

Zheng Tian

List of Publications by Year in descending order

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9
papers

147
citations

1306789
7
h-index

1719596
7
g-index

10
all docs

10
docs citations

10
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive tracking controller design for double-pendulum tower cranes. Mechanism and Machine Theory, 2020, 153, 103980.	2.7	32
2	Motion planning approach for payload swing reduction in tower cranes with double-pendulum effect. Journal of the Franklin Institute, 2020, 357, 8299-8320.	1.9	32
3	Load swing rejection for double-pendulum tower cranes using energy-shaping-based control with actuator output limitation. ISA Transactions, 2020, 101, 246-255.	3.1	22
4	Swing suppression control in tower cranes with time-varying rope length using real-time modified trajectory planning. Automation in Construction, 2021, 132, 103954.	4.8	22
5	Partial enhanced-coupling control approach for trajectory tracking and swing rejection in tower cranes with double-pendulum effect. Mechanical Systems and Signal Processing, 2021, 156, 107613.	4.4	15
6	Sway and disturbance rejection control for varying rope tower cranes suffering from friction and unknown payload mass. Nonlinear Dynamics, 2021, 105, 3149-3165.	2.7	13
7	Transportation and swing reduction for double-pendulum tower cranes using partial enhanced-coupling nonlinear controller with initial saturation. ISA Transactions, 2021, 112, 122-136.	3.1	11
8	Sliding Mode Control Approach for Double-Pendulum Rotary Cranes. , 2021, , .		0
9	Swing Suppression Task in Double-pendulum Tower Cranes Using Robust Adaptive Sliding Mode Controller. Journal of Physics: Conference Series, 2022, 2213, 012004.	0.3	0