

Manuel RodrÃ-guez-MartÃ-n

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

202
citations

1307594

7
h-index

1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility Study of a Structured Light System Applied to Welding Inspection Based on Articulated Coordinate Measure Machine Data. <i>IEEE Sensors Journal</i> , 2017, 17, 4217-4224.	4.7	42
2	Weld Bead Detection Based on 3D Geometric Features and Machine Learning Approaches. <i>IEEE Access</i> , 2019, 7, 14714-14727.	4.2	23
3	Learning based on 3D photogrammetry models to evaluate the competences in visual testing of welds. , 2018, , .		21
4	Predictive Models for the Characterization of Internal Defects in Additive Materials from Active Thermography Sequences Supported by Machine Learning Methods. <i>Sensors</i> , 2020, 20, 3982.	3.8	18
5	Learning methodology based on weld virtual models in the mechanical engineering classroom. <i>Computer Applications in Engineering Education</i> , 2019, 27, 1113-1125.	3.4	15
6	Suitability of Automatic Photogrammetric Reconstruction Configurations for Small Archaeological Remains. <i>Sensors</i> , 2020, 20, 2936.	3.8	12
7	3D Visualization Techniques in Health Science Learning. , 2018, , .		10
8	Short CFD Simulation Activities in the Context of Fluid-Mechanical Learning in a Multidisciplinary Student Body. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4809.	2.5	9
9	Parametric Optimization of the GMAW Welding Process in Thin Thickness of Austenitic Stainless Steel by Taguchi Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8742.	2.5	9
10	Simulation of a Real Call for Research Projects as Activity to Acquire Research Skills: Perception Analysis of Teacher Candidates. <i>Sustainability</i> , 2020, 12, 7431.	3.2	7
11	A Comparative Study of 2D and 3D Digital Image Correlation Approaches for the Characterization and Numerical Analysis of Composite Materials. <i>IEEE Access</i> , 2021, 9, 160675-160687.	4.2	6
12	Design of a Didactical Activity for the Analysis of Uncertainties in Thermography through the Use of Robust Statistics as Teacher-Oriented Approach. <i>Remote Sensing</i> , 2021, 13, 402.	4.0	5
13	Novel Approach for Three-Dimensional Integral Documentation of Machine Rooms in Hospitals Using Portable Mobile Mapping System. <i>IEEE Access</i> , 2018, 6, 79200-79210.	4.2	4
14	Understanding Uncertainties in Thermographic Imaging. , 2019, , .		4
15	Comprehensive Generation of Historical Construction CAD Models from Data Provided by a Wearable Mobile Mapping System: A Case Study of the Church of Adanero (Ávila, Spain). <i>Sensors</i> , 2022, 22, 2922.	3.8	4
16	Short simulation activity to improve the competences in the Fluid-mechanical Engineering classroom using Solidworks® Flow Simulation. , 2019, , .		2
17	Technique to evaluate the thermoregulatory capacity before thermal stress. Application case of thermographic images to blood flow monitoring. , 2019, , .		2
18	Learning physical geodesy. Application case to geoid undulation computation. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Analysis of Industrial Engineering Students's Perception after a Multiple Integrals-Based Activity with a Fourth-Year Student. Mathematics, 2022, 10, 1764.	2.2	2
20	Learning and comprehension of terrain representation in cartographic design. , 2020, , .		1
21	Control charts based on MATLAB statistical and visualization tools as a compatible with e-learning methodology in the context of quality control.. , 2021, , .		1
22	Based-on simulation training on ventilation calculation for the reduction of occupational risk of SARS-CoV-2 infection. , 2021, , .		1
23	WELDMAP: A Photogrammetric Suite Applied to the Inspection of Welds. Applied Sciences (Switzerland), 2022, 12, 2553.	2.5	1
24	Synergies between Geomatics and Health Sciences for the creation of new virtual materials for teaching podiatry. , 2021, , .		0