Ya Huang

List of Publications by Year
in descending order

13	279	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observer-based fixed-time continuous nonsingular terminal sliding mode control of quadrotor aircraft under uncertainties and disturbances for robust trajectory tracking: Theory and experiment. Control Engineering Practice, 2021, 111, 104806.	5.5	52
2	Scene perception guided crowd anomaly detection. Neurocomputing, 2020, 414, 291-302.	5.9	36
3	Nonlinear dual-axis biodynamic response of the semi-supine human body during vertical whole-body vibration. Journal of Sound and Vibration, 2008, 312, 296-315.	3.9	33
4	Nonlinearity in apparent mass and transmissibility of the supine human body during vertical whole-body vibration. Journal of Sound and Vibration, 2009, 324, 429-452.	3.9	31
5	A Methodology for Combined Rotation-Extension Testing of Simple Steel Beam to Column Joints at High Rates of Loading. Experimental Mechanics, 2012, 52, 1097-1109.	2.0	29
6	Effect of voluntary periodic muscular activity on nonlinearity in the apparent mass of the seated human body during vertical random whole-body vibration. Journal of Sound and Vibration, 2006, 298, 824-840.	3.9	21
7	Nonlinear dual-axis biodynamic response of the semi-supine human body during longitudinal horizontal whole-body vibration. Journal of Sound and Vibration, 2008, 312, 273-295.	3.9	18
8	Combining Multiple Criteria Decision Making with Vector Manipulation to Decide on the Direction for a Powered Wheelchair. Advances in Intelligent Systems and Computing, 2020, , 680-693.	0.6	15
9	Improving Human-Machine Interaction for a Powered Wheelchair Driver by Using Variable-Switches and Sensors that Reduce Wheelchair-Veer. Advances in Intelligent Systems and Computing, 2020, , 1173-1191.	0.6	13
10	Identification of biomechanical nonlinearity in whole-body vibration using a reverse path multi-input-single-output method. Journal of Sound and Vibration, 2018, 419, 337-351.	3.9	10
11	A Method to Produce Minimal Real Time Geometric Representations of Moving Obstacles. Advances in Intelligent Systems and Computing, 2019, , 881-892.	0.6	10
12	Principal component analysis of the cross-axis apparent mass nonlinearity during whole-body vibration. Mechanical Systems and Signal Processing, 2021, 146, 107008.	8.0	9
13	Autonomous boat dynamics: How far away is simulation from the high sea?. , 2017, , .		2