

# Jaime Rubio Hervas

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

209  
citations

1478458

6  
h-index

1872665

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics and control of space vehicles with multiple fuel slosh modes. Control Engineering Practice, 2012, 20, 912-918.	5.5	57
2	Thrust-vector control of a three-axis stabilized upper-stage rocket with fuel slosh dynamics. Acta Astronautica, 2014, 98, 120-127.	3.2	37
3	Nonlinear modeling and control of slosh in liquid container transfer via a PPR robot. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1481-1490.	3.3	22
4	Robotically controlled sloshing suppression in point-to-point liquid container transfer. JVC/Journal of Vibration and Control, 2013, 19, 2137-2144.	2.6	20
5	Nonlinear control of a spacecraft with multiple fuel slosh modes. , 2011, , .		18
6	Nonlinear control of space vehicles with multi-mass fuel slosh dynamics. , 2011, , .		13
7	Observer-based nonlinear control of space vehicles with multi-mass fuel slosh dynamics. , 2014, , .		9
8	Thrust Vector Control of an Upper-Stage Rocket with Multiple Propellant Slosh Modes. Mathematical Problems in Engineering, 2012, 2012, 1-18.	1.1	8
9	Thrust-vector control of a three-axis stabilized spacecraft with fuel slosh dynamics. , 2013, , .		8
10	On the nonlinear modeling of systems with higher-order nonholonomic constraints. , 2013, , .		7
11	Controllability and stabilizability of a class of systems with higher-order nonholonomic constraints. Automatica, 2015, 54, 229-234.	5.0	7
12	Controllability and stabilizability of higher-order nonholonomic systems. , 2013, , .		3
13	Observer-based nonlinear control of slosh in liquid container transfer via a PPR robot. , 2013, , .		0