

Guichao Yang

List of Publications by Year in descending order

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21
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260
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Adaptive robust control for unknown nonlinear parameters of single-rod hydraulic actuators. , 2014, , .		4
20	Adaptive Robust Motion Control of Direct-Drive DC Motors with Continuous Friction Compensation. Abstract and Applied Analysis, 2013, 2013, 1-14.	0.3	18
21	Neuroadaptive control of information-poor servomechanisms with smooth and nonsmooth uncertainties. Complex & Intelligent Systems, 0, , 1.	4.0	3