

Cristina Cristalli

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

278
citations

1162367

8
h-index

1281420

11
g-index

25
all docs

25
docs citations

25
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Energy Simulation Model for Buildings. <i>Energies</i> , 2020, 13, 1170.	1.6	14
2	Smart Inspection Tools in robotized aircraft panels manufacturing. , 2019, , .		2
3	Multivariate Analysis of Transient State Infrared Images in Production Line Quality Control Systems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 250.	1.3	3
4	A new topological entropy-based approach for measuring similarities among piecewise linear functions. <i>Signal Processing</i> , 2017, 134, 130-138.	2.1	20
5	Efficient monitoring system for Data Center: AgorÃ case study. , 2016, , .		0
6	A Cyber-Physical System approach for the design of a modular Smart Robotic Cell. , 2016, , .		3
7	<i>virtual and inter-organizational evolution: a case study from a EU research project. Journal of Knowledge Management</i> , 2016, 20, 793-811.	3.2	27
8	Adaptive lighting controllers using smart sensors. <i>International Journal of Sustainable Energy</i> , 2016, 35, 537-553.	1.3	9
9	Design of a low cost and high performance wireless sensor network for structural health monitoring. <i>Microsystem Technologies</i> , 2016, 22, 1845-1853.	1.2	8
10	Manual guidance for industrial robot programming. <i>Industrial Robot</i> , 2015, 42, 457-465.	1.2	61
11	Production line quality control using infrared imaging. <i>Infrared Physics and Technology</i> , 2015, 71, 416-423.	1.3	7
12	Topological classification of small DC motors. , 2015, , .		6
13	Real-time synchronization of wireless sensor network by 1-PPS signal. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
14	Design of Wireless Sensor Network for Real-Time Structural Health Monitoring. , 2015, , .		11
15	An efficient motion planning algorithm for robot multi-goal tasks. , 2013, , .		3
16	Self-adapting test-plans in production line: An application to vision control stations. , 2012, , .		3
17	Acoustic emissions for particle sizing of powders through signal processing techniques. <i>Mechanical Systems and Signal Processing</i> , 2011, 25, 901-916.	4.4	33
18	Classification of silicon solar cells using Electroluminescence texture analysis. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
19	Non-Contact Measurement for Mechanical Fault detection in Production Line. , 2007, , .		11
20	A new method for filtering speckle noise in vibration signals measured by laser Doppler vibrometry for on-line quality control. , 2006, , .		6
21	Influence of arm soft tissue on non-invasive blood pressure measurements: An experimental and mathematical study. Measurement: Journal of the International Measurement Confederation, 1995, 14, 229-240.	2.5	17
22	Mathematical Modeling of Noninvasive Blood Pressure Estimation Techniquesâ€™Part I: Pressure Transmission Across the Arm Tissue. Journal of Biomechanical Engineering, 1995, 117, 107-116.	0.6	24