Yunn-Lin Hwang

List of Publications by Year
in descending order

16 papers	63 citations	2258059 3 h-index	1720034 7 g-index
16 all docs	16 docs citations	16 times ranked	34 citing authors

#	Article	IF	Citations
1	Recursive Newton–Euler formulation for flexible dynamic manufacturing analysis of open-loop robotic systems. International Journal of Advanced Manufacturing Technology, 2006, 29, 598-604.	3.0	16
2	Recursive newton-euler formulation for flexible dynamic manufacturing analysis of open-loop robotic systems. International Journal of Advanced Manufacturing Technology, 2006, 29, 598-604.	3.0	16
3	Decoupling joint and elastic accelerations in deformable mechanical systems using non-linear recursive formulations. International Journal for Numerical Methods in Engineering, 2008, 73, 273-295.	2.8	4
4	Model Updating and Structural Optimization of Circular Saw Blades with Internal Slots. Advances in Mechanical Engineering, 2014, 6, 546496.	1.6	4
5	The Kinematic and Dynamic Analysis of Hydraulic Control System Based on the Lagrangian Force Method. International Journal of Computational Methods, 2018, 15, 1850041.	1.3	4
6	Using Zero Moment Point preview control formulation to generate nonlinear trajectories of walking patterns on humanoid robots. , 2015, , .		3
7	The friction effects for contact force analysis of three-axes CNC machine tool. Industrial Lubrication and Tribology, 2018, 70, 1527-1535.	1.3	3
8	Dynamic analysis and control of multibody systems using nonlinear combination methods. International Journal for Numerical Methods in Biomedical Engineering, 2011, 27, 1583-1610.	2.1	2
9	Recent Advances in Precision Machinery and Manufacturing Technology. Advances in Mechanical Engineering, 2014, 6, 508592.	1.6	2
10	Dynamics Analysis and Numerical Simulation of Large-Scale Hydraulic Cylinder Actuators. Applied Mechanics and Materials, 2020, 900, 14-19.	0.2	2
11	Uncertainty Analysis of CNC Machine Tools Based on Monte Carlo Method. Applied Mechanics and Materials, 0, 900, 9-13.	0.2	2
12	A Multidisciplinary Approach for Optimization Design of CNC Machine Tools. International Journal of Computational Methods, 0, , 2150028.	1.3	2
13	Nonlinear recursive method to solid deformable structure dynamic problems. Communications in Numerical Methods in Engineering, 2006, 22, 975-1002.	1.3	1
14	Kinematic and dynamic analysis of open-loop mechanical systems using non-linear recursive formulation. Communications in Numerical Methods in Engineering, 2006, 22, 1129-1153.	1.3	1
15	Analysis of mechanical vibrations and forces using amalgamated decoupling method in multibody mechanical systems. Communications in Numerical Methods in Engineering, 2008, 24, 1553-1566.	1.3	1
16	Inverse Kinematic Simulation of Industrial Robotic Manipulators Using RecurDyn and Matlab with Experiment Verification. Applied Mechanics and Materials, 2020, 900, 35-43.	0.2	0