

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	WELDMAP: A Photogrammetric Suite Applied to the Inspection of Welds. Applied Sciences (Switzerland), 2022, 12, 2553.	2.5	1
2	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). Sensors, 2022, 22, 2922.	3.8	4
3	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
4	Parametric Optimization of the GMAW Welding Process in Thin Thickness of Austenitic Stainless Steel by Taguchi Method. Applied Sciences (Switzerland), 2021, 11, 8742.	2.5	9
5	Design of a Didactical Activity for the Analysis of Uncertainties in Thermography through the Use of Robust Statistics as Teacher-Oriented Approach. Remote Sensing, 2021, 13, 402.	4.0	5
6	A Comparative Study of 2D and 3D Digital Image Correlation Approaches for the Characterization and Numerical Analysis of Composite Materials. IEEE Access, 2021, 9, 160675-160687.	4.2	6
7	Control charts based on MATLAB statistical and visualization tools as a compatible with e-learning methodology in the context of quality control. , 2021, , .		1
8	Based-on simulation training on ventilation calculation for the reduction of occupational risk of SARS-CoV-2 infection. , 2021, , .		1
9	Synergies between Geomatics and Health Sciences for the creation of new virtual materials for teaching podiatry. , 2021, , .		0
10	Simulation of a Real Call for Research Projects as Activity to Acquire Research Skills: Perception Analysis of Teacher Candidates. Sustainability, 2020, 12, 7431.	3.2	7
11	Predictive Models for the Characterization of Internal Defects in Additive Materials from Active Thermography Sequences Supported by Machine Learning Methods. Sensors, 2020, 20, 3982.	3.8	18
12	Suitability of Automatic Photogrammetric Reconstruction Configurations for Small Archaeological Remains. Sensors, 2020, 20, 2936.	3.8	12
13	Learning physical geodesy. Application case to geoid undulation computation. , 2020, , .		2
14	Learning and comprehension of terrain representation in cartographic design. , 2020, , .		1
15	Learning methodology based on weld virtual models in the mechanical engineering classroom. Computer Applications in Engineering Education, 2019, 27, 1113-1125.	3.4	15
16	Short CFD Simulation Activities in the Context of Fluid-Mechanical Learning in a Multidisciplinary Student Body. Applied Sciences (Switzerland), 2019, 9, 4809.	2.5	9
17	Short simulation activity to improve the competences in the Fluid-mechanical Engineering classroom using Solidworks® Flow Simulation. , 2019, , .		2
18	Technique to evaluate the thermoregulatory capacity before thermal stress. Application case of thermographic images to blood flow monitoring. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Weld Bead Detection Based on 3D Geometric Features and Machine Learning Approaches. IEEE Access, 2019, 7, 14714-14727.	4.2	23
20	Understanding Uncertainties in Thermographic Imaging. , 2019, , .		4
21	3D Visualization Techniques in Health Science Learning. , 2018, , .		10
22	Novel Approach for Three-Dimensional Integral Documentation of Machine Rooms in Hospitals Using Portable Mobile Mapping System. IEEE Access, 2018, 6, 79200-79210.	4.2	4
23	Learning based on 3D photogrammetry models to evaluate the competences in visual testing of welds. , 2018, , .		21
24	Feasibility Study of a Structured Light System Applied to Welding Inspection Based on Articulated Coordinate Measure Machine Data. IEEE Sensors Journal, 2017, 17, 4217-4224.	4.7	42