

Silvia Satorres Martínez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7254626/publications.pdf>

Version: 2024-02-01

26
papers

313
citations

1040056

9
h-index

996975

15
g-index

27
all docs

27
docs citations

27
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality inspection of machined metal parts using an image fusion technique. Measurement: Journal of the International Measurement Confederation, 2017, 111, 374-383.	5.0	62
2	An industrial vision system for surface quality inspection of transparent parts. International Journal of Advanced Manufacturing Technology, 2013, 68, 1123-1136.	3.0	48
3	A machine vision system for defect characterization on transparent parts with non-plane surfaces. Machine Vision and Applications, 2012, 23, 1-13.	2.7	47
4	Robotic Software Architecture for Multisensor Fusion System. IEEE Transactions on Industrial Electronics, 2009, 56, 766-777.	7.9	34
5	Prediction of Fruity Aroma Intensity and Defect Presence in Virgin Olive Oil Using an Electronic Nose. Sensors, 2021, 21, 2298.	3.8	19
6	Fast and Reliable Determination of Virgin Olive Oil Quality by Fruit Inspection Using Computer Vision. Sensors, 2018, 18, 3826.	3.8	18
7	A sensor planning system for automated headlamp lens inspection. Expert Systems With Applications, 2009, 36, 8768-8777.	7.6	16
8	Industrial assembly of parts with dimensional variations. Case study: Assembling vehicle headlamps. Robotics and Computer-Integrated Manufacturing, 2011, 27, 1001-1010.	9.9	10
9	A novel model-driven approach to support development cycle of robotic systems. International Journal of Advanced Manufacturing Technology, 2016, 82, 737-751.	3.0	10
10	3D object recognition for anthropomorphic robots performing tracking tasks. International Journal of Advanced Manufacturing Technology, 2019, 104, 1403-1412.	3.0	6
11	The Advantage of Multispectral Images in Fruit Quality Control for Extra Virgin Olive Oil Production. Food Analytical Methods, 0, , 1.	2.6	6
12	Visual Predictive Control of Robot Manipulators Using a 3D ToF Camera. , 2013, , .		5
13	High-accuracy automatic system to assemble vehicle headlamps. , 2009, , .		4
14	A dynamic lighting system for automated visual inspection of headlamp lenses. , 2009, , .		4
15	Expert system based controller for the high-accuracy automatic assembly of vehicle headlamps. Expert Systems With Applications, 2011, 38, 12818-12825.	7.6	4
16	An adaptable vision system for the automatic inspection of surface defects in automotive headlamp lenses. , 2011, , .		4
17	An automatic procedure to identify the areas of interest for the automated inspection of headlamp lenses. , 2010, , .		3
18	Sensor fusion of vision, force and acceleration for compliant robot motion control. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Automatic System for the Detection of Defects on Olive Fruits in an Oil Mill. Applied Sciences (Switzerland), 2021, 11, 8167.	2.5	3
20	An automatic procedure to code the inspection guideline for vehicle headlamp lenses. , 2009, , .		2
21	Position predictive control of an anthropomorphic robotic arm using a time-of-flight camera. , 2014, , .		2
22	BRIDGING THE GAP BETWEEN HIGHER EDUCATION INSTITUTIONS AND COMPANIES. THE HEIBUS COOPERATION MODELS. INTED Proceedings, 2019, , .	0.0	1
23	Zero Defect Manufacturing in the Food Industry: Virgin Olive Oil Production. Applied Sciences (Switzerland), 2022, 12, 5184.	2.5	1
24	Fuzzy controller for the high-accuracy automatic assembly of vehicle headlamps. , 2010, , .		0
25	Pilot scheme of a tutorial action plan for industrial engineering students. , 2012, , .		0
26	REAL LIFE PROBLEM SOLVING: A SUCCESSFUL MODEL FOR HEI STUDENT-COMPANY COOPERATION. INTED Proceedings, 2020, , .	0.0	0