Javier Velasco

List of Publications by Year
in descending order

13	132	1307594 7	1281871 11
papers	citations	h-index	g-index

13	13	13	139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of a Stewart platform inspection system with an artificial neural network controller. Precision Engineering, 2022, 74, 369-381.	3.4	1
2	Multi-parameter optical gauge based on mode coupling effect in asymmetric index multi-core fibres. Optics and Lasers in Engineering, 2022, 154, 107047.	3.8	3
3	Design and Performance of a XBee 900 MHz Acquisition System Aimed at Industrial Applications. Applied Sciences (Switzerland), 2021, 11, 8174.	2.5	1
4	High-Performance Tracking for Piezoelectric Actuators Using Super-Twisting Algorithm Based on Artificial Neural Networks. Mathematics, 2021, 9, 244.	2.2	11
5	Sliding Mode Control with Dynamical Correction for Time-Delay Piezoelectric Actuator Systems. Materials, 2020, 13, 132.	2.9	9
6	Experimental Validation of a Sliding Mode Control for a Stewart Platform Used in Aerospace Inspection Applications. Mathematics, 2020, 8, 2051.	2.2	25
7	Advances in Tracking Control for Piezoelectric Actuators Using Fuzzy Logic and Hammerstein-Wiener Compensation. Mathematics, 2020, 8, 2071.	2.2	13
8	Feedforward Compensation Analysis of Piezoelectric Actuators Using Artificial Neural Networks with Conventional PID Controller and Single-Neuron PID Based on Hebb Learning Rules. Energies, 2020, 13, 3929.	3.1	16
9	Building Wireless Control Applications with XBee and LabVIEW. Applied Sciences (Switzerland), 2019, 9, 2379.	2.5	7
10	Miniature interferometric humidity sensor based on an off-center polymer cap onto optical fiber facet. Sensors and Actuators B: Chemical, 2019, 297, 126700.	7.8	23
11	Sliding Mode-Based Robust Control for Piezoelectric Actuators with Inverse Dynamics Estimation. Energies, 2019, 12, 943.	3.1	18
12	Strongly coupled multi-core fiber-based interferometer for high temperature sensing. , 2019, , .		0
13	Tracking Control for Piezoelectric Actuators with Advanced Feed-forward Compensation Combined with PI Control.. , 0, , .		5