

# Marcin Malesa

## List of Publications by Year in descending order

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26  
papers

319  
citations

933447

10  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of 3D digital image correlation in maintenance and process control in industry. Computers in Industry, 2013, 64, 1301-1315.	9.9	57
2	Non-destructive testing of industrial structures with the use of multi-camera Digital Image Correlation method. Engineering Failure Analysis, 2016, 69, 122-134.	4.0	39
3	Monitoring of civil engineering structures using Digital Image Correlation technique. EPJ Web of Conferences, 2010, 6, 31014.	0.3	36
4	Multi-camera digital image correlation method with distributed fields of view. Optics and Lasers in Engineering, 2017, 98, 198-204.	3.8	32
5	Application of Hybrid FEM-DIC Method for Assessment of Low Cost Building Structures. Experimental Mechanics, 2012, 52, 1297-1311.	2.0	26
6	Application of complementary optical methods for strain investigation in composite high pressure vessel. Composite Structures, 2018, 203, 718-724.	5.8	22
7	Deformation measurements by digital image correlation with automatic merging of data distributed in time. Applied Optics, 2013, 52, 4681.	1.8	18
8	Application of 3D digital image correlation to track displacements and strains of canvas paintings exposed to relative humidity changes. Applied Optics, 2014, 53, 1739.	1.8	16
9	Application of Multi-camera DIC System for Measurements of Industrial Structures. Procedia Engineering, 2015, 114, 453-460.	1.2	14
10	Quality Control of PET Bottles Caps with Dedicated Image Calibration and Deep Neural Networks. Sensors, 2021, 21, 501.	3.8	12
11	Modified two-dimensional digital image correlation method with capability of merging of data distributed in time. Applied Optics, 2012, 51, 8641.	1.8	10
12	Application of digital image correlation (DIC) for tracking deformations of paintings on canvas. , 2011, , .		8
13	Application of 3D Digital Image Correlation for Development and Validation of FEM Model of Self-Supporting Arch Structures. Applied Sciences (Switzerland), 2019, 9, 1305.	2.5	8
14	Application of Image Based Methods for Monitoring and Measurements of Structures in Power Stations. Key Engineering Materials, 0, 518, 24-36.	0.4	6
15	Hybrid GI-DIC measurement procedure for hierarchical assessment of strain fields. Measurement: Journal of the International Measurement Confederation, 2019, 134, 83-88.	5.0	4
16	Investigations of high power laser beam interaction with composite materials by means of digital image correlation and thermography. , 2017, , .		3
17	3D DIC tests of mirrors for the single-mirror small-size telescope of CTA. Experimental Astronomy, 2015, 39, 513-525.	3.7	2
18	Online Correction of the Mutual Miscalibration of Multimodal VIS&quot;IR Sensors and 3D Data on a UAV Platform for Surveillance Applications. Remote Sensing, 2019, 11, 2469.	4.0	2

#	ARTICLE	IF	CITATIONS
19	Combining Digital Image Correlation and Thermal Measurements. Solid State Phenomena, 0, 240, 81-86.	0.3	1
20	Application of 3D digital image correlation for development and validation of FEM model of self-supporting metal plates structures. , 2016, , .		1
21	Development and validation of an inverse method for identification of thermal characteristics of a short laser pulse. MATEC Web of Conferences, 2018, 240, 01021.	0.2	1
22	The method of acquiring and processing 3D data from drones. , 2018, , .		1
23	Multimodal inspection in power engineering and building industries: new challenges and solutions. Proceedings of SPIE, 2013, , .	0.8	0
24	Problems and solutions in measurements of engineering objects by means of digital image correlation. , 2015, , .		0
25	Mobile version of Digital Image Correlation for deformation measurements of engineering objects. IS&T International Symposium on Electronic Imaging, 2016, 2016, 1-6.	0.4	0
26	Multi-camera DIC system with spatial data stitching procedure for measurements of engineering objects. Photonics Letters of Poland, 2014, 6, .	0.4	0