

Ya Huang

List of Publications by Year in descending order

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13
papers

279
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

129
citing authors

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