Xingyong Song

List of Publications by Citations

22 papers	129 citations	6 h-index	10 g-index
29 ext. papers	174 ext. citations	3.2 avg, IF	3.52 L-index

#	Paper	IF	Citations
22	Integrated Powertrain Energy Management and Vehicle Coordination for Multiple Connected Hybrid Electric Vehicles. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 2893-2899	6.8	34
21	Robust stabilizer design for linear time-varying internal model based output regulation and its application to an electrohydraulic system. *Automatica*, **2014**, 50, 1128-1134	5.7	25
20	Computationally Efficient Down-Hole Drilling System Dynamics Modeling Integrating Finite Element and Transfer Matrix. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2017**, 139,	1.6	11
19	Control of Down-Hole Drilling Process Using a Computationally Efficient Dynamic Programming Method. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2018**, 140,	1.6	9
18	Trajectory Tracking and Rate of Penetration Control of Downhole Vertical Drilling System. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2018**, 140,	1.6	7
17	Active Damping of Acoustic Ringing Effect for Oil Well Sonic Logging System. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 3423-3432	8.9	7
16	Control of a vertical drilling system using a cascade sliding mode controller **2017**,		6
15	Powertrain Energy Management for Autonomous Hybrid Electric Vehicles With Flexible Driveline Power Demand. *IEEE Transactions on Control Systems Technology*, **2019**, 27, 2229-2236	4.8	5
14	Event-Triggered Modified Repetitive Control for Periodic Signal Tracking. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 86-90	3.5	5
13	Low-Order Stabilizer Design for Discrete Linear Time-Varying Internal Model-Based System. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 2666-2677	5.5	4
12	Control of a Downhole Drilling System Using Integral Barrier Lyapunov Functionals **2019**,		4
11	Observer Design for a Wellbore Drilling System With Downhole Measurement Feedback. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2018**, 140,	1.6	3
10	Drilling Control System Using an Equivalent Input Disturbance-Based Control With a Neutral-Type Axial-Torsional Coupled Dynamics Model. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2019**, 141,	1.6	2
9	Iterative Learning Control for a Type of Modified Smith Predictor. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2020**, 142,	1.6	2
8	Sub-optimal tracking in switched systems with fixed final time and fixed mode sequence using reinforcement learning. *Neurocomputing*, **2021**, 420, 197-209	5.4	2
7	State Barrier Avoidance Control Design Using a Diffeomorphic Transformation Based Method **2020**,		1
6	Control of a downhole drilling system using an integral Barrier Lyapunov Function based method. *International Journal of Control*,1-14	1.5	1

5	An LMI based approach to stabilize a type of nonlinear uncertain neutral-type delay systems. *International Journal of Dynamics and Control*, **2021**, 9, 1188-1196	1.7	0
4	Addressing Complex State Constraints in the Integral Barrier Lyapunov Function Based Adaptive Tracking Control. *International Journal of Control*,1-0	1.5	
3	Design and control of an automatic high-viscosity sealant filling system. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2021**, 235, 1237-1244	1	
2	Design and simulation of a lab-scale down-hole drilling system. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, **2019**, 233, 2591-2598	1.3	
1	. *IEEE Transactions on Control Systems Technology*, **2021**, 1-12	4.8	