Khaled A Alhazza

List of Publications by Year
in descending order

38	532	759055 12	677027 22
papers	citations	h-index	g-index

39	39	39	299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Smooth and robust multi-mode shaped commands. Mechanical Systems and Signal Processing, 2022, 168, 108658.	4.4	3
2	A close-form command shaping control for point-to-point maneuver with nonzero initial and final conditions. Mechanical Systems and Signal Processing, 2022, 170, 108804.	4.4	4
3	Multimode velocity-delayed feedback vibration control of plates using a single sensor and a single actuator. JVC/Journal of Vibration and Control, 2021, 27, 2564-2573.	1.5	1
4	Command Shaping Control of a Vertically Rotating Flexible Beam. , 2019, , .		0
5	A Single-Mode Smooth Wave-Form Command Shaping Control Applied on a Flexible Rotating Beam. , 2018, , .		0
6	Adjustable-Smooth Polynomial Command-Shaping Control With Linear Hoisting. Journal of Vibration and Acoustics, Transactions of the ASME, 2018, 140, .	1.0	7
7	Adjustable maneuvering time wave-form command shaping control with variable hoisting speeds. JVC/Journal of Vibration and Control, 2017, 23, 1095-1105.	1.5	15
8	A smooth multimode waveform command shaping control with selectable command length. Journal of Sound and Vibration, 2017, 397, 1-16.	2.1	24
9	Waveform command shaping control of multimode systems. Journal of Sound and Vibration, 2016, 363, 126-140.	2.1	13
10	Multi-Mode Vibration Control of Plates Using a Single Actuator and a Single Sensor. , 2016, , .		1
11	Multimode Input Shaping Control of Flexible Structures Using Frequency Modulation. , 2016, , .		1
12	A Smooth Waveâ€Form Shaped Command with Flexible Maneuvering Time: Analysis and Experiments. Asian Journal of Control, 2016, 18, 1376-1384.	1.9	17
13	Frequency-modulation input shaping for multimode systems. JVC/Journal of Vibration and Control, 2016, 22, 3439-3451.	1.5	6
14	A Discretized Optimization Strategy for Rest-to-Rest Maneuvers of Overhead Cranes Considering the Effect of Damping. , 2015, , .		4
15	A Multi-Mode Smooth Command Shaper With an Adjustable Maneuver Time. , 2015, , .		4
16	Discrete-time command profile for simultaneous travel and hoist maneuvers of overhead cranes. Journal of Sound and Vibration, 2015, 345, 47-57.	2.1	33
17	An Iterative Learning Control Technique for Point-to-Point Maneuvers Applied on an Overhead Crane. Shock and Vibration, 2014, 2014, 1-11.	0.3	23
18	Frequency-Modulation Input Shaping Control of Double-Pendulum Overhead Cranes. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	0.9	44

#	ARTICLE	IF	CITATIONS
19	A hybrid command-shaper for double-pendulum overhead cranes. JVC/Journal of Vibration and Control, 2014, 20, 24-37.	1.5	63
20	A Smooth Wave-Form Command Shaping Control. , 2013, , .		5
21	Experimental and Numerical Validation on a Continuous Modulated Wave-Form Command Shaping Control Considering the Effect of Hoisting. , 2013, , .		4
22	A Frequency-Modulation Command-Shaping Strategy for Multi-Mode Systems. , 2013, , .		3
23	Experimental Validation on a Continuous Modulated Wave-Form Command Shaping Applied on Damped Systems. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 445-451.	0.3	6
24	Free vibrations control of a cantilever beam using combined time delay feedback. JVC/Journal of Vibration and Control, 2012, 18, 609-621.	1.5	28
25	Command-Shaping Control System for Double-Pendulum Gantry Cranes. , 2011, , .		3
26	On primary resonances of weakly nonlinear delay systems with cubic nonlinearities. Nonlinear Dynamics, 2011, 64, 253-277.	2.7	26
27	A Continuous Modulated Wave-Form Command Shaping for Damped Overhead Cranes. , 2011, , .		6
28	Optimum Design of Cantilevered Piezoelectric Harvester Based on Distributed Parameter Model. , 2011, , .		1
29	A Novel Wave-Form Command-Shaping Control With Application on Overhead Cranes. , 2010, , .		16
30	On utilizing delayed feedback for active-multimode vibration control of cantilever beams. Journal of Sound and Vibration, 2009, 319, 735-752.	2.1	58
31	Non-linear vibrations of parametrically excited cantilever beams subjected to non-linear delayed-feedback control. International Journal of Non-Linear Mechanics, 2008, 43, 801-812.	1.4	49
32	Non-linear vibrations of cantilever beams with feedback delays. International Journal of Non-Linear Mechanics, 2008, 43, 962-978.	1.4	29
33	Graded Finite Element Modeling of Constrained Layer Damping Treatments with Functionally Graded Viscoelastic Material. Journal of Intelligent Material Systems and Structures, 2008, 19, 469-474.	1.4	2
34	Nonlinear free vibration control of beams using acceleration delayed-feedback control. Smart Materials and Structures, 2008, 17, 015002.	1.8	12
35	Delayed-Acceleration Feedback for Active-Multimode Vibration Control of Cantilever Beams. , 2007, , 729.		0
36	Feedback Delays for Ultrasensitive Sensing. , 2007, , .		1

#	Article	IF	Citations
37	Effect of Feedback Delays on Nonlinear Vibrations of Cantilever Beams. , 2007, , .		0
38	A Review of the Vibrations of Plates and Shells. The Shock and Vibration Digest, 2004, 36, 377-395.	6.2	20