022, 24, 1700-1712.	1.9	6
4	Active fault isolation of over-actuated systems based on a control allocation approach. IEEE Transactions on Instrumentation and Measurement, 2022, , 1-1.	2.4	9
5	Vibration control of flexible manipulator with unknown control direction. International Journal of Control, 2021, 94, 2690-2702.	1.2	11
6	Nonlinear Partial Differential Equation Model-Based Coordination Control for a Masterâ€“Slave Two-Link Rigidâ€“Flexible Manipulator With Vibration Repression. Journal of Computational and Nonlinear Dynamics, 2021, 16, .	0.7	1
7	Adaptive neural network control of an arm-string system with actuator fault based on a PDE model. JVC/Journal of Vibration and Control, 2019, 25, 172-181.	1.5	23
8	Boundary vibration control for a two-link rigidâ€“flexible manipulator with quantized input. JVC/Journal of Vibration and Control, 2019, 25, 2935-2945.	1.5	18
9	Partial differential equation modeling and vibration control for a nonlinear 3D rigidâ€flexible manipulator system with actuator faults. International Journal of Robust and Nonlinear Control, 2019, 29, 3793-3807.	2.1	17
10	Optimal trajectory control for a twoâ€link rigidâ€flexible manipulator with ODEâ€PDE model. Optimal Control Applications and Methods, 2018, 39, 1515-1529.	1.3	17
11	Boundary control for a constrained two-link rigidâ€“flexible manipulator with prescribed performance. International Journal of Control, 2018, 91, 1091-1103.	1.2	27
12	Adaptive actuator fault compensation control for a rigid-flexible manipulator with ODEs-PDEs model. International Journal of Systems Science, 2018, 49, 1748-1759.	3.7	27
13	Vibration control for a rigid-flexible manipulator with full state constraints via Barrier Lyapunov Function. Journal of Sound and Vibration, 2017, 406, 237-252.	2.1	45
14	An adaptive iterative learning algorithm for boundary control of a coupled ODEâ€“PDE two-link rigidâ€“flexible manipulator. Journal of the Franklin Institute, 2017, 354, 277-297.	1.9	71
15	Trajectory optimization of a flexible manipulator using backstepping in the form of partial differential equations. , 2017, , .		0
16	Nonlinear partial differential equation modeling and adaptive faultâ€tolerant vibration control of flexible rotatable manipulator in threeâ€dimensional space. International Journal of Adaptive Control and Signal Processing, 0, , .	2.3	3