

Guichao Yang

List of Publications by Year in descending order

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papers

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docs citations

21
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Output feedback control of electro-hydraulic servo actuators with matched and mismatched disturbances rejection. <i>Journal of the Franklin Institute</i> , 2019, 356, 9152-9179.	1.9	60
2	Neuroadaptive control of saturated nonlinear systems with disturbance compensation. <i>ISA Transactions</i> , 2022, 122, 49-62.	3.1	57
3	Neuroadaptive learning algorithm for constrained nonlinear systems with disturbance rejection. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 6127-6147.	2.1	53
4	Adaptive integral robust control of hydraulic systems with asymptotic tracking. <i>Mechatronics</i> , 2016, 40, 78-86.	2.0	45
5	Nonlinear adaptive output feedback robust control of hydraulic actuators with largely unknown modeling uncertainties. <i>Applied Mathematical Modelling</i> , 2020, 79, 824-842.	2.2	45
6	Disturbance compensation based asymptotic tracking control for nonlinear systems with mismatched modeling uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2993-3010.	2.1	34
7	High-precision motion servo control of double-rod electro-hydraulic actuators with exact tracking performance. <i>ISA Transactions</i> , 2020, 103, 266-279.	3.1	32
8	Internal Leakage Fault Detection and Tolerant Control of Single-Rod Hydraulic Actuators. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-14.	0.6	26
9	Asymptotic output tracking control of electro-hydraulic systems with unmatched disturbances. <i>IET Control Theory and Applications</i> , 2016, 10, 2543-2551.	1.2	23
10	High dynamic feedback linearization control of hydraulic actuators with backstepping. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2015, 229, 728-737.	0.7	21
11	Adaptive Robust Motion Control of Direct-Drive DC Motors with Continuous Friction Compensation. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-14.	0.3	18
12	Command filtered robust control of nonlinear systems with full-state time-varying constraints and disturbances rejection. <i>Nonlinear Dynamics</i> , 2020, 101, 2325-2342.	2.7	16
13	Output feedback adaptive RISE control for uncertain nonlinear systems. <i>Asian Journal of Control</i> , 2023, 25, 433-442.	1.9	14
14	Dual extended state observer-based backstepping control of electro-hydraulic servo systems with time-varying output constraints. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 1070-1080.	1.1	12
15	Remaining Useful Life Assessment of Slewing Bearing Based on Spatial-Temporal Sequence. <i>IEEE Access</i> , 2020, 8, 9739-9750.	2.6	6
16	Disturbance-Compensation-Based Multilayer Neuroadaptive Control of MIMO Uncertain Nonlinear Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1487-1491.	2.2	5
17	Multilayer neural network based asymptotic motion control of saturated uncertain robotic manipulators. <i>Applied Intelligence</i> , 2022, 52, 2586-2598.	3.3	5
18	Adaptive robust control for unknown nonlinear parameters of single-rod hydraulic actuators. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	High precise tracking control for a chain of integrator systems with modelling uncertainties. Transactions of the Institute of Measurement and Control, 2017, 39, 1710-1720.	1.1	4
20	Neuroadaptive control of information-poor servomechanisms with smooth and nonsmooth uncertainties. Complex & Intelligent Systems, 0, , 1.	4.0	3
21	Robust adaptive control of a class of uncertain nonlinear systems with time-varying output constraints. , 2016, , .		1